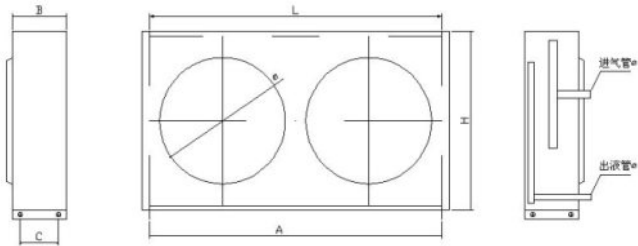


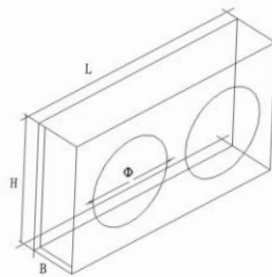

CNAU AIR-COOLED CONDENSER

中澳风冷凝器



匹配德国谷轮中灰色插脚风冷凝器主要技术参数

| TYPE | External surface 换热面积 m ² | Rating 排热量 | In/out 进/出 | L mm | H mm | B mm | Fan quantity φ 风扇数量 | A mm | C mm | φ d mm | Row*Go 列x行 | Size 套片长 |
|-----------|--------------------------------------|------------|------------|------|------|------|---------------------|------|------|--------|------------|----------|
| CA-14/C | 14 | 4070 | 16/12 | 498 | 410 | 165 | φ 360x1 | 442 | 115 | 9 | 4x16 | 442 |
| CA-18/C | 18 | 5232 | 16/12 | 591 | 460 | 165 | φ 360x1 | 535 | 115 | 9 | 4x18 | 535 |
| CA-20/C | 20 | 5814 | 16/12 | 591 | 510 | 165 | φ 360x1 | 535 | 115 | 9 | 4x20 | 535 |
| CA-24/C | 24 | 6977 | 16/12 | 590 | 560 | 165 | φ 410x1 | 535 | 115 | 9 | 4x22 | 535 |
| CA-22/2C | 22 | 6395 | 16/12 | 881 | 460 | 175 | φ 360x2 | 825 | 125 | 9 | 3x18 | 825 |
| CA-24/2C | 24 | 6977 | 19/12 | 881 | 510 | 175 | φ 360x2 | 825 | 125 | 9 | 3x20 | 825 |
| CA-28/2C | 28 | 8139 | 19/12 | 881 | 460 | 175 | φ 360x2 | 825 | 125 | 9 | 4x18 | 825 |
| CA-33/2C | 33 | 9592 | 19/12 | 881 | 510 | 175 | φ 360x2 | 825 | 125 | 9 | 4x20 | 825 |
| CA-42/2C | 42 | 12209 | 22/19 | 1006 | 580 | 175 | φ 410x2 | 950 | 125 | 9 | 4x23 | 950 |
| CA-56/2C | 56 | 16279 | 25/19 | 1006 | 655 | 190 | φ 410x2 | 950 | 140 | 9 | 5x26 | 950 |
| CA-65/2C | 65 | 18899 | 28/19 | 1215 | 655 | 210 | φ 410x2 | 1155 | 160 | 9 | 5x26 | 1155 |
| CA-75/2C | 75 | 21802 | 28/19 | 1215 | 710 | 210 | φ 410x2 | 1155 | 160 | 9 | 5x28 | 1155 |
| CA-85/2C | 85 | 24709 | 28/19 | 1260 | 760 | 230 | φ 510x2 | 1200 | 180 | 11 | 5x30 | 1200 |
| CA-90/2C | 90 | 26162 | 28/19 | 1260 | 810 | 230 | φ 510x2 | 1200 | 180 | 11 | 5x32 | 1200 |
| CA-100/2C | 100 | 29069 | 28/19 | 1260 | 760 | 230 | φ 510x2 | 1200 | 180 | 11 | 6x30 | 1200 |



风冷凝器主要技术参数

| TYPE | External surface 换热面积 m ² | Rating 排热量 | In/out 进/出 | L mm | H mm | B mm | Fan quantity φ 风扇数量 | A mm | C mm | φ d mm | Row*Go 列x行 | Size 套片长 |
|-----------|--------------------------------------|------------|------------|------|------|------|---------------------|------|------|--------|------------|----------|
| CA-12/B | 12 | 3488 | 12/10 | 550 | 420 | 160 | 360×1 | 524 | 110 | 9 | 3×16 | 500 |
| CA-15/B | 15 | 4360 | 10/12 | 550 | 520 | 160 | 360×1 | 524 | 110 | 9 | 3×20 | 500 |
| CA-18/B | 18 | 5232 | 16/12 | 550 | 520 | 160 | 410×1 | 524 | 110 | 9 | 4×20 | 500 |
| CA-24/B | 24 | 6977 | 19/12 | 640 | 545 | 190 | 410×1 | 614 | 140 | 9 | 4×21 | 590 |
| CA-24/2B | 24 | 6977 | 16/12 | 830 | 420 | 190 | 310×2 | 804 | 140 | 9 | 4×16 | 780 |
| CA-28/B | 28 | 8139 | 19/16 | 640 | 505 | 190 | φ 410×1 | 614 | 140 | 9 | 5×21 | 590 |
| CA-28/2B | 28 | 8139 | 19/16 | 960 | 550 | 180 | φ 360×2 | 934 | 130 | 9 | 3×21 | 910 |
| CA-33/2B | 33 | 9593 | 25/19 | 960 | 600 | 200 | φ 410×2 | 934 | 130 | 9 | 3×23 | 910 |
| CA-42/2B | 42 | 12209 | 25/19 | 960 | 600 | 200 | φ 410×2 | 934 | 130 | 9 | 4×23 | 910 |
| CA-50/2B | 50 | 14535 | 25/19 | 1100 | 625 | 220 | φ 410×2 | 1074 | 170 | 9 | 4×24 | 1050 |
| CA-56/2B | 56 | 16279 | 28/19 | 1100 | 725 | 220 | φ 460×2 | 1074 | 170 | 9 | 4×28 | 1050 |
| CA-65/2B | 65 | 18899 | 28/19 | 1250 | 775 | 220 | φ 460×2 | 1224 | 170 | 9 | 4×30 | 1200 |
| CA-80/2B | 80 | 23255 | 25/19 | 1250 | 725 | 220 | φ 510×2 | 1224 | 170 | 9 | 5×28 | 1200 |
| CA-90/2B | 90 | 26162 | 25/19 | 1250 | 825 | 220 | φ 510×2 | 1224 | 170 | 9 | 5×32 | 1200 |
| CA-100/2B | 100 | 29069 | 28/19 | 1360 | 825 | 220 | φ 510×2 | 1334 | 170 | 9 | 5×32 | 1300 |
| CA-120/2B | 120 | 34883 | 28/19 | 1420 | 825 | 270 | φ 565×2 | 1394 | 220 | 9 | 6×32 | 1360 |
| CA-130/2B | 130 | 37790 | 28/22 | 1500 | 825 | 270 | φ 645×2 | 1474 | 220 | 9 | 6×32 | 1440 |
| CA-150/2B | 150 | 43604 | 32/22 | 1560 | 925 | 270 | φ 645×2 | 1534 | 220 | 9 | 6×36 | 1500 |



CNAU AIR-COOLED CONDENSER

中澳风冷凝器



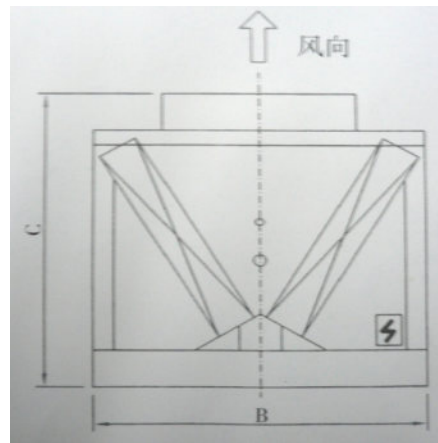
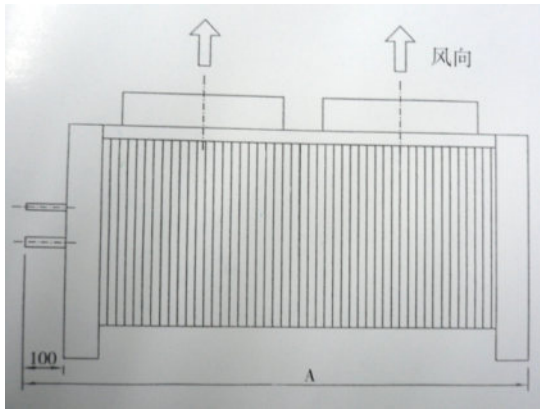
| Type 型号 | 主要参数 | | inlet diameter | outlet diameter | fan quantity | Copper Pipe | Length | Width | height |
|-------------|--------|------------------|----------------|-----------------|--------------|-----------------|--------|-------|--------|
| | Rating | External surface | 进气管直径 | 出气管直径 | diameter | arrang quantity | 长 | 宽 | 高 |
| | 排热量 | 冷凝面积 | | | 风扇数量x直径 | 铜管排数x环数 | L | B | H |
| | W | m ² | Φmm | Φmm | NXΦ | NXW | mm | mm | mm |
| CA-0.6/2 | 581 | 2 | 10 | 10 | 1x200 | 2x4 | 280 | 120 | 240 |
| CA-1.0/3.4 | 988 | 3.4 | 10 | 10 | 1x200 | 3x4 | 250 | 120 | 240 |
| CA-1.2/4.0 | 1160 | 4 | 10 | 10 | 1x200 | 3x4.5 | 300 | 120 | 255 |
| CA-1.3/4.4 | 1279 | 4.4 | 10 | 10 | 1x250 | 3x5 | 325 | 120 | 280 |
| CA-1.5/5.2 | 1512 | 5.2 | 10 | 10 | 1x300 | 3x6 | 370 | 130 | 340 |
| CA-2.0/7 | 2035 | 7 | 12 | 12 | 1x300 | 4x6 | 370 | 150 | 340 |
| CA-2.4/8.4 | 2436 | 8.4 | 12 | 12 | 1x300 | 3x6 | 450 | 170 | 350 |
| CA-3.1/10.6 | 3074 | 10.6 | 12 | 12 | 1x300 | 4x6 | 450 | 170 | 350 |
| CA-2.9/10 | 2900 | 10 | 16 | 12 | 1x350 | 3x8 | 450 | 170 | 420 |
| CA-3.5/12 | 3480 | 12 | 16 | 12 | 1x350 | 3x8 | 460 | 180 | 420 |
| CA-4.4/15 | 4350 | 15 | 16 | 12 | 1x350 | 3x9 | 520 | 180 | 470 |
| CA-5.2/18 | 5220 | 18 | 16 | 12 | 1x400 | 3x10 | 520 | 180 | 520 |
| CA-6.4/22A | 6380 | 22 | 16 | 12 | 1x400 | 4x10 | 520 | 200 | 520 |
| CA-7.8/27 | 7830 | 27 | 19 | 16 | 1x400 | 6x9 | 560 | 240 | 480 |
| CA-6.4/22B | 6380 | 22 | 16 | 12 | 2x350 | 3x8 | 850 | 180 | 420 |
| CA-8.1/28 | 8120 | 28 | 19 | 16 | 2x350 | 3x10 | 850 | 180 | 520 |
| CA-9.6/33 | 9570 | 33 | 19 | 16 | 2x400 | 4x10 | 1000 | 180 | 520 |
| CA-12.2/42 | 12180 | 42 | 19 | 16 | 2x400 | 4x10 | 1000 | 200 | 520 |
| CA-15/52 | 15080 | 52 | 19 | 16 | 2x400 | 4x12 | 1000 | 200 | 620 |
| CA-17/60 | 17400 | 60 | 19 | 16 | 2x450 | 4x12 | 1150 | 220 | 620 |
| CA-20/70 | 20300 | 70 | 19 | 16 | 2x450 | 4x14 | 1150 | 240 | 720 |
| CA-23/80 | 23200 | 80 | 19 | 19 | 2x500 | 4x16 | 1150 | 240 | 820 |
| CA-29/100 | 29000 | 100 | 19 | 19 | 2x500 | 4x17 | 1350 | 260 | 870 |
| CA-32/110 | 31900 | 110 | 19 | 19 | 2x550 | 4x18 | 1350 | 260 | 920 |
| CA-35/120 | 34800 | 120 | 19 | 19 | 2x550 | 4x20 | 1350 | 260 | 1020 |
| CA-39/135 | 39150 | 135 | 19 | 19 | 2x550 | 5x18 | 1350 | 260 | 920 |
| CA-45/155 | 44950 | 155 | 19 | 22 | 2x600 | 5x20 | 1400 | 300 | 1020 |
| CA-49/170 | 49300 | 170 | 19 | 22 | 2x600 | 5x22 | 1400 | 300 | 1120 |

采用高效能的换热盘管，清洁、干燥。
 铝翅片冲孔为“L”型延伸翻片，胀管后紧密接触换热效率高。
 冷凝器设计宽度合理，风叶与铝翅片间距均大于1/3风叶直径确保运行有足够的迎风面积。
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 特殊用途的产品请与公司联系。



CNAU AIR-COOLED CONDENSER

中澳风冷凝器



工业冷凝器技术参数

| Type型号 | Rated capacity 名义排热量 W | External surface 换热面积 m ² | Fan motors data 风机参数 | | | | | inlet 进气管 直径 Φmm | outlet 出气管 直径 Φmm | Dimensions 外形尺寸 | | | Mounting Dimensions 安装尺寸 | |
|-------------|------------------------------|--|-------------------------|-------------|-----------------------------|--------------|---------|---------------------------|----------------------------|--------------------|---------|---------|-----------------------------|---------|
| | | | fans数量 N | 风扇直径 Φmm | Volt电压 m ³ /h | power功率 W | 电流 V | | | A mm | B mm | C mm | D mm | E mm |
| | | | CA-21/72 | 21000 | 72 | 1 | Φ550 | 8000 | 370 | 380 | 22 | 16 | 950 | 900 |
| CA-22/87 | 25200 | 87 | 1 | Φ600 | 10000 | 550 | 380 | 25 | 16 | 1100 | 900 | 880 | 1020 | 820 |
| CA-32/110 | 31900 | 110 | 2 | Φ500 | 2x7000 | 2x370 | 380 | 25 | 16 | 1400 | 900 | 880 | 1320 | 820 |
| CA-38/130 | 37700 | 130 | 2 | Φ550 | 2x8000 | 2x370 | 380 | 28 | 19 | 1550 | 900 | 880 | 1470 | 820 |
| CA-45/155 | 44950 | 155 | 2 | Φ600 | 2x10000 | 2x550 | 380 | 28 | 19 | 1600 | 1000 | 980 | 1520 | 920 |
| CA-53.6/185 | 53650 | 185 | 2 | Φ630 | 2x11500 | 2x550 | 380 | 28 | 19 | 1700 | 1000 | 980 | 1620 | 920 |
| CA-61/210 | 60900 | 210 | 2 | Φ650 | 2x13200 | 2x550 | 380 | 28 | 19 | 1750 | 1000 | 1080 | 1670 | 920 |
| CA-70/240 | 69600 | 240 | 2 | Φ700 | 2x15000 | 2x750 | 380 | 32 | 22 | 1900 | 1175 | 1260 | 1820 | 1000 |
| CA-87/300 | 87000 | 300 | 2 | Φ750 | 2x19000 | 2x1100 | 380 | 32 | 22 | 2250 | 1175 | 1260 | 2170 | 1000 |
| CA-93/320 | 92800 | 320 | 2 | Φ750 | 2x19000 | 2x1100 | 380 | 32 | 25 | 2350 | 1175 | 1260 | 2270 | 1000 |
| CA-104/360 | 104400 | 360 | 3 | Φ650 | 3x13200 | 3x550 | 380 | 35 | 25 | 2650 | 1175 | 1260 | 2570 | 1000 |
| CA-116/400 | 116000 | 400 | 3 | Φ700 | 3x15000 | 3x750 | 380 | 35 | 25 | 2950 | 1175 | 1260 | 2870 | 1000 |
| CA-139/480 | 139200 | 480 | 3 | Φ750 | 3x19000 | 3x1100 | 380 | 35 | 25 | 3400 | 1175 | 1260 | 3320 | 1000 |

吸收欧美知名品牌的先进技术，专为商业冷冻和空调设备而设计的。
选用高效能的换热盘管。

采用FZL系列轴流风机，风量大、噪音低、耗电省。

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EURO. & USA technology design for commercial refrigeration

Using efficiency heat exchanger

Using FZL Axial fan for low power consuming, noiseless, high power.

Exterior with longlasting paint

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CNAU AIR-COOLED CONDENSER

中澳平板式冷凝器

| 型号 | CP | 单风机 | | 双风机 | | | | 三风机 | | | | 四风机 | | 六风机 | | | |
|--------|-----------------------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|
| | | 08B/116 | | 08B/125 | | 08B/126 | | 08B/135 | | 08B/136 | | 08B/146 | | 08B/265 | | 08B/266 | |
| 电机接线 | | 三角 | Y型 | 三角 | Y型 | 三角 | Y型 | 三角 | Y型 | 三角 | Y型 | 三角 | Y型 | 三角 | Y型 | 三角 | Y型 |
| 冷凝热量 | $\Delta T=15K (KW) '$ | 76.8 | 62.6 | 138.6 | 115.9 | 153.7 | 125.2 | 153.7 | 173.9 | 230.5 | 187.9 | 307.4 | 250.5 | 402.7 | 336.5 | 447.5 | 350.9 |
| 空气流量 | m^3/h | 18660 | 14140 | 39000 | 29680 | 39000 | 29680 | 37320 | 44520 | 55980 | 56560 | 74640 | 56560 | 115070 | 87100 | 109620 | 79020 |
| 风机转速 | | 890 | 660 | 890 | 660 | 890 | 660 | 890 | 660 | 890 | 660 | 890 | 660 | 890 | 660 | 890 | 660 |
| 总功率 | W | 2000 | 4000 | 4000 | 2500 | 4000 | 2500 | 6000 | 3750 | 6000 | 3750 | 8000 | 12000 | 12000 | 7500 | 12000 | 7500 |
| 总电流 | A | 4 | 2.3 | 8 | 4.6 | 8 | 4.6 | 12 | 6.9 | 12 | 6.9 | 16 | 9.2 | 24 | 13.8 | 12 | 13.8 |
| 声压级10m | dB(A) | 52 | 46 | 54 | 48 | 54 | 48 | 56 | 50 | 56 | 50 | 57 | 51 | 59 | 53 | 56 | 50 |
| 管接口 | 1m/Out(mm) | 42/35 | | 42/35 | | 54/42 | | 54/42 | | 54/42 | | 67/54 | | 2X67/54 | | 2X67/54 | |

| 型号 | CP | 08B/116 | | 08B/125 | | 08B/126 | | 08B/135 | | 08B/136 | | 08B/146 | | 08B/265 | | 08B/266 | |
|--------|-----------------------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|
| | | 三角 | Y型 | 三角 | Y型 | 三角 | Y型 | 三角 | Y型 | 三角 | Y型 | 三角 | Y型 | 三角 | Y型 | 三角 | Y型 |
| 冷凝热量 | $\Delta T=15K (KW) '$ | 64.7 | 55.7 | 117.2 | 102.6 | 129.5 | 115.2 | 175.8 | 153.9 | 194.2 | 167.2 | 258.9 | 222.9 | 340.9 | 291.1 | 374.6 | 309 |
| 空气流量 | m^3/h | 14770 | 12200 | 30120 | 24920 | 29540 | 24400 | 45180 | 37380 | 44310 | 36600 | 59080 | 48800 | 88740 | 70750 | 86000 | 67330 |
| 风机转速 | | 680 | 530 | 680 | 530 | 680 | 530 | 680 | 530 | 680 | 530 | 680 | 530 | 680 | 530 | 680 | 530 |
| 总功率 | W | 1050 | 770 | 2100 | 1540 | 2100 | 2500 | 3150 | 23210 | 3150 | 2310 | 4200 | 3080 | 6300 | 4620 | 6300 | 4620 |
| 总电流 | A | 2.4 | 1.5 | 4.8 | 3 | 4.8 | 3 | 7.2 | 4.5 | 7.2 | 4.5 | 9.6 | 6 | 14.4 | 9 | 14.4 | 9 |
| 声压级10m | dB(A) | 45 | 41 | 47 | 43 | 47 | 43 | 49 | 45 | 49 | 45 | 50 | 46 | 52 | 48 | 52 | 48 |
| 管接口 | 1m/Out(mm) | 42/35 | | 42/35 | | 54/42 | | 54/42 | | 54/42 | | 67/54 | | 2X67/54 | | 2X67/54 | |

| 型号 | CP | 08B/116 | | 08B/125 | | 08B/126 | | 08B/135 | | 08B/136 | | 08B/146 | | 08B/265 | | 08B/266 | |
|--------|-----------------------|---------|------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|
| | | 三角 | Y型 | 三角 | Y型 | 三角 | Y型 | 三角 | Y型 | 三角 | Y型 | 三角 | Y型 | 三角 | Y型 | 三角 | Y型 |
| 冷凝热量 | $\Delta T=15K (KW) '$ | 60.8 | 44 | 110.8 | 82.9 | 121.5 | 87.9 | 166.2 | 124.3 | 182.3 | 131.9 | 243 | 175.8 | 315.8 | 241.2 | 331.5 | 237.4 |
| 空气流量 | m^3/h | 13610 | 9170 | 27800 | 18720 | 27220 | 18340 | 41700 | 28080 | 40830 | 27510 | 54440 | 36680 | 79380 | 54990 | 73500 | 49230 |
| 风机转速 | | 630 | 400 | 630 | 400 | 630 | 400 | 630 | 400 | 630 | 400 | 630 | 400 | 630 | 400 | 630 | 400 |
| 总功率 | W | 920 | 470 | 1840 | 940 | 1840 | 940 | 2760 | 1410 | 2760 | 1410 | 3680 | 1880 | 5520 | 2820 | 5520 | 2820 |
| 总电流 | A | 2 | 1 | 4 | 2 | 4 | 2 | 6 | 3 | 6 | 3 | 8 | 4 | 12 | 6 | 12 | 6 |
| 声压级10m | dB(A) | 42 | 34 | 46 | 37 | 46 | 37 | 47 | 38 | 47 | 38 | 48 | 39 | 50 | 41 | 50 | 41 |
| 管接口 | 1m/Out(mm) | 42/35 | | 42/35 | | 54/42 | | 54/42 | | 54/42 | | 67/54 | | 2X67/54 | | 2X67/54 | |

| 常用数据 | | | | | | | | | | |
|------|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| 风机直径 | | 1X800 | 2X800 | 2X800 | 3X800 | 3X800 | 4X800 | 6X800 | 6X800 | |
| 换热面积 | $\Delta T=15K (KW) '$ | 200 | 330 | 400 | 500 | 600 | 800 | 1000 | 1200 | |
| 内容积 | m^3/h | 19 | 31 | 38 | 46 | 55 | 73 | 92 | 110 | |
| 毛重 | kg | 182 | 308 | 326 | 470 | 497 | 646 | 860 | 910 | |
| A | mm | 1600 | 2900 | 2550 | 3850 | 3850 | 5150 | 3850 | 3850 | |
| D | mm | 1250 | 2550 | 2550 | 3850 | 3850 | 5150 | 3850 | 3850 | |
| D1 | mm | | | | | | | 1925 | 1925 | |
| D2 | mm | | | | | | | 1925 | 1925 | |
| 制冷面积 | m^2 | 200 | 330 | 400 | 500 | 600 | 800 | 1000 | 1200 | |

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选用高效能的换热盘管。

选用进口外转子风机，风量大、噪声低、耗电省。

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EURO. & USA technology design for commercial refrigeration

Using efficiency heat exchanger

Using Axial fan for low power consuming, noiseless, high power.

Exterior with longlasting paint

Contact our agent for customer need

C

中澳
CNAU

P

平板式冷凝器
Condenser

08

风机直径
Fan Diameter

B

电机极数
B=6极
C=8极
D=10极

2

风机排数
Fan row counts

6

风机数量
Fan Quantity

6

铜管排数
Copper row counts

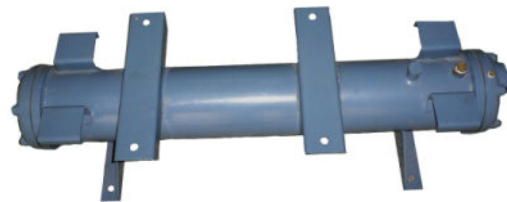
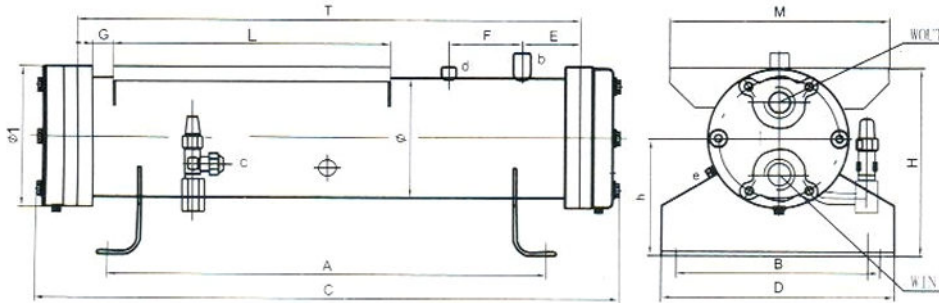


CNAU WATER-COOLED CONDENSER

中澳高效壳管式水冷冷凝器

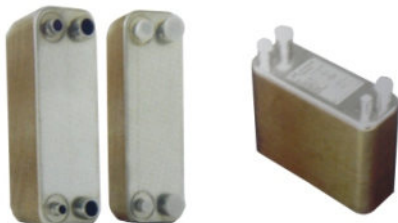


| 型号 Model | 换热量 | | 外形尺寸 (mm) | | | | | | | | | | | | | | 进出尺寸 | | | | |
|-------------|-----|--------|-----------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|---------|-----|-----|--------|--------|
| | RT | Kcal/h | A | B | C | D | E | F | G | H | h | L | M | ø1 | T | ø | W | b | c | d | e |
| CA-WN03 | 3 | 9072 | 600 | 280 | 800 | 320 | 80 | 100 | 50 | 260 | 162 | 380 | 300 | 195 | 690 | 165 | G1" | ø19 | ø10 | Rc1/8" | Rc3/8" |
| CA-WN05 | 5 | 15120 | 780 | 350 | 1010 | 400 | 80 | 100 | 80 | 340 | 190 | 480 | 320 | 238 | 890 | 219 | G1 1/2" | ø19 | ø12 | Rc1/8" | Rc3/8" |
| CA-WN08 | 8 | 24192 | 850 | 350 | 1080 | 400 | 80 | 100 | 80 | 340 | 190 | 500 | 350 | 238 | 960 | 219 | G1 1/2" | ø25 | ø16 | Rc1/8" | Rc3/8" |
| CA-WN10 | 10 | 30240 | 1000 | 350 | 1220 | 400 | 80 | 100 | 80 | 340 | 190 | 500 | 350 | 238 | 1100 | 219 | G1 1/2" | ø25 | ø16 | Rc1/8" | Rc3/8" |
| CA-WN15 | 15 | 45360 | 1000 | 350 | 1220 | 400 | 80 | 100 | 120 | 340 | 190 | 550 | 380 | 238 | 1100 | 219 | G2" | ø28 | ø19 | Rc1/8" | Rc3/8" |
| CA-WN20 | 20 | 60480 | 1000 | 350 | 1220 | 400 | 80 | 100 | 120 | 340 | 190 | 550 | 380 | 238 | 1100 | 273 | G2" | ø28 | ø19 | Rc1/8" | Rc3/8" |
| CA-WN25 | 25 | 75600 | 1080 | 350 | 1320 | 400 | 80 | 100 | 120 | 340 | 190 | 550 | 380 | 238 | 1200 | 273 | G2" | ø35 | ø22 | Rc1/8" | Rc3/8" |
| CA-WN30 | 30 | 90720 | 1400 | 350 | 1620 | 400 | 100 | 100 | 120 | 340 | 190 | 550 | 380 | 238 | 1500 | 273 | G2" | ø35 | ø22 | Rc1/8" | Rc3/8" |



注：我公司另有板式换热器特殊规格的产品请与我公司联系。
Note: Contact our agent for customer need

板式换热器 Heat exchanger





THERMOSTATIC EXPANSION VALVES FOR R12,R134a,R22,R502,R404A,R507,etc. T2/TE2 SERIES



Thermostatic expansion valve regulate the flow of refrigerant liquid into the evaporator. The flow is controlled by the valve is thermal bulb which is attached to the suction line at the outlet of the evaporator. The thermal bulb senses the evaporator heat and adjusts the valve to admit refrigerant liquid in accordance with the refrigerating load.

丹佛斯热力膨胀阀T2/TE2型

热力膨胀阀用于调节蒸发器中的液体制冷剂的供给量。供给量是通过制冷剂的过热度进行控制的。因此，这种阀特别适用于干式蒸发器中制冷剂液体的供给，因为在干式蒸发器出口处的制冷剂过热度同蒸发器的负荷成比例关系。

| Refrigerant 制冷剂 | Models 阀型号 | Pressure equaliser 压力1)平衡管 | Capillary 毛细管 | 连接 Connections | | 产品代码 CODE NO. | | | | | |
|--------------------|---------------|-------------------------------|------------------|----------------|---------|------------------|----------|------------------|-------------------|------------------|----------|
| | | | | 进口x出口1) | | N系列 -40~+10°C | | NM系列 -40~-5°C | NL系列 -40~-15°C | B系列 -60~-25°C | |
| | | | | m | in.xin. | mmxnm | 不带MOP | 带MOP | 带MOP | 带MOP | 不带MOP |
| R22 | TX2 | 内平衡式 | 1.5 | 3/8x1/2 | 10x12 | 068Z3206 | 068Z3208 | 068Z3224 | 068Z3226 | 068Z3207 | 068Z3228 |
| | TEX2 | 外平衡式 | 1.5 | 3/8x1/2 | 10x12 | 168Z3209 | 068Z3211 | 068Z3225 | 068Z3227 | 068Z3210 | 068Z3229 |
| R407C | TZ2 | 内平衡式 | 1.5 | 3/8x1/2 | 10x12 | 068Z3496 | 066Z3516 | | | | |
| | TEZ2 | 外平衡式 | 1.5 | 3/8x1/2 | 10x12 | 068Z3501 | 068Z3517 | | | | |
| R134a | TN2 | 内平衡式 | 1.5 | 3/8x1/2 | 10x12 | 068Z3346 | 068Z3347 | 068Z3393 | 068Z3369 | | |
| | TEN2 | 外平衡式 | 1.5 | 3/8x1/2 | 10x12 | 068Z3348 | 068Z3349 | 068Z3392 | 068Z3370 | | |
| R404A/ R507 | TS2 | 内平衡式 | 1.5 | 3/8x1/2 | 10x12 | 068Z3400 | 066Z3402 | 066Z3406 | 068Z3408 | 068Z3401 | 068Z3410 |
| | TES2 | 外平衡式 | 1.5 | 3/8x1/2 | 10x12 | 068Z3403 | 066Z3405 | 068Z3407 | 068Z3409 | 068Z3404 | 068Z3411 |
| R12 | TF2 | 内平衡式 | 1.5 | 3/8x1/2 | 10x12 | 068Z3202 | 069Z3236 | 068Z3220 | 068Z3222 | | |
| | TEF2 | 外平衡式 | 1.5 | 3/8x1/2 | 10x12 | 068Z3204 | 068Z3237 | 068Z3221 | 068Z3223 | | |
| R502 | TY2 | 内平衡式 | 1.5 | 3/8x1/2 | 10x12 | 068Z3212 | 068Z3214 | 068Z3230 | 068Z3232 | 068Z3213 | 068Z3234 |
| | TEY2 | 外平衡式 | 1.5 | 3/8x1/2 | 10x12 | 068Z3215 | 068Z3217 | 068Z3231 | 068Z3233 | 068Z3216 | 068Z3235 |

N系列: -40~+10°C

| Orifice number 流口编号 | Refrigeration capacity 名义制冷量 (TR) | | | | | | Rated capacity 名义制冷量 (KW) | | | | | | 产品代码 |
|---------------------------|-----------------------------------|-------|-------|---------------|-----|------|---------------------------|-------|-------|---------------|------|------|----------|
| | R22 | R407C | R134a | R404A R507 | R12 | R502 | R22 | R407C | R134a | R404A R507 | R12 | R502 | |
| 0X | 0.15 | 0.16 | 0.11 | 0.11 | | | 0.5 | 0.5 | 0.4 | 0.38 | | | 068-2002 |
| 0 | 0.3 | 0.3 | 0.25 | 0.21 | 0.2 | 0.2 | 1 | 1.1 | 0.9 | 0.7 | 0.7 | 0.7 | 068-2003 |
| 1 | 0.7 | 0.8 | 0.5 | 0.45 | 0.3 | 0.3 | 2.5 | 2.7 | 1.8 | 1.6 | 1 | 1 | 068-2010 |
| 2 | 1 | 1.1 | 0.8 | 0.6 | 0.5 | 0.5 | 3.5 | 3.8 | 2.6 | 2.1 | 1.7 | 1.7 | 068-2015 |
| 3 | 1.5 | 1.6 | 1.3 | 1.2 | 1 | 1 | 5.2 | 5.6 | 4.6 | 4.2 | 3.5 | 3.5 | 068-2006 |
| 4 | 2.3 | 2.5 | 1.9 | 1.7 | 1.5 | 1.5 | 8 | 8.6 | 6.7 | 6 | 5.2 | 5.2 | 068-2007 |
| 5 | 3 | 3.2 | 2.5 | 2.2 | 2 | 2 | 10.5 | 11.3 | 8.6 | 7.7 | 7 | 7 | 068-2008 |
| 6 | 4.5 | 4.9 | 3 | 2.6 | 3 | 3 | 15.5 | 16.7 | 10.5 | 9.1 | 10.5 | 10.5 | 068-2009 |

名义制冷量基于:

蒸发温度: N系列 $T_e=+5^{\circ}\text{C}$ B系列 $T_e=-30^{\circ}\text{C}$

冷凝温度: $T_c=32^{\circ}\text{C}$ 阀前制冷剂温度: $T_1=28^{\circ}\text{C}$

Rated capacity at $+5^{\circ}\text{C}$ evaporating temperature and 32°C condensing temperature

Refrigerant liquid temperature ahead of valve $+28^{\circ}\text{C}$



THERMOSTATIC EXPANSION VALVES R22 TE5/TE55 SERIES

丹佛斯热力膨胀阀TE5/TE55型

热力感温元件R22

| Models 阀型号 | Pressure equaliser 压力平衡管 | Capillary 毛细管 | 产品代码 CODE NO. | | | | | |
|---------------|-----------------------------|------------------|---------------|----------|----------|----------|----------|----------|
| | | | N系列 | | NM系列 | NL系列 | B系列 | |
| | | | -40~+10℃ | | -40~-5℃ | -40~-15℃ | -60~-25℃ | |
| | 1/4 in./6mm | m | 无MOP | MOP+15℃ | MOP 0℃ | MOP 0℃ | 无MOP | MOP -20℃ |
| TEX5 | Ext.1) | 3 | 067B3250 | 067B3267 | 067B3249 | 067B3253 | 067B3263 | 067B3251 |
| TEX12 | Ext.2) | 3 | 067B3210 | 067B3227 | 067B3207 | 067B3213 | | 067B3211 |
| TEX12 | Ext.2) | 5 | 067B3209 | | | | | 067B3212 |
| TEX20 | Ext.2) | 3 | 067B3274 | 067B3286 | 067B3273 | 067B3275 | | 067B3276 |
| TEX20 | Ext.2) | 5 | 067B3290 | | | | | 067B3287 |
| TEX55 | Ext.2) | 3 | 067G3205 | 067G3220 | 067B3206 | | | 067G3207 |
| TEX55 | Ext.2) | 5 | 067G3209 | | | | | 067G3217 |

- 1) 需要焊接压力平衡管接口的用户请与我公司联系。
- 2) 通用附件：焊接接头用于TE12, TE20和TE55, 产品代码068B0170

流口组件

| Models 阀型号 | Nominal Capacity "N" series 名义制冷量 N 系列 -40~+10℃ | Nominal Capacity "B" series 名义制冷量 N 系列 -60~-25℃ | Serial number 流口编号 | CODE number 产品代码 |
|---------------|---|---|--------------------------|------------------------|
| | kW | kW | | |
| TEX5-3 | 19.7 | 11.9 | 01 | 067B2089 |
| TEX5-4.5 | 26.9 | 16.7 | 02 | 067B2090 |
| TEX5-7.5 | 38.8 | 24.8 | 03 | 067B2091 |
| TEX5-12 | 55.3 | 35.4 | 04 | 067B2092 |
| TEX12-4.5 | 26.8 | 17.2 | 01 | 067B2005 |
| TEX12-7.5 | 43.4 | 28.2 | 02 | 067B2006 |
| TEX12-12 | 64 | 41.4 | 03 | 067B2007 |
| TEX12-18 | 84.4 | 55.9 | 04 | 067B2008 |
| TEX20-30 | 108 | 70 | 01 | 067B2172 |
| TEX55-50 | 239 | 148 | 01 | 067G2005 |
| TEX55-85 | 356 | 228 | 02 | 067G2006 |

阀体

| Type 型号 | 流口编号 | connection 连接进口x出口 | | Code No. 产品代码 | | | |
|------------|-------|-------------------------------------|---------|-----------------|------------------------|------------------------|------------------------|
| | | in. | mm | Flare 喇叭口角型阀 | Solder 焊接角型阀 | Solder 焊接直通阀 | 钎焊法兰 |
| | | TE5 | 01-03 | 1/2 x 5/8 | | 067B4013 | 067B4009 |
| | 03 | 1/2 x 7/8 | | | 067B4010 | 067B4008 | |
| | 04 | 5/8 x 7/8 | | | 067B4011 | | |
| TE5 | 01-03 | | 12 x 16 | 067B4013 | 067B4004 | 067B4002 | |
| | 03 | | 12 x 22 | | 067B4005 | 067B4003 | |
| | 04 | | 16 x 22 | | 067B4012 | | |
| TE12 | 01-02 | 5/8 x 7/8 | | | 067B4022 ¹⁾ | 067B4020 ¹⁾ | 067B4025 ¹⁾ |
| | 03-04 | 7/8 x 1 | | | | | 067B4026 ¹⁾ |
| | 03-04 | 7/8 x 1 ^{1/8} | | | 067B4023 ²⁾ | 067B4021 ²⁾ | |
| TE12 | 01-02 | | 16 x 22 | | | 067B4018 ¹⁾ | 067B4027 ¹⁾ |
| | 03-04 | | 22 x 25 | | | | 067B4015 ¹⁾ |
| | 03-04 | | 22 x 28 | | 067B4017 ²⁾ | 067B4016 ²⁾ | |
| TE20 | 01 | 7/8 x 1 ^{1/8} | | | 067B4023 ²⁾ | 067B4021 ²⁾ | |
| | 01 | | 22 x 28 | | 067B4017 ²⁾ | 067B4016 ²⁾ | |
| TE55 | 01-02 | 1 ^{1/8} x 1 ^{3/8} | | | 067G4004 ³⁾ | 067G4003 ³⁾ | |
| | 01-02 | | 28 x 35 | | 067G4002 ³⁾ | 067G4001 ³⁾ | |

1) 外径X外径 2) 外径X内径 3) 内径X内径

名义制冷量基于：
 蒸发温度：N系列Te=+5℃ B系列Te=-30℃
 冷凝温度：Tc=32℃ 阀前制冷剂温度：T1=28℃

Rated capacity at +5℃ evaporating temperature and 32℃ condensing temperature
 Refrigerant liquid temperature ahead of valve+28℃



THERMOSTATIC EXPANSION VALVES R404A/R507 TE5/TE55 SERIES

丹佛斯热力膨胀阀TE5/TE55型

热力感温元件R404A/R507

| Models 阀型号 | Pressure equaliser 压力平衡管 | Capillary 毛细管 | 产品代码 CODE NO. | | | | | |
|---------------|-----------------------------|------------------|---------------|---------|----------|----------|----------|----------|
| | | | N系列 | | NM系列 | NL系列 | B系列 | |
| | | | -40~+10℃ | | -40~-5℃ | -40~-15℃ | -60~-25℃ | |
| | 1/4 in./6mm | m | 无MOP | MOP+15℃ | MOP 0℃ | MOP 0℃ | 无MOP | MOP -20℃ |
| TES5 | Ext.1) | 3 | 067B3342 | | 067B3357 | 067B3358 | 067B3344 | 067B3343 |
| TEX12 | Ext.2) | 3 | 067B3347 | | 067B3345 | 067B3348 | | 067B3349 |
| TEX12 | Ext.2) | 5 | 067B3346 | | | | | 067B3350 |
| TEX20 | Ext.2) | 3 | 067B3352 | | 067B3351 | 067B3353 | | 067B3354 |
| TEX20 | Ext.2) | 5 | 067B3356 | | | | | 067B3355 |
| TEX55 | Ext.2) | 3 | 067G3302 | | 067B3303 | 067B3304 | | 067G3305 |
| TEX55 | Ext.2) | 5 | 067G3301 | | | | | 067G3306 |

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- 2) 通用附件：焊接接头用于TE12, TE20和TE55, 产品代码068B0170

流口组件

| Models 阀型号 | Nominal Capacity "N" series 名义制冷量N系列 -40~+10℃ | Nominal Capacity "B" series 名义制冷量B系列 -60~-25℃ | Serial number 流口编号 | CODE number 产品代码 |
|---------------|---|---|--------------------------|------------------------|
| | kW | kW | | |
| TES5-3.7 | 13 | 8 | 01 | 067B2089 |
| TES5-5.0 | 17.6 | 11.2 | 02 | 067B2090 |
| TES5-7.2 | 25.3 | 16.6 | 03 | 067B2091 |
| TES5-10.3 | 36.2 | 23.7 | 04 | 067B2092 |
| TES12-4.2 | 14.8 | 11.6 | 01 | 067B2005 |
| TES12-6.8 | 23.9 | 18.9 | 02 | 067B2006 |
| TES12-10.0 | 35.2 | 27.7 | 03 | 067B2007 |
| TES12-13.4 | 47.1 | 37.5 | 04 | 067B2008 |

阀体

| Type 型号 | 流口编号 | connection连接进口x出口 | | Code No.产品代码 | | | |
|------------|-------|-------------------|---------|-----------------|------------------------|------------------------|------------------------|
| | | in. | mm | Flare 喇叭口角型阀 | Solder 焊接角型阀 | Solder 焊接直通阀 | 钎焊法兰 |
| TE5 | 01-03 | 1/2 x 5/8 | | 067B4013 | 067B4009 | 067B4007 | |
| | 03 | 1/2 x 7/8 | | | 067B4010 | 067B4008 | |
| | 04 | 5/8 x 7/8 | | | 067B4011 | | |
| TE5 | 01-03 | | 12 x 16 | 067B4013 | 067B4004 | 067B4002 | |
| | 03 | | 12 x 22 | | 067B4005 | 067B4003 | |
| | 04 | | 16 x 22 | | 067B4012 | | |
| TE12 | 01-02 | 5/8 x 7/8 | | | 067B4022 ¹⁾ | 067B4020 ¹⁾ | 067B4025 ¹⁾ |
| | 03-04 | 7/8 x 1 | | | | | 067B4026 ¹⁾ |
| | 03-04 | 7/8 x 1 1/8 | | | 067B4023 ²⁾ | 067B4021 ²⁾ | |
| TE12 | 01-02 | | 16 x 22 | | | 067B4018 ¹⁾ | 067B4027 ¹⁾ |
| | 03-04 | | 22 x 25 | | | | 067B4015 ¹⁾ |
| | 03-04 | | 22 x 28 | | 067B4017 ²⁾ | 067B4016 ²⁾ | |
| TE20 | 01 | 7/8 x 1 1/8 | | | 067B4023 ²⁾ | 067B4021 ²⁾ | |
| | 01 | | 22 x 28 | | 067B4017 ²⁾ | 067B4016 ²⁾ | |
| TE55 | 01-02 | 1 1/8 x 1 3/8 | | | 067G4004 ³⁾ | 067G4003 ³⁾ | |
| | 01-02 | | 28 x 35 | | 067G4002 ³⁾ | 067G4001 ³⁾ | |

- 1) 外径X外径 2) 外径X内径 3) 内径X内径

名义制冷量基于：
蒸发温度：N系列Te=+5℃ B系列Te=-30℃
冷凝温度：Tc=32℃ 阀前制冷剂温度：T1=28℃

Rated capacity at +5℃ evaporating temperature and 32℃ condensing temperature
Refrigerant liquid temperature ahead of valve+28℃



SOLENOID VALVES EVR SERIES FOR R12, R134a, R22, R502, R404A, R507, etc.



Solenoid valves are electrically-controlled open or closed refrigerant flow control valves designed for use in liquid, suction and hot gas lines. A normally closed solenoid valve is closed when the coil is de-energised and the plunger is seated. When the solenoid coil is energised, the magnetic effect of the coil lifts the plunger and opens the valve. Normally open solenoid valves have reverse action. They are used in refrigeration systems for refrigerators and freezer display cabinets, cold stores and deep freeze stores, milk coolers, water coolers and in air-conditioning plants.

丹佛斯电磁阀EVR系列

EVR型电磁阀为直径式或伺服式电磁阀，用于氟化物制冷剂的液体管路、吸气管路和热气管路/
EVR型电磁阀可提供整体供货。如果需要，也可提供分体供货，即可以提供单独的零部件，如阀体、电磁阀线圈和法兰等。

| Type 型号 | Line Type 所需线圈型号 | 连接尺寸 Dimensions | | 产品代码（阀体不带线圈） Danfoss Code No. | | | | |
|------------|---------------------|-----------------|-----|-------------------------------|------------|----------|----------|----------|
| | | | | 喇叭口 ¹⁾ | Solder外径钎焊 | | | |
| | | in. | mm | in./mm | in. | mm | 带手动操作 | 不带手动操作 |
| EVR2 | a.c. | 1/4 | 6 | 032F1200 | 032F1201 | 032F1202 | | |
| EVR3 | | 1/4 | 6 | 032F1205 | 032F1206 | 032F1207 | | |
| | | 3/8 | 10 | 032F1203 | 032F1204 | 032F1208 | | |
| EVR6 | | 3/8 | 10 | 032F1211 | 032F1212 | 032F1213 | | |
| | | 1/2 | 12 | 032F1235 | 032F1209 | 032F1236 | | |
| EVR10 | | 1/2 | 12 | 032F1215 | 032F1217 | 032F1218 | | |
| | | 5/8 | 16 | 032F1238 | 032F1214 | 032F1214 | | |
| EVR15 | | 5/8 | 16 | 032F1221 | 032F1228 | 032F1228 | | |
| | | 5/8 | 16 | 032F1231 ²⁾ | | | 032F1227 | |
| | | 7/8 | 22 | | 032F1225 | 032F1225 | | |
| EVR20 | | a.c. | 7/8 | 22 | | 032F1240 | 032F1240 | |
| | 7/8 | | 22 | | | | 032F1254 | |
| | d.c. | 1-1/8 | 28 | | 032F1244 | 032F1245 | | |
| | | 7/8 | 22 | | 032F1264 | 032F1264 | | |
| EVR22 | | 7/8 | 22 | | | | 032F1274 | |
| | | 1-3/8 | 35 | | 032F3267 | 032F3267 | | |
| EVR25 | | 1-1/8 | | | | | 032F2200 | 032F2201 |
| | | | 28 | | | | 032F2205 | 032F2206 |
| | | 1-3/8 | 35 | | | | 032F2207 | 032F2208 |
| EVR32 | | 1-3/8 | 35 | | | | 042H1105 | 042H1106 |
| | | 1-5/8 | | | | | 042H1103 | 042H1104 |
| | | | 42 | | | | 042H1107 | 042H1108 |
| EVR40 | | 1-5/8 | | | | | 042H1109 | 042H1110 |
| | | | 42 | | | | 042H1113 | 042H1114 |
| | 2-1/8 | 54 | | | | 042H1111 | 042H1112 | |



SOLENOID COILS FOR EVR AND EVSI VALVES



Solenoid valves are electrically-controlled open or closed refrigerant flow control valves designed for use in liquid, suction and hot gas lines. A normally closed solenoid valve is closed when the coil is de-energised and the plunger is seated. When the solenoid coil is energised, the magnetic effect of the coil lifts the plunger and opens the valve. Normally open solenoid valves have reverse action. They are used in refrigeration systems for refrigerators and freezer display cabinets, cold stores and deep freeze stores, milk coolers, water coolers and in air-conditioning plants.

丹佛斯电磁阀用线圈

SOLENOID VALVE MOUNTING BRACKET

电磁阀用线圈适用于制冷系统中常常出现的各种高温、温度波动大的恶劣环境。新型的卡夹式固定系统可以保证线圈准确无误的安装和拆除。Danfoss的卡式线圈可不借助任何工具安装，而且只要一只螺丝刀就可以简单地拆卸下来。Danfoss所有制冷、冷冻和空调用电磁阀均可配用卡夹式线圈、电磁阀线圈和法兰等。

| Type 阀型号 | PCN 产品代码 | | | | | | NO. 后缀 编码*) | power 功耗 消耗 |
|------------------|----------|-----------|-------------|----------|----------------|----------------|-------------------|---------------------------------------|
| | Voltage | Frequency | 带1m三芯 电缆 | 带接线盒 | 带DIN插头 和保护罩 | 带DIN 插头* *) | | |
| | V | Hz | I P 67 | I P 67 | I P 20 | | | |
| 交流 a. c. | | | | | | | | |
| EVR-40 (NC) | 12 | 50 | 018F6256 | 018F6706 | 018F6181 | | 15 | 保持: 10W 21VA 启动: 44VA |
| EVR6-22 (NO) | 24 | 50 | 018F6257 | 018F6707 | 018F6182 | 018F7358 | 16 | |
| EVRC | 42 | 50 | 018F6258 | 018F6708 | 018F6183 | | 17 | |
| EVRA | 48 | 50 | 018F6259 | 018F6709 | 018F6184 | | 18 | |
| EVRAT | 115 | 50 | 018F6261 | 018F6711 | 018F6186 | 018F7361 | 22 | |
| EVR5/EVRST | 220-230 | 50 | 018F6251 | 018F6701 | 018F6176 | 018F7351 | 31 | |
| PKVD | 240 | 50 | 018F6252 | 018F6702 | 018F6177 | 018F7352 | 33 | |
| DVM (NC) | 380-400 | 50 | 018F6253 | 018F6703 | 018F6178 | | 37 | |
| | 420 | 50 | 018F6254 | 018F6704 | 018F6179 | | 38 | |
| | 24 | 60 | 018F6265 | 018F6715 | 018F6190 | | 14 | |
| | 115 | 60 | 018F6260 | 018F6710 | 018F6185 | | 20 | |
| | 220 | 60 | 018F6264 | 018F6714 | 018F6189 | | 29 | |
| | 240 | 60 | 018F6263 | 018F6713 | 018F6188 | | 30 | |
| | 110 | 50/60 | 018F6280 | 018F6730 | 018F6192 | 018F7360 | 21 | |
| | 220-230 | 50/60 | 018F6282 | 018F6732 | 018F6193 | 018F7363 | 32 | |
| EVR2-15 (NC) | 12 | | | 018F6856 | | | 1 | 20W |
| EVR25-40 (NC/NO) | 24 | | | 018F6857 | | | 2 | |
| EVR6-15 (NO) | 48 | | | 018F6859 | | | 4 | |
| EVRC10-15 | 110 | | | 018F6860 | | | 6 | |
| EVRA3-15 (NC) | 115 | | | 018F6861 | | | 7 | |
| EVRA25-40 (NC) | 220 | | | 018F6851 | | | 9 | |
| EVRAT10-15 (NC) | | | | | | | | |
| ERVS/EVRST5-15 | | | | | | | | |
| PKVD | | | | | | | | |
| EVM (NC/NO) | | | | | | | | |
| EVR20-22 (NC/NO) | 12 | | | 018F6886 | | | 1 | 20W |
| EVRC 20 | 24 | | | 018F6887 | | | 2 | |
| EVRA 20 | 48 | | | 018F6889 | | | 4 | |
| EVRAT 20 | 110 | | | 018F6890 | | | 6 | |
| EVRST 20 | 115 | | | 018F6891 | | | 7 | |
| | 220 | | | 018F6881 | | | 9 | |

*) 表示电压和频率
**) 只能用于DIN插座



EVAPORATOR PRESSURE REGULATORS TYPE KVP -FOR R22,R134a AND R507 KVP SERIES

Evaporator pressure regulators are used to maintain a constant evaporating pressure and hence a constant evaporator temperature; plus protection against too low an evaporating pressure since the regulator closes when the pressure in the evaporator falls below the setting. Located in the suction line at the evaporator outlet.



丹佛斯蒸发压力调节器KVP系列

KVP型蒸发压力调节器安装在蒸发器后的吸气管路上，被用于：

1. 维持恒定的蒸发压力，使蒸发器的表面温度保持恒定。调节器的控制是可以调节的。通过调节器在吸气管路上的节流作用，使制冷剂的流量同蒸发器的负荷相匹配。
2. 防止蒸发压力过低（如防止冷水机组中蒸发器冻裂）。当蒸发器中的压力低于设定值时，调节器关闭。
3. KVP型调节器也可用于一台压缩机配置蒸发压力不同的两个或两个以上蒸发器的制冷系统。

| Type 类型 | Refrigeration capacity 名义制冷量1) | | | | Flare喇叭口 连接2) | | Code No. 产品代码 | 焊接连接 | | Code No. 产品代码 |
|------------|--------------------------------|-------|------------|-------|------------------|----|------------------|-------|----|------------------|
| | Kw | | | | in. | mm | | in. | mm | |
| | R22 | R134a | R404A/R507 | R407C | | | | | | |
| KVP 12 | 4 | 2.8 | 3.6 | 3.7 | 1/2 | 12 | 034L0021 | 1/2 | | 034L0023 |
| | | | | | | | | | 12 | 034L0028 |
| KVP 15 | 4.0 | 2.8 | 3.6 | 3.7 | 5/8 | 16 | 034/0022 | 5/8 | 16 | 034L0029 |
| KVP 22 | 4.0 | 2.8 | 3.6 | 3.7 | | | | 7/8 | 22 | 034L0025 |
| KVP 28 | 8.6 | 6.1 | 7.7 | 7.9 | | | | 1-1/8 | | 034L0026 |
| | | | | | | | | | 28 | 034L0031 |
| KVP 35 | 8.6 | 6.1 | 7.7 | 7.9 | | | | 1-3/8 | 35 | 034L0032 |

- 1) 名义制冷量基于以下参数：
 蒸发温度 $t_e = -10^\circ\text{C}$
 冷凝温度 $t_c = +25^\circ\text{C}$
 调节器中压力降 $\Delta p = 0.2\text{bar}$
 调节补偿 $= 0.6\text{bar}$

- 2) KVP型调节器不包括喇叭口螺母
 1/2in.或6mm, 产品代码: 011L1103
 5/8in.或16mm, 产品代码: 011L167

当调节器进口处的气体流速超过40m/s时，会产生流动噪音。因此，调节器的接口尺寸不能选择大小

CAPACITY REGULATORS KVC SERIES

A capacity regulator is used for the adaption of the compressor capacity to the actual evaporator load. They are placed in a by-pass between high and low pressure sides of the refrigeration plant. In this position they impose a downward limit on the compressor suction pressure by supplying the low pressure side with replacement duty in the form of hot gas/cool gas from the high-pressure side.



丹佛斯能量调节器（热气旁通）KVC型

KVC型能量调节器用来调节压缩机的制冷量，使其与蒸发器的负荷相适应。KVC型能量调节器安装于制冷系统高/低压侧之间的旁通管路上。KVC通过旁通管路将高压侧的热气送入低压侧，以代替部分负荷，从而使压缩机的吸气压力不低于最低极限值。

| Type 类型 | Rated capacity 名义负荷1) | | | | Flare喇叭口 connections连接2) | | Code No. 产品代码 | Solder焊接 connections连接 | | Code No. 产品代码 |
|------------|-----------------------|-------|------------|-------|-----------------------------|----|------------------|---------------------------|----|------------------|
| | R22 | R134a | R404A/R507 | R407C | in. | mm | | in. | mm | |
| | | | | | | | | | | |
| KVC 12 | 7.6 | 4.8 | 6.9 | 8.4 | 1/2 | 12 | 034L0141 | 1/2 | | 034L0143 |
| | | | | | | | | | 12 | 034L0146 |
| KVC 15 | 14.9 | 9.4 | 13.6 | 16.4 | 5/8 | 16 | 034L0142 | 5/8 | 16 | 034L0147 |
| KVC 22 | 19.1 | 12.0 | 17.4 | 21.0 | | | | 7/8 | | 034L0144 |

- 1) 名义制冷量基于以下参数：
 蒸发温度 $t_e = -10^\circ\text{C}$
 冷凝温度 $t_c = +25^\circ\text{C}$
 调节器中压力降 $\Delta p = 0.2\text{bar}$
 调节补偿 $= 0.6\text{bar}$

- 2) KVP型调节器不包括喇叭口螺母
 1/2in.或6mm, 产品代码: 011L1103
 5/8in.或16mm, 产品代码: 011L167

当调节器进口处的气体流速超过40m/s时，会产生流动噪音。因此，调节器的接口尺寸不能选择大小



LIQUID LINE FILTER-DRIERS

DCL&DML SERIES

丹佛斯DCL&DML型干燥过滤器



Eliminator®液管用于干燥过滤器保护制冷和空调系统使其不含水分、酸和固体杂质。在这些污染物被消除后，系统就比较安全，不会发生有害的化学反应也不会存在有磨损性的杂质。

Eliminator®芯体有两种形式。DML型干燥过滤器的芯体组分是100%分子筛，而DCL型由80%分子筛和20%活性铝组成。

所有的Eliminator®干燥过滤器都是固体的芯体，其粘合材料保持在绝对最少的程度。芯体的选择主要根据系统中所用的制冷剂和润滑油。

具有100%分子筛的DML型Eliminator®干燥过滤器特别适用于使用HFC制冷剂和聚酯（POE）油或聚烷乙二醇（PAG）油的系统。DML型过滤器设计用于需要高的吸水能力的应用场合，并可以与任何制造商的压缩机一起使用。由于DML型干燥不含活性铝，油的添加剂将不会被消耗。

DCL型Eliminator®具有80%分子筛和20%活性铝的固体芯体，可用于HCFC和CFC制冷剂以及矿物油或烷基苯油系统。DCL型干燥器特别适用于运动在高冷凝温度和需要高干燥能力的系统中。

DCL

| Type 类型 | solder钎焊（铜） connect接口 in. | 钎焊接口 Port No. 产品代码 |
|------------|---------------------------------|--------------------------|
| DCL032s | 1/4 | 023Z5013 |
| DCL032.5s | 5/16 | 023Z5014 |
| DCL033s | 3/8 | 023Z5015 |
| DCL052s | 1/4 | 023Z5018 |
| DCL052.5s | 5/16 | 023Z5114 |
| DCL053s | 3/8 | 023Z5019 |
| DCL082s | 1/4 | 023Z5022 |
| DCL082.5s | 5/16 | 023Z5116 |
| DCL083s | 3/8 | 023Z5023 |
| DCL084s | 1/2 | 023Z5026 |
| DCL162s | 1/4 | 023Z5028 |
| DCL162.5s | 5/16 | 023Z5118 |
| DCL163s | 3/8 | 023Z5029 |
| DCL164s | 1/2 | 023Z5032 |
| DCL165s | 5/8 | 023Z5033 |
| DCL166s | 3/4 | 023Z5070 |
| DCL167s | 7/8 | 023Z5034 |
| DCL303s | 3/8 | 023Z0030 |
| DCL304s | 1/2 | 023Z0031 |
| DCL305s | 5/8 | 023Z0032 |
| DCL306s | 3/4 | 023Z0033 |
| DCL307s | 7/8 | 023Z0034 |
| DCL309s | 1-1/8 | 023Z0035 |
| DCL414s | 1/2 | 023Z0104 |
| DCL415s | 5/8 | 023Z0105 |
| DCL417s | 7/8 | 023Z0106 |
| DCL419s | 1-1/8 | 023Z0107 |
| DCL604s | 1/2 | 023Z0241 |
| DCL607s | 7/8 | 023Z0036 |
| DCL609s | 1-1/8 | 023Z0037 |
| DCL757s | 7/8 | 023Z0115 |
| DCL759s | 1-1/8 | 023Z0116 |

DML

| Type 类型 | flare喇叭口 connect接口 in. | 喇叭口接口 Port No. 产品代码 | solder钎焊（铜） 接口 in. | 钎焊接口 Port No. 产品代码 | 喇叭口接口 Type 类型 | 接口 in. | 喇叭口接口 Port No. 产品代码 | |
|------------|------------------------------|---------------------------|--------------------------|--------------------------|---------------------|-----------|---------------------------|----------|
| DCL032* | 1/4 | 023Z5000 | DML032s | 1/4 | 023Z5048 | DML032* | 1/4 | 023Z5035 |
| DCL032 | 1/4 | 023Z5075 | DML032.5s | 5/16 | 023Z5049 | DML033* | 3/8 | 023Z5036 |
| DCL033* | 3/8 | 023Z5001 | DML033s | 3/8 | 023Z5050 | DML033 | 3/8 | 023Z5090 |
| DCL033 | 3/8 | 023Z5089 | DML034s | 1/2 | 023Z5121 | DML052 | 1/4 | 023Z5037 |
| DCL052 | 1/4 | 023Z5002 | DML052s | 1/4 | 023Z5053 | DML053 | 3/8 | 023Z5038 |
| DCL053 | 3/8 | 023Z5003 | DML052.5s | 5/16 | 023Z5115 | DML082 | 1/4 | 023Z5039 |
| DCL082 | 1/4 | 023Z5004 | DML053s | 3/8 | 023Z5054 | DML083 | 3/8 | 023Z5040 |
| DCL083 | 3/8 | 023Z5005 | DML054s | 1/2 | 023Z5101 | DML084 | 1/2 | 023Z5041 |
| DCL084 | 1/2 | 023Z5006 | DML055s | 5/8 | 023Z5100 | DML085 | 5/8 | 023Z5073 |
| DCL162 | 1/4 | 023Z5007 | DML082S | 1/4 | 023Z5057 | DML162 | 1/4 | 023Z5042 |
| DCL163 | 3/8 | 023Z5008 | DML082.5s | 5/16 | 023Z5117 | DML163 | 3/8 | 023Z5043 |
| DCL164 | 1/2 | 023Z5009 | DML083s | 3/8 | 023Z5058 | DML164 | 1/2 | 023Z5044 |
| DCL165 | 5/8 | 023Z5010 | DML084s | 1/2 | 023Z5061 | DML165 | 5/8 | 023Z5045 |
| DCL166 | 3/4 | 023Z5011 | DML085s | 5/8 | 023Z5072 | DML166 | 3/4 | 023Z5046 |
| DCL303 | 3/8 | 023Z0012 | DML162s | 1/4 | 023Z5063 | DML303 | 3/8 | 023Z0049 |
| DCL304 | 1/2 | 023Z0013 | DML162.5s | 5/16 | 023Z5119 | DML304 | 1/2 | 023Z0050 |
| DCL305 | 5/8 | 023Z0014 | DML163s | 3/8 | 023Z5064 | DML305 | 5/8 | 023Z0051 |
| DCL306 | 3/4 | 023Z0156 | DML164s | 1/2 | 023Z5067 | DML306 | 3/4 | 023Z0193 |
| DCL413 | 3/8 | 023Z0101 | DML165s | 5/8 | 023Z5068 | DML413 | 3/8 | 023Z0108 |
| DCL414 | 1/2 | 023Z0102 | DML166s | 3/4 | 023Z5071 | DMML414 | 1/2 | 023Z0109 |
| DCL415 | 5/8 | 023Z0103 | DML167s | 7/8 | 023Z5069 | DML415 | 5/8 | 023Z0110 |
| | | | DML303s | 3/8 | 023Z0067 | | | |
| | | | DML304s | 1/2 | 023Z0068 | | | |
| | | | DML305s | 5/8 | 023Z0069 | | | |
| | | | DML306s | 3/4 | 023Z0070 | | | |
| | | | DML307s | 7/8 | 023Z0071 | | | |
| | | | DML309s | 1-1/8 | 023Z0072 | | | |
| | | | DML414s | 1/2 | 023Z0111 | | | |
| | | | DML415s | 5/8 | 023Z0112 | | | |
| | | | DML417s | 7/8 | 023Z0113 | | | |
| | | | DML419s | 1-1/8 | 023Z0114 | | | |
| | | | DML604s | 1/2 | 023Z0224 | | | |
| | | | DML606s | 3/4 | 023Z0225 | | | |
| | | | DML607s | 7/8 | 023Z0073 | | | |
| | | | DML609s | 1-1/8 | 023Z0074 | | | |
| | | | DML757s | 7/8 | 023Z0117 | | | |
| | | | DML759s | 1-1/8 | 023Z0118 | | | |


LIQUID & MOISTURE INDICATORS
丹佛斯SGI, SGN, SGR和SGRN型视液镜


视液镜用于指示：

1. 制冷装置中液体管路的制冷剂状况；
2. 制冷剂中的含水量；
3. 来自油分离器的回油管路中润滑油的流动状况；

SGI, SGN, SGR, SGRI和SGRN型视液镜可用于CFC, HCFC和HFC制冷剂。

 SGI和SGN型视液镜带有一指示器，通过改变颜色来指示制冷剂中的含水量。
 SGR型视液镜液可用于显示储液器中制冷剂的液位或压缩机曲轴箱中润滑油的液位。
 SGRN和SGRI是一个与SGR相似的视液镜，但它同时还带有一个含水量指示器。

所有视液镜上的含水量指示器是防污型的。

| Type 类型 | Connection 接口形式 | Size 接口 | | Part No. 产品代码 | |
|------------|--------------------|-----------------------|-----------|------------------|----------|
| | | in | mm | | |
| SGI 6 | Flare 喇叭口 | 1/4 x 1/4 | 6 x 6 | 014-0007 | |
| SGI 10 | | 3/8 x 3/8 | 10 x 10 | 014-0008 | |
| SGI 12 | 外径 x 外径 | 1/2 x 1/2 | 12 x 12 | 014-0009 | |
| SGI 16 | | 5/8 x 5/8 | 16 x 16 | 014-0024 | |
| SGI 19 | | 3/4 x 3/4 | 19 x 19 | 014-0028 | |
| SGI 6 | | 1/4 x 1/4 | 6 x 6 | 014-0021 | |
| SGI 10 | Flare 喇叭口 | 3/8 x 3/8 | 10 x 10 | 014-0022 | |
| SGI 12 | | 外径 x 外径 1) | 1/2 x 1/2 | 12 x 12 | 014-0025 |
| SGI 16 | | | 5/8 x 5/8 | 16 x 16 | 014-0026 |
| SGI 19 | | | 3/4 x 3/4 | 19 x 19 | 014-0043 |
| SGI 6s | 1/4 x 1/4 | | | 014-0034 | |
| SGI 10s | 外径 x 外径 | 3/8 x 3/8 | | 014-0035 | |
| SGI 12s | | 1/2 x 1/2 | | 014-0036 | |
| SGI 16s | | Solder 钎焊 | 5/8 x 5/8 | 16 x 16 | 014-0044 |
| SGI 19s | | | 3/4 x 3/4 | 19 x 19 | 014-0047 |
| SGI 22s | | 7/8 x 7/8 | 22 x 22 | 014-0039 | |
| SGI 6s | 外径 x 外径 | | 6 x 6 | 014-0040 | |
| SGI 10s | | | 10 x 10 | 014-0041 | |
| SGI 12s | | Solder 钎焊 | | 12 x 12 | 014-0042 |
| SGI 18s | | | | 18 x 18 | 014-0045 |
| SGI 6s | 外径 x 外径 | 1/4 x 1/4 | | 014-0125 | |
| SGI 10s | | 3/8 x 3/8 | | 014-0126 | |
| SGI 12s | | Solder 钎焊 | 1/2 x 1/2 | | 014-0127 |
| SGI 16s | | | 5/8 x 5/8 | 16 x 16 | 014-0128 |
| SGI 22s | | 7/8 x 7/8 | 22 x 22 | 014-0130 | |
| SGR 3/4 | 管螺纹 | G 3/4 A ²⁾ | | 014-0004 | |
| SGR 3/4 | NPT | 3/4 NPT | | 014-0005 | |
| SGR 1/2 | NPT | 1/2 NPT | | 014-0002 | |

1) 可以直接拧入干燥过滤器

2) ISO 228/1

| | | | | | |
|---------|--------------|---------------|-----------|----------|----------|
| SGN 6 | Flare 喇叭口 | 1/4 x 1/4 | 6 x 6 | 014-0161 | |
| SGN 10 | | 3/8 x 3/8 | 10 x 10 | 014-0162 | |
| SGN 12 | 外径 x 外径 | 1/2 x 1/2 | 12 x 12 | 014-0163 | |
| SGN 16 | | 5/8 x 5/8 | 16 x 16 | 014-0164 | |
| SGN 19 | | 3/4 x 3/4 | 19 x 19 | 014-0165 | |
| SGN 6 | | Flare 喇叭口 | 1/4 x 1/4 | 6 x 6 | 014-0171 |
| SGN 10 | 3/8 x 3/8 | | 10 x 10 | 014-0172 | |
| SGN 12 | 外径 x 外径 1) | | 1/2 x 1/2 | 12 x 12 | 014-0173 |
| SGN 16 | | | 5/8 x 5/8 | 16 x 16 | 014-0174 |
| SGN 19 | | 3/4 x 3/4 | 19 x 19 | 014-0175 | |
| SGN 6s | | 1/4 x 1/4 | | 014-0181 | |
| SGN 10s | 外径 x 外径 | 3/8 x 3/8 | | 014-0182 | |
| SGN 12s | | 1/2 x 1/2 | | 014-0183 | |
| SGN 16s | | Solder 钎焊 | 5/8 x 5/8 | 16 x 16 | 014-0184 |
| SGN 19s | | | 3/4 x 3/4 | 19 x 19 | 014-0185 |
| SGN 22s | | 7/8 x 7/8 | 22 x 22 | 014-0186 | |
| SGN 22s | | 1-1/8 x 1-1/8 | | 014-0187 | |
| SGN 6 | 外径 x 外径 | | 6 x 6 | 014-0191 | |
| SGN 10s | | | 10 x 10 | 014-0192 | |
| SGN 12s | | Solder 钎焊 | | 12 x 12 | 014-0193 |
| SGN 18s | | | | 18 x 18 | 014-0195 |
| SGN 6s | 外径 x 外径 | 1/4 x 1/4 | | 014-0201 | |
| SGN 10s | | 3/8 x 3/8 | | 014-0202 | |
| SGN 12s | | Solder 钎焊 | 1/2 x 1/2 | | 014-0203 |
| SGN 16s | | | 5/8 x 5/8 | 16 x 16 | 014-0204 |
| SGN 22s | | 7/8 x 7/8 | 22 x 22 | 014-0206 | |
| SGRN | NPT | 1/2 NPT | | 014-0006 | |



ONE-WAY VALVE NRV&NRVH SERIES

丹佛斯NRV&NRVH型止逆阀

NRV和NRVH型止逆阀可用于采用氟化物制冷剂的制冷和空气调节装置的液体、吸气和热气管路上。

NRV和NRVH型止逆阀可提供超大尺寸连接件，以提高止逆阀应用的灵活性。



| Type 类型 | Pattern 形式 | connection size连接 in. | | connection size连接 mm | | 通过阀的 压力降 $\Delta p^{(2)}$ bar | kv 值 ³⁾ m ³ /h | | | |
|------------------------|---------------|--------------------------|----------------------|-------------------------|----------|-------------------------------------|--------------------------------------|----------|------|------|
| | | 尺寸 | 产品代码 | 尺寸 | 产品代码 | | | | | |
| NRV 6 | 直通型 | Flare喇叭口 连接 | 1/4 | 020-1040 | 6 | 020-1040 | 0.07 | 0.56 | | |
| NRV 10 | | | 3/8 | 020-1041 | 10 | 020-1041 | 0.05 | 1.43 | | |
| NRV 12 | | | 1/2 | 020-1042 | 12 | 020-1042 | | 2.05 | | |
| NRV 16 | | | 5/8 | 020-1043 | 16 | 020-1043 | | 3.6 | | |
| NRV 19 | | | 3/4 | 020-1044 | 19 | 020-1044 | | 5.5 | | |
| MRV 6s | | 1/4 | 020-1010 | 6 | 020-1014 | 0.07 | | 0.56 | | |
| NRV 6s ¹⁾ | | 3/8 | 020-1057 | 10 | 020-1050 | 0.07 | 1.43 | | | |
| NRVH 6s ¹⁾ | | 3/8 | 020-1069 | 10 | 020-1062 | | | 0.3 | | |
| NRV 10s | | 3/8 | 020-1011 | 10 | 020-1015 | | | 0.07 | | |
| NRVH 10s | | 3/8 | 020-1046 | 10 | 020-1036 | | | 0.3 | | |
| NRV 10s ¹⁾ | | 1/2 | 020-1058 | 12 | 020-1051 | | | 0.07 | | |
| NRVH 10s ¹⁾ | | 1/2 | 020-1070 | 12 | 020-1063 | 0.3 | 2.05 | | | |
| NRV 12s | | 1/2 | 020-1012 | 12 | 020-1016 | 0.05 | | | | |
| NRVH 12s | | 1/2 | 020-1039 | 12 | 020-1037 | 0.3 | | | | |
| NRV 12s ¹⁾ | | 5/8 | 020-1052 | 16 | 020-1052 | 0.05 | | | | |
| NRVH 12s ¹⁾ | | 5/8 | 020-1064 | 16 | 020-1064 | 0.3 | | | | |
| NRV 16s | | 直角型 | Solder钎焊 连接 外径 | 5/8 | 020-1018 | 16 | 020-1018 | 0.05 | 3.6 | |
| NRVH 16s | | | | 5/8 | 020-1038 | 16 | 020-1038 | 0.3 | | |
| NRV 16s ¹⁾ | | | | | | 18 | 020-1053 | 0.05 | | |
| NRVH 16s ¹⁾ | | | | | 18 | 020-1065 | 0.3 | 5.5 | | |
| NRV 16s ¹⁾ | 3/4 | | | 020-1059 | 19 | 020-1059 | 0.05 | | | |
| NRVH 16s ¹⁾ | 3/4 | | | 020-1071 | 19 | 020-1071 | 0.3 | | | |
| NRV 19s | | | | | 18 | 020-1017 | 0.05 | | | |
| NRVH 19s | | | | | 18 | 020-1008 | 0.3 | | | |
| NRV 19s | 3/4 | | | 020-1019 | 19 | 020-1019 | 0.05 | | | |
| NRVH 19s | 3/4 | | 020-1023 | 19 | 020-1023 | 0.3 | 8.5 | | | |
| NRV 19s ¹⁾ | 7/8 | | 020-1054 | 22 | 020-1054 | 0.05 | | | | |
| NRVH 19s ¹⁾ | 7/8 | | 020-1066 | 22 | 020-1066 | 0.3 | | | | |
| NRV 22s | 直角型 | | Solder钎焊 连接 外径 | 7/8 | 020-1020 | 22 | 020-1020 | 0.04 | 8.5 | |
| NRVH 22s | | | | 7/8 | 020-1032 | 22 | 020-1032 | 0.3 | | |
| NRV 22s ¹⁾ | | | | 1-1/8 | 020-1060 | 28 | 020-1055 | 0.04 | | |
| NRVH 22s ¹⁾ | | | | 1-1/8 | 020-1072 | 28 | 020-1067 | 0.3 | 19.0 | |
| NRV 28s | | | | 1-1/8 | 020-1021 | 28 | 020-1025 | 0.04 | | |
| NRVH 28s | | | | 1-1/8 | 020-1029 | 28 | 020-1033 | 0.3 | | |
| NRV 28s ¹⁾ | | | | 1-3/8 | 020-1056 | 35 | 020-1056 | 0.04 | | |
| NRVH 28s ¹⁾ | | 1-3/8 | | 020-1068 | 35 | 020-1068 | 0.3 | | | |
| NRV 35s | | 直角型 | | Solder钎焊 连接 外径 | 1-3/8 | 020-1026 | 35 | 020-1026 | 0.04 | 29.0 |
| NRVH 35s | | | | | 1-3/8 | 020-1034 | 35 | 020-1034 | 0.3 | |
| NRV 35s ¹⁾ | | | | | 1-5/8 | 020-1061 | 42 | 020-1027 | 0.04 | |
| NRVH 35s ¹⁾ | | | | | 1-5/8 | 020-1073 | 42 | 020-1035 | 0.3 | |



LIQUID LINE FILTER-DRIERS

EK&ATDS SERIES

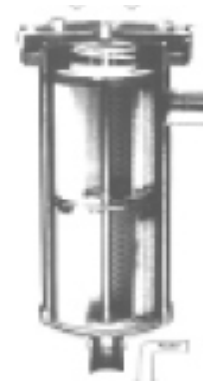
美国艾墨生EK&ATDS型干燥过滤器



| EK 型号 | 吸水量(水滴) | | | 元件直径 | 总长度 | 接口尺寸 | 系统吨数 |
|----------|--------------|----------|-------|----------|----------|------------|----------|
| | 按液体温度 @125°F | | | | | | |
| | R12 | R22 | R502 | 英寸 | 英寸 | 英寸 | 冷吨(Tons) |
| EK-032 | 35 | 30 | 32 | 1-5/8" | 4-3/8" | 1/4" SAE | 1/4 |
| EK-033 | | | | | 4-11/16" | 3/8" SAE | 1/4 |
| EK-052 | 64 | 50 | 54 | 2-5/8" | 4-13/16" | 1/4" SAE | 1/3 |
| EK-053 | | | | | 5-1/8" | 3/8" SAE | 1 |
| EK-082 | 106 | 80 | 87 | 2-5/8" | 5-5/8" | 1/4" SAE | 1 |
| EK-083 | | | | | 5-15/16" | 3/8" SAE | 1 |
| EK-083 S | | | | | 5-15/16" | 3/8" ODF | 1 |
| EK-084 | | | | | 6-3/16" | 1/2" SAE | 1-1/2 |
| EK-084 S | | | | | 6-3/16" | 1/2" ODF | 1-1/2 |
| EK-163 | | | | | 198 | 160 | 171 |
| EK-164 | 7-1/16" | 1/2" SAE | 2 | | | | |
| EK-164 S | 7-1/16" | 1/2" ODF | 2 | | | | |
| EK-165 | 7-1/2" | 5/8" SAE | 2-1/2 | | | | |
| EK-165 S | 7-1/2" | 5/8" ODF | 2-1/2 | | | | |
| EK-304 | 378 | 300 | 323 | 3-11/16" | | | |
| EK-305 | | | | | 10-5/16" | 5/8" SAE | 4 |
| EK-305 S | | | | | 10-5/16" | 5/8" ODF | 4 |
| EK-307 S | | | | | 9-7/8" | 7/8" ODF | 5 |
| EK-414 | 499 | 410 | 438 | 3-11/16" | 10" | 1/2" SAE | 5 |
| EK-415 | | | | | 10-7/16" | 5/8" SAE | 7-1/2 |
| EK-419 S | | | | | 10-5/16" | 1-1/8" ODF | 10 |
| EK-757 S | | | | | 15-7/16" | 7/8" ODF | 10 |
| EK-759 S | 1070 | 750 | 833 | 3-11/16" | 15-3/4" | 1-1/8" ODF | 20 |



| 型号 | 接口尺寸 焊接式 | 过滤块材 件数 | 芯体 | 干燥剂份量 立方寸 | 总长度 英寸 |
|------------|-------------|------------|------|--------------|-----------|
| ATDS-485 | 5/8 | 1 | D-48 | 48 | 9-15/32 |
| ATDS-487 | 7/8 | | | | 9-11/16 |
| ATDS-489 | 1-1/8 | | | | 9-3/4 |
| ATDS-4811 | 1-3/8 | | | | 9-27/32 |
| ATDS-967 | 7/8 | 2 | OR | 96 | 15-3/16 |
| ATDS-969 | 1-1/8 | | | | 15-7/32 |
| ATDS-9611 | 1-3/8 | | | | 15-5/16 |
| ATDS-9613 | 1-5/8 | | | | 15-3/8 |
| ATDS-1449 | 1-1/8 | 3 | D-48 | 144 | 21-1/4 |
| ATDS-14411 | 1-3/8 | | | | 21-11/32 |
| ATDS-14413 | 1-5/8 | | | | 21-3/8 |
| ATDS-14417 | 2-1/8 | | | | 21-9/16 |
| ATDS-19211 | 1-1/8 | 4 | H-48 | 192 | 26-29/32 |
| ATDS-19213 | 1-3/8 | | | | 26-15/16 |
| ATDS-19217 | 2-1/8 | | | | 27-1/8 |



注：有关美国艾墨生(艾高)其他产品的资料请在网上查询。
Note: Relevant American EMERSON (ALGO) other products of the data please search on the net.



**SPORLAN BRAND
THERMOSTATIC EXPANSION VALVES
MADE IN USA**

美国斯波兰热力膨胀阀

| Type 阀型 | Rated Capacity 制冷量 | | Refrigerant 制冷剂 | | | | | | | | | | | | | | | |
|-----------------------------------|--------------------------|-------|-----------------|------|-----------|-------|-----------------|-------|-----------|------|-----------------|-------|-------|-------|------|------|-------|------|
| | | | R22 | | | | R407A | | | | R407C | | | | | | | |
| | 冷吨 千瓦 | | 推荐恒温充注 | | | | | | | | | | | | | | | |
| | | | VC, VCP100, VGA | | VZ, VZP40 | | VC, VCP100, VGA | | VZ, VZP40 | | NC, NCP100, NGA | | | | | | | |
| Evaporating Temperature 蒸发温度 (°C) | | | | | | | | | | | | | | | | | | |
| | | | 10°C | 0°C | -10°C | -20°C | -30°C | -40°C | 10°C | 0°C | -10°C | -20°C | -30°C | -40°C | 10°C | 0°C | -10°C | |
| F-EF-G-EG | 1/5 | 0.70 | 0.65 | 0.73 | 0.69 | 0.65 | 0.49 | 0.39 | 0.61 | 0.67 | 0.63 | 0.58 | 0.43 | 0.33 | 0.60 | 0.66 | 0.80 | |
| NI | 1/4 | 0.88 | 0.81 | 0.91 | 0.89 | 0.93 | 0.78 | 0.61 | 0.76 | 0.84 | 0.80 | 0.83 | 0.67 | 0.51 | 0.74 | 0.82 | 0.78 | |
| F-EF-G-EG | 1/3 | 1.17 | 1.14 | 1.28 | 1.22 | 1.10 | 0.79 | 0.62 | 1.07 | 1.18 | 1.10 | 0.98 | 0.68 | 0.52 | 1.04 | 1.16 | 1.08 | |
| NI-F-EF-G-EG | 1/2 | 1.76 | 1.46 | 1.65 | 1.56 | 1.42 | 1.02 | 0.80 | 1.37 | 1.52 | 1.41 | 1.26 | 0.89 | 0.68 | 1.34 | 1.52 | 1.39 | |
| G-EG | 3/4 | 2.64 | 2.44 | 2.75 | 2.60 | 2.51 | 1.99 | 1.55 | 2.28 | 2.53 | 2.35 | 2.21 | 1.72 | 1.32 | 2.23 | 2.49 | 2.32 | |
| NI-F-EF-G-EG | 1 | 3.52 | 3.25 | 3.67 | 3.47 | 3.28 | 2.52 | 1.96 | 3.04 | 3.38 | 3.13 | 2.89 | 2.18 | 1.67 | 2.98 | 3.32 | 3.09 | |
| F-EF-G-EG | 1-1/2 | 5.28 | 5.20 | 5.87 | 5.56 | 5.03 | 3.57 | 2.79 | 4.87 | 5.39 | 5.01 | 4.44 | 3.09 | 2.36 | 4.76 | 5.31 | 4.95 | |
| F&EF(Ext)-G&EG(Ext)-S | 2 | 7.03 | 6.50 | 7.34 | 6.95 | 6.88 | 5.74 | 4.47 | 6.08 | 6.74 | 6.26 | 6.08 | 4.96 | 3.79 | 5.95 | 6.63 | 6.18 | |
| F&EF(Int)-G&EG(Int) | 2-1/2 | 8.79 | 8.12 | 9.17 | 8.68 | 8.26 | 6.44 | 5.02 | 7.60 | 8.43 | 7.83 | 7.30 | 5.57 | 4.26 | 7.44 | 8.29 | 7.73 | |
| F&EF(Ext)-G&EG(Ext)-C(Int)-S | 3 | 10.6 | 10.4 | 11.7 | 11.1 | 9.91 | 6.82 | 5.32 | 9.73 | 10.8 | 9.99 | 8.75 | 5.90 | 4.50 | 9.53 | 10.6 | 9.89 | |
| C-S | 4 | 14.1 | 14.6 | 16.5 | 15.6 | 14.1 | 10.0 | 7.83 | 13.7 | 15.1 | 14.1 | 12.5 | 8.69 | 6.63 | 13.4 | 14.9 | 13.9 | |
| F&EF(Ext)-C-S | 5 | 17.6 | 16.9 | 19.1 | 18.1 | 16.4 | 11.8 | 9.22 | 15.8 | 17.6 | 16.3 | 14.5 | 10.2 | 7.81 | 15.5 | 17.2 | 16.1 | |
| C&S(Ext) | 8 | 28.1 | 26.0 | 29.4 | 27.2 | 23.5 | 15.9 | 12.3 | 24.3 | 27.0 | 24.5 | 20.7 | 13.8 | 10.4 | 23.8 | 26.5 | 24.2 | |
| S(Ext) | 10 | 35.2 | 32.5 | 36.7 | 34.0 | 29.3 | 19.9 | 15.3 | 30.4 | 33.8 | 30.7 | 25.9 | 17.2 | 13.0 | 29.8 | 33.2 | 30.2 | |
| S(Ext) | 15 | 52.8 | 50.3 | 56.9 | 52.7 | 46.2 | 31.2 | 24.9 | 47.1 | 52.3 | 47.4 | 40.8 | 27.0 | 21.0 | 46.1 | 51.4 | 46.9 | |
| H | 2-1/2 | 8.79 | 8.20 | 9.10 | 8.56 | 8.12 | 5.10 | 4.28 | 7.68 | 8.36 | 7.71 | 7.20 | 4.41 | 3.63 | 7.52 | 8.22 | 7.62 | |
| H | 5-1/2 | 19.3 | 18.4 | 20.4 | 19.2 | 18.0 | 11.1 | 9.35 | 17.2 | 18.7 | 17.3 | 15.9 | 9.64 | 7.92 | 16.8 | 18.4 | 17.1 | |
| H | 7 | 24.6 | 23.0 | 25.5 | 24.0 | 21.7 | 12.5 | 10.5 | 21.5 | 23.4 | 21.6 | 19.2 | 10.8 | 8.87 | 21.0 | 23.0 | 21.3 | |
| H | 11 | 38.7 | 34.4 | 38.2 | 35.9 | 31.6 | 17.0 | 14.3 | 32.3 | 35.1 | 32.4 | 27.9 | 14.7 | 12.1 | 31.6 | 34.5 | 32.0 | |
| H | 16 | 56.3 | 49.9 | 55.3 | 52.0 | 45.6 | 24.3 | 20.4 | 46.7 | 50.8 | 46.9 | 40.3 | 21.0 | 17.3 | 45.7 | 50.0 | 46.3 | |
| H | 20 | 70.3 | 72.8 | 80.8 | 76.0 | 68.9 | 39.6 | 33.2 | 68.2 | 74.2 | 68.5 | 60.9 | 34.2 | 28.1 | 66.7 | 73.0 | 67.6 | |
| M | 21 | 73.9 | 69.8 | 78.9 | 76.7 | 74.8 | 53.6 | 45.2 | 65.4 | 72.5 | 69.2 | 66.1 | 46.4 | 38.3 | 64.0 | 71.3 | 68.3 | |
| M | 26 | 91.4 | 86.1 | 97.2 | 94.6 | 96.8 | 75.8 | 63.9 | 80.6 | 89.4 | 85.3 | 85.5 | 65.5 | 54.1 | 78.9 | 87.9 | 84.2 | |
| M | 34 | 120 | 110 | 125 | 121 | 120 | 89.2 | 75.2 | 103 | 115 | 110 | 106 | 77.2 | 63.7 | 101 | 113 | 108 | |
| M | 42 | 148 | 136 | 154 | 150 | 151 | 107 | 86.2 | 127 | 142 | 135 | 134 | 92.8 | 73.0 | 125 | 139 | 133 | |
| 带平衡口的热力膨胀阀 | | | | | | | | | | | | | | | | | | |
| BF-EBF-SBF | AAA | 1.17 | 1.14 | 1.28 | 1.22 | 1.10 | 0.79 | 0.61 | 1.07 | 1.18 | 1.10 | 0.98 | 0.68 | 0.52 | 1.04 | 1.16 | 1.08 | |
| BF-EBF-SBF | AA | 2.34 | 2.44 | 2.75 | 2.60 | 2.51 | 1.99 | 1.55 | 2.28 | 2.53 | 2.35 | 2.21 | 1.72 | 1.32 | 2.23 | 2.49 | 2.32 | |
| BF-EBF-SBF | A | 5.28 | 5.20 | 5.87 | 5.56 | 5.03 | 3.57 | 2.79 | 4.87 | 5.39 | 5.01 | 4.44 | 3.09 | 2.36 | 4.76 | 5.31 | 4.95 | |
| BF-EBF-SBF | B | 10.6 | 9.09 | 10.3 | 9.72 | 8.96 | 6.59 | 5.14 | 8.51 | 9.44 | 8.76 | 7.92 | 5.70 | 4.35 | 8.34 | 9.29 | 8.66 | |
| BF-EBF-SBF | C | 19.3 | 16.9 | 19.1 | 18.1 | 16.4 | 11.8 | 9.22 | 15.8 | 17.6 | 16.3 | 14.5 | 10.2 | 7.81 | 15.5 | 17.2 | 16.1 | |
| EBS | 8 | 28.1 | 28.3 | 30.6 | 27.6 | 24.5 | 16.8 | 13.0 | 26.5 | 28.1 | 24.9 | 21.6 | 14.5 | 10.9 | 25.9 | 27.6 | 24.6 | |
| EBS | 11 | 38.7 | 38.3 | 41.4 | 37.4 | 33.1 | 22.7 | 17.5 | 35.8 | 38.0 | 33.7 | 29.3 | 19.7 | 14.8 | 35.1 | 37.4 | 33.3 | |
| EBS | 15 | 52.8 | 51.0 | 56.0 | 49.8 | 42.0 | 29.1 | 23.4 | 47.7 | 51.4 | 44.9 | 37.1 | 25.2 | 19.8 | 46.8 | 50.6 | 44.3 | |
| EBS | 20 | 70.3 | 74.7 | 79.9 | 69.7 | 58.3 | 40.2 | 29.6 | 70.0 | 73.4 | 62.8 | 51.5 | 34.8 | 25.1 | 68.5 | 72.2 | 62.0 | |
| O | 15 | 52.8 | 49.9 | 53.9 | 48.9 | 41.3 | 26.7 | 21.0 | 46.8 | 49.6 | 44.1 | 36.5 | 23.1 | 17.8 | 45.8 | 48.7 | 43.6 | |
| O | 20 | 70.3 | 73.9 | 79.8 | 72.4 | 64.8 | 39.6 | 33.2 | 69.3 | 73.3 | 65.3 | 57.2 | 34.2 | 28.1 | 67.7 | 72.1 | 64.5 | |
| O | 30 | 106 | 102 | 110 | 99.5 | 84.9 | 56.5 | 49.1 | 95.1 | 101 | 89.6 | 75.0 | 48.9 | 41.6 | 93.1 | 99.1 | 88.6 | |
| O | 40 | 141 | 132 | 147 | 132 | 111 | 86.1 | 74.6 | 123 | 136 | 119 | 98.0 | 74.5 | 63.2 | 121 | 133 | 118 | |
| O | 55 | 193 | 180 | 201 | 181 | 150 | 98.2 | 83.0 | 168 | 184 | 163 | 133 | 85.0 | 70.4 | 165 | 182 | 161 | |
| O | 70 | 246 | 238 | 267 | 258 | 265 | 167 | 138 | 224 | 245 | 216 | 175 | 96.4 | 76.6 | 218 | 241 | 214 | |
| V | 52 | 183 | 170 | 190 | 184 | 190 | 121 | 101 | 159 | 175 | 166 | 168 | 105 | 85.4 | 156 | 172 | 164 | |
| V | 70 | 246 | 238 | 267 | 258 | 265 | 167 | 138 | 224 | 246 | 233 | 234 | 144 | 117 | 218 | 241 | 230 | |
| V | 100 | 352 | 326 | 365 | 353 | 355 | 215 | 178 | 306 | 336 | 318 | 313 | 186 | 151 | 299 | 330 | 315 | |
| W | 135 | 475 | 467 | 523 | 505 | 508 | 307 | 255 | 437 | 480 | 455 | 448 | 266 | 216 | 428 | 472 | 450 | |
| W | 180 | 633 | 877 | - | - | - | - | - | 821 | - | - | - | - | - | 804 | - | - | |
| 可更换阀芯的热力膨胀阀 | | | | | | | | | | | | | | | | | | |
| O-EQ-SO | 0 | 1/3 | 1.17 | 1.14 | 1.28 | 1.22 | 1.10 | 0.79 | 0.61 | 1.07 | 1.18 | 1.10 | 0.98 | 0.68 | 0.52 | 1.04 | 1.16 | 1.08 |
| O-EQ-SO | 1 | 3/4 | 2.64 | 2.44 | 2.75 | 2.60 | 2.51 | 1.99 | 1.55 | 2.28 | 2.53 | 2.35 | 2.21 | 1.72 | 1.32 | 2.23 | 2.49 | 2.32 |
| O-EQ-SO | 2 | 1 | 3.52 | 3.25 | 3.67 | 3.47 | 3.28 | 2.52 | 1.96 | 3.04 | 3.38 | 3.13 | 2.89 | 2.18 | 1.67 | 2.98 | 3.32 | 3.09 |
| O-EQ-SO | 3 | 1-1/2 | 5.28 | 4.87 | 5.50 | 5.21 | 4.66 | 3.22 | 2.51 | 4.56 | 5.05 | 4.70 | 4.11 | 2.79 | 2.12 | 4.47 | 4.97 | 4.64 |
| O-EQ-SO | 4 | 2-1/2 | 8.79 | 8.12 | 9.17 | 8.68 | 8.26 | 6.44 | 5.02 | 7.60 | 8.43 | 7.83 | 7.30 | 5.57 | 4.26 | 7.44 | 8.29 | 7.73 |
| O-EQ-SO | 5 | 3-1/2 | 12.3 | 11.4 | 12.8 | 12.2 | 11.5 | 8.78 | 6.85 | 10.7 | 11.8 | 11.0 | 10.1 | 7.60 | 5.80 | 10.4 | 11.6 | 10.8 |
| O-EQ-SO | 6 | 5 | 17.6 | 15.6 | 17.6 | 16.7 | 15.1 | 10.7 | 8.33 | 14.6 | 16.2 | 15.0 | 13.3 | 9.24 | 7.06 | 14.3 | 15.9 | 14.8 |
| 仅适用于VGA和NGA恒温充注 | | | | | | | | | | | | | | | | | | |
| RIVE | 2 | 7.03 | 6.95 | 7.85 | 7.48 | - | - | - | 6.51 | 7.22 | 6.74 | - | - | - | 6.37 | 7.10 | 6.66 | |
| RIVE | 3 | 10.6 | 11.0 | 12.5 | 11.9 | - | - | - | 10.3 | 11.5 | 10.7 | - | - | - | 10.1 | 11.3 | 10.6 | |
| RIVE | 4 | 14.1 | 13.6 | 15.3 | 14.6 | - | - | - | 12.7 | 14.1 | 13.2 | - | - | - | 12.4 | 13.9 | 13.0 | |
| RIVE | 5 | 17.6 | 14.7 | 16.6 | 15.8 | - | - | - | 13.8 | 15.2 | 14.3 | - | - | - | 13.5 | 15.0 | 14.1 | |

| 蒸发器温度 °C | 阀的压力降 (巴) | | | | | | | |
|---------------|-----------|------|------|------|------|------|------|------|
| | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| 10°C | 0.58 | 0.82 | 1.00 | 1.15 | 1.29 | 1.41 | 1.53 | 1.63 |
| 0°C & -10°C | 0.50 | 0.71 | 0.87 | 1.00 | 1.12 | 1.22 | 1.32 | 1.41 |
| -20°C & -30°C | 0.45 | 0.63 | 0.77 | 0.89 | 1.00 | 1.10 | 1.18 | 1.26 |
| -40°C | 0.41 | 0.58 | 0.71 | 0.82 | 0.91 | 1.00 | 1.08 | 1.15 |

| 制冷剂 | 进入阀的制冷剂液体温度(°C) | | | | | | | | |
|-------|-----------------|-------|------|------|------|------|------|------|------|
| | -20°C | -10°C | 0°C | 10°C | 20°C | 30°C | 40°C | 50°C | 60°C |
| | 修正系数, CF液体温度 | | | | | | | | |
| R22 | 1.63 | 1.53 | 1.42 | 1.32 | 1.21 | 1.11 | 1.00 | 0.89 | 0.78 |
| R407A | 1.85 | 1.71 | 1.57 | 1.44 | 1.30 | 1.15 | 1.00 | 0.84 | 0.66 |
| R407C | 1.88 | 1.74 | 1.60 | 1.46 | 1.31 | 1.16 | 1.00 | 0.84 | 0.66 |

阀的实际制冷量=阀的额定值 X Cf液体温度 X Cf压力降

例如: 制冷剂R22的S型阀, 其名义制冷量为10冷吨, 在蒸发器温度-10°C, 阀的压力降8巴及进入阀的液体温度30°C时实际制冷量=34.0(从上表查得额定值) X 1.11 (CF液体温度修正系数) X 1.0 (CF压力降修正系数) =37.7千瓦

单位: 千瓦 (1千瓦=0.2843冷冻吨)



**SPORLAN BRAND
THERMOSTATIC EXPANSION VALVES
MADE IN USA**

美国斯波兰热力膨胀阀

| Type 阀型 | Rated Capacity 制冷量 | Refrigerant 制冷剂 | | | | | | | | | | | | | | | | | | | |
|------------------------------|-----------------------|-----------------------------------|------|------|--------|------|------|-----------|------|------|--------|------|------|-----------|------|------|--------|------|------|------|------|
| | | R404A | | | | | | R408A | | | | | | R502 | | | | | | | |
| | | 推荐恒温充注 | | | | | | | | | | | | | | | | | | | |
| | | SC,SCP115 | | | SZ,SZP | | | RC,RCP115 | | | RZ,RZP | | | RC,RCP115 | | | RZ,RZP | | | | |
| 冷吨 | | Evaporating Temperature 蒸发温度 (°C) | | | | | | | | | | | | | | | | | | | |
| 千瓦 | | 10° | 0° | -10° | -20° | -30° | -40° | 10° | 0° | -10° | -20° | -30° | -40° | 10° | 0° | -10° | -20° | -30° | -40° | | |
| NI-F-EF-G-EG | 1/8 | 0.44 | 0.47 | 0.52 | 0.49 | 0.52 | 0.42 | 0.37 | 0.64 | 0.71 | 0.69 | 0.74 | 0.62 | 0.55 | 0.47 | 0.52 | 0.49 | 0.52 | 0.44 | 0.38 | |
| F-EF-G-EG | 1/6 | 0.59 | 0.74 | 0.81 | 0.77 | 0.82 | 0.67 | 0.58 | 1.00 | 1.12 | 1.08 | 1.16 | 0.97 | 0.86 | 0.73 | 0.81 | 0.78 | 0.83 | 0.68 | 0.59 | |
| NI-F-EF-G-EG | 1/4 | 0.88 | 0.95 | 1.04 | 0.98 | 1.04 | 0.85 | 0.73 | 1.28 | 1.43 | 1.38 | 1.48 | 1.24 | 1.09 | 0.93 | 1.03 | 0.99 | 1.05 | 0.87 | 0.76 | |
| NI-F-EF-G-EG | 1/2 | 1.76 | 1.80 | 1.98 | 1.88 | 1.98 | 1.63 | 1.40 | 2.43 | 2.72 | 2.62 | 2.81 | 2.36 | 2.08 | 1.77 | 1.97 | 1.88 | 2.00 | 1.66 | 1.45 | |
| NI-F-EF-G-EG | 1 | 3.52 | 3.26 | 3.65 | 3.51 | 3.70 | 3.03 | 2.61 | 4.41 | 5.02 | 4.89 | 5.25 | 4.39 | 3.88 | 3.21 | 3.63 | 3.51 | 3.73 | 3.09 | 2.70 | |
| F-EF-G-EG | 1-1/2 | 5.28 | 4.96 | 5.42 | 4.98 | 4.94 | 4.05 | 3.49 | 6.72 | 7.43 | 6.95 | 7.01 | 5.87 | 5.19 | 4.89 | 5.37 | 4.98 | 4.99 | 4.13 | 3.61 | |
| F&EF(Ext)-G&EG(Ext)-C(Int)-S | 2 | 7.03 | 6.61 | 7.22 | 6.63 | 6.55 | 5.40 | 4.66 | 8.95 | 9.90 | 9.24 | 9.30 | 7.83 | 6.93 | 6.52 | 7.17 | 6.62 | 6.61 | 5.51 | 4.81 | |
| F&EF(Ext)-C-S | 3 | 10.6 | 9.25 | 10.1 | 9.22 | 8.66 | 6.75 | 5.82 | 12.5 | 13.9 | 12.8 | 12.3 | 9.79 | 8.65 | 9.13 | 10.0 | 9.22 | 8.73 | 6.89 | 6.01 | |
| C-S | 4 | 14.1 | 13.2 | 14.4 | 13.2 | 12.3 | 9.46 | 8.15 | 17.9 | 19.8 | 18.3 | 17.4 | 13.7 | 12.2 | 13.0 | 14.3 | 13.2 | 12.4 | 9.64 | 8.42 | |
| C&S(Ext) | 6 | 21.1 | 19.3 | 18.8 | 15.7 | 15.2 | 12.3 | 9.90 | 26.2 | 25.8 | 21.9 | 21.5 | 17.8 | 14.7 | 19.1 | 18.7 | 15.7 | 15.3 | 12.5 | 10.2 | |
| S(Ext) | 7 | 24.6 | 24.6 | 24.0 | 20.0 | 19.3 | 15.6 | 12.6 | 33.3 | 32.9 | 27.8 | 27.4 | 22.7 | 18.7 | 24.3 | 23.8 | 20.0 | 19.5 | 15.9 | 13.0 | |
| S(Ext) | 10 | 35.2 | 35.1 | 34.7 | 29.9 | 30.3 | 26.2 | 23.5 | 47.5 | 47.5 | 41.7 | 43.0 | 38.0 | 34.9 | 34.6 | 34.4 | 29.9 | 30.6 | 26.7 | 24.3 | |
| H | 1-1/2 | 5.28 | 5.18 | 5.22 | 4.66 | 4.94 | 3.99 | 3.31 | 7.02 | 7.16 | 6.49 | 7.01 | 5.79 | 4.91 | 5.11 | 5.18 | 4.66 | 4.99 | 4.07 | 3.41 | |
| H | 3 | 10.6 | 9.67 | 9.75 | 8.41 | 8.24 | 6.65 | 5.51 | 13.1 | 13.4 | 11.7 | 11.7 | 9.64 | 8.18 | 9.54 | 9.67 | 8.41 | 8.31 | 6.78 | 5.69 | |
| H | 4 | 14.1 | 13.8 | 13.9 | 11.8 | 11.3 | 9.31 | 7.71 | 18.7 | 19.1 | 16.5 | 16.1 | 13.5 | 11.4 | 13.6 | 13.8 | 11.8 | 11.4 | 9.50 | 7.96 | |
| H | 6-1/2 | 22.9 | 22.4 | 22.6 | 19.3 | 18.1 | 14.5 | 12.0 | 30.4 | 31.0 | 26.8 | 25.6 | 21.0 | 17.8 | 22.1 | 22.4 | 19.2 | 18.2 | 14.8 | 12.4 | |
| H | 9 | 31.7 | 32.8 | 33.1 | 28.1 | 24.2 | 16.6 | 13.8 | 44.4 | 45.4 | 39.2 | 34.3 | 24.1 | 20.4 | 32.4 | 32.8 | 28.1 | 24.4 | 16.9 | 14.2 | |
| H | 12 | 42.2 | 44.9 | 45.3 | 38.5 | 35.0 | 26.6 | 22.0 | 60.8 | 62.1 | 53.7 | 49.6 | 38.6 | 32.8 | 44.3 | 44.9 | 38.5 | 35.3 | 27.1 | 22.7 | |
| M | 15 | 52.8 | 51.9 | 57.3 | 51.3 | 46.4 | 39.7 | 33.2 | 70.4 | 78.6 | 71.4 | 65.8 | 57.5 | 49.4 | 51.2 | 56.8 | 51.2 | 46.8 | 40.4 | 34.3 | |
| M | 20 | 70.3 | 67.7 | 74.7 | 66.2 | 58.2 | 49.7 | 41.7 | 91.7 | 103 | 92.2 | 82.6 | 72.0 | 61.9 | 66.8 | 74.1 | 66.2 | 58.7 | 50.7 | 43.0 | |
| M | 25 | 87.9 | 84.5 | 93.2 | 82.6 | 70.9 | 58.3 | 48.9 | 115 | 128 | 115 | 101 | 84.5 | 72.6 | 83.4 | 92.4 | 82.6 | 71.5 | 59.5 | 50.5 | |
| M | 30 | 106 | 102 | 112 | 99.6 | 84.2 | 67.5 | 56.6 | 138 | 154 | 139 | 119 | 97.9 | 84.2 | 101 | 112 | 99.6 | 86.0 | 68.8 | 58.4 | |
| 带平衡口的热力膨胀阀 | | | | | | | | | | | | | | | | | | | | | |
| BF-EBF-SBF | AAA | 0.70 | 0.74 | 0.82 | 0.78 | 0.82 | 0.67 | 0.58 | 1.00 | 1.12 | 1.08 | 1.16 | 0.97 | 0.86 | 0.73 | 0.81 | 0.78 | 0.82 | 0.68 | 0.60 | |
| BF-EBF-SBF | AA | 1.17 | 1.48 | 1.63 | 1.55 | 1.58 | 1.24 | 1.07 | 2.01 | 2.24 | 2.15 | 2.25 | 1.80 | 1.59 | 1.46 | 1.62 | 1.55 | 1.60 | 1.26 | 1.10 | |
| BF-EBF-SBF | A | 3.52 | 3.26 | 3.65 | 3.51 | 3.70 | 3.03 | 2.61 | 4.41 | 5.02 | 4.89 | 5.25 | 4.39 | 3.88 | 3.21 | 3.63 | 3.51 | 3.73 | 3.09 | 2.70 | |
| BF-EBF-SBF | B | 7.03 | 6.11 | 6.68 | 6.09 | 5.70 | 4.41 | 3.80 | 8.28 | 9.17 | 8.49 | 8.08 | 6.39 | 5.65 | 6.03 | 6.63 | 6.09 | 5.74 | 4.50 | 3.93 | |
| BF-EBF-SBF | C | 10.6 | 9.25 | 10.1 | 9.22 | 8.66 | 6.75 | 5.82 | 12.5 | 13.9 | 12.8 | 12.3 | 9.79 | 8.65 | 9.13 | 10.0 | 9.22 | 8.73 | 6.89 | 6.01 | |
| BS-EBS | 6 | 21.1 | 19.1 | 19.7 | 17.2 | 15.5 | 10.6 | 9.87 | 25.8 | 27.1 | 24.0 | 21.9 | 15.4 | 14.7 | 18.8 | 19.6 | 17.2 | 15.6 | 10.8 | 10.2 | |
| BS-EBS | 7-1/2 | 26.4 | 25.9 | 26.8 | 23.4 | 20.5 | 13.5 | 12.6 | 35.0 | 36.8 | 32.6 | 29.1 | 19.6 | 18.7 | 25.5 | 26.6 | 23.4 | 20.7 | 13.8 | 13.0 | |
| BS-EBS | 10 | 35.2 | 31.5 | 33.3 | 28.8 | 24.6 | 17.9 | 15.5 | 42.7 | 45.7 | 40.2 | 34.9 | 25.9 | 23.0 | 31.1 | 33.0 | 28.8 | 24.8 | 18.2 | 16.0 | |
| BS-EBS | 13 | 45.7 | 44.7 | 47.9 | 41.5 | 34.7 | 25.5 | 20.5 | 60.6 | 65.7 | 57.8 | 49.2 | 37.0 | 30.4 | 44.1 | 47.5 | 41.5 | 35.0 | 26.0 | 21.1 | |
| O | 9 | 31.7 | 32.8 | 33.1 | 27.9 | 23.7 | 17.1 | 14.7 | 44.4 | 45.3 | 38.9 | 33.7 | 24.7 | 21.9 | 32.4 | 32.8 | 27.9 | 23.9 | 17.4 | 15.2 | |
| O | 12 | 42.2 | 44.9 | 45.3 | 38.2 | 34.3 | 27.2 | 23.5 | 60.8 | 62.1 | 53.3 | 48.7 | 39.4 | 34.9 | 44.3 | 44.9 | 38.2 | 34.6 | 27.7 | 24.2 | |
| O | 21 | 73.9 | 72.5 | 73.1 | 60.0 | 46.3 | 32.6 | 28.2 | 98.2 | 99.9 | 83.6 | 65.7 | 47.2 | 41.9 | 71.5 | 72.5 | 60.0 | 46.7 | 33.2 | 29.1 | |
| O | 30 | 106 | 99.8 | 109 | 95.4 | 72.8 | 48.8 | 42.2 | 135 | 149 | 133 | 103 | 70.7 | 62.6 | 98.4 | 108 | 95.3 | 73.5 | 49.7 | 43.5 | |
| O | 35 | 123 | 116 | 126 | 111 | 82.7 | 53.0 | 45.8 | 157 | 174 | 154 | 117 | 76.8 | 68.1 | 114 | 125 | 110 | 83.4 | 54.0 | 47.3 | |
| O | 45 | 158 | 149 | 163 | 142 | 103 | 61.0 | 52.8 | 202 | 223 | 198 | 146 | 88.5 | 78.4 | 147 | 161 | 142 | 104 | 62.3 | 54.5 | |
| V | 38 | 134 | 127 | 136 | 122 | 117 | 97.6 | 80.2 | 172 | 186 | 168 | 166 | 141 | 120 | 126 | 135 | 122 | 118 | 99.5 | 82.8 | |
| V | 50 | 176 | 171 | 182 | 164 | 160 | 139 | 114 | 232 | 249 | 228 | 228 | 202 | 170 | 169 | 181 | 164 | 162 | 142 | 118 | |
| V | 70 | 246 | 235 | 250 | 225 | 224 | 195 | 160 | 318 | 342 | 314 | 317 | 282 | 238 | 232 | 248 | 225 | 226 | 199 | 165 | |
| 可更换阀芯的热力膨胀阀 | | | | | | | | | | | | | | | | | | | | | |
| Q-EQ-SQ | 0 | 1/6 | 0.59 | 0.66 | 0.73 | 0.69 | 0.70 | 0.55 | 0.48 | 0.89 | 1.00 | 0.96 | 1.00 | 0.80 | 0.71 | 0.65 | 0.72 | 0.69 | 0.71 | 0.56 | 0.49 |
| Q-EQ-SQ | 1 | 1/4 | 0.88 | 1.48 | 1.63 | 1.55 | 1.58 | 1.24 | 1.07 | 2.01 | 2.24 | 2.15 | 2.25 | 1.80 | 1.59 | 1.46 | 1.62 | 1.55 | 1.60 | 1.26 | 1.10 |
| Q-EQ-SQ | 2 | 1/2 | 1.76 | 2.12 | 2.38 | 2.28 | 2.24 | 1.63 | 1.40 | 2.86 | 3.26 | 3.17 | 3.17 | 2.36 | 2.08 | 2.09 | 2.36 | 2.28 | 2.26 | 1.66 | 1.45 |
| Q-EQ-SQ | 3 | 1 | 3.52 | 3.30 | 3.61 | 3.29 | 3.06 | 2.34 | 2.02 | 4.48 | 4.96 | 4.59 | 4.34 | 3.40 | 3.00 | 3.26 | 3.58 | 3.29 | 3.09 | 2.39 | 2.09 |
| Q-EQ-SQ | 4 | 1-1/2 | 5.28 | 5.29 | 5.78 | 5.27 | 5.04 | 4.05 | 3.49 | 7.17 | 7.93 | 7.33 | 7.15 | 5.87 | 5.19 | 5.22 | 5.73 | 5.27 | 5.09 | 4.13 | 3.61 |
| Q-EQ-SQ | 5 | 2 | 7.03 | 6.94 | 7.58 | 6.91 | 6.66 | 5.40 | 4.66 | 9.40 | 10.4 | 9.63 | 9.45 | 7.83 | 6.93 | 6.84 | 7.52 | 6.91 | 6.72 | 5.51 | 4.81 |
| Q-EQ-SQ | 6 | 3 | 10.6 | 9.25 | 10.1 | 9.22 | 8.66 | 6.75 | 5.82 | 12.5 | 13.9 | 12.8 | 12.3 | 9.79 | 8.65 | 9.13 | 10.0 | 9.22 | 8.73 | 6.89 | 6.01 |

| | | 阀的压力降 (巴) | | | | | | | | | |
|-------------|--|-------------|------|------|------|------|------|------|------|----|----|
| 蒸发器温度 | | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 16 | 16 |
| °C | | 修正系数, CF压力降 | | | | | | | | | |
| 10°C | | 0.58 | 0.82 | 1.00 | 1.15 | 1.29 | 1.41 | 1.53 | 1.63 | | |
| 0°C&-10°C | | 0.50 | 0.71 | 0.87 | 1.00 | 1.12 | 1.22 | 1.32 | 1.41 | | |
| -20°C&-30°C | | 0.45 | 0.63 | 0.77 | 0.89 | 1.00 | 1.10 | 1.18 | 1.26 | | |
| -40°C | | 0.41 | 0.58 | 0.71 | 0.82 | 0.91 | 1.00 | 1.08 | 1.15 | | |

| | | 进入阀的制冷剂液体温度(°C) | | | | | | | |
|-------|--|-----------------|------|------|------|------|------|------|------|
| 制冷剂 | | -10°C | 0°C | 10°C | 20°C | 30°C | 40°C | 50°C | 60°C |
| | | 修正系数, CF液体温度 | | | | | | | |
| R404A | | 2.00 | 1.81 | 1.62 | 1.42 | 1.21 | 1.00 | 0.78 | 0.55 |
| R408A | | 1.62 | 1.50 | 1.38 | 1.26 | 1.13 | 1.00 | 0.87 | 0.73 |
| R502 | | 1.82 | 1.66 | 1.50 | 1.33 | 1.17 | 1.00 | 0.83 | 0.66 |

阀的实际制冷量=阀的额定值 X Cf液体温度 X Cf压力降

例如: 制冷剂R404A的EF型阀, 其名义制冷量为3冷吨, 在蒸发器温度-20°C, 阀的压力降4巴及进入阀的液体温度30°C时实际制冷量=8.66(从上表查得额定值) X1.21(CF液体温度修正系数) X0.63(CF压力降修正系数) =6.60千瓦

单位: 千瓦 (1千瓦=0.2843冷吨吨)



CASTEL BRAND SOLENOID VALVES MADE IN ITALY

意大利卡士妥电磁阀



| 阀型号 VALVE TYPE | 接口尺寸 CONNECTION SIZE | 孔径 PORT SIZE (mm) | 最高压力差 M.O.P.D. (bars) | 最大工作压力 MAX PRESSURE (bars) | Kv因子 Kv FACTOR m ³ /h | 名义制冷量 (液体功率) NOMINAL CAPACITY (kw) | | | |
|-------------------|----------------------------|-------------------------|-----------------------------|----------------------------------|--|---------------------------------------|--------|------------|--------|
| | | | | | | R12 | R22 | R404A/R502 | R134a |
| 1020/2 | 1/4" Flare | 2.5 | 21 | 30 | 0.175 | 2.50 | 3.15 | 2.08 | 2.95 |
| 1020/3 | 3/8" Flare | 3.0 | 18 | 30 | 0.230 | 3.30 | 4.15 | 2.75 | 3.90 |
| 1064/3 | 3/8" Flare | 7.0 | 21 | 30 | 0.800 | 11.45 | 14.50 | 9.50 | 13.50 |
| 1064/4 | 1/2" Flare | 7.0 | 21 | 30 | 0.800 | 11.45 | 14.50 | 9.50 | 13.50 |
| 1070/4 | 1/2" Flare | 12.5 | 21 | 30 | 2.200 | 31.50 | 39.60 | 26.20 | 37.10 |
| 1070/5 | 5/8" Flare | 12.5 | 21 | 30 | 2.610 | 37.20 | 47.00 | 31.00 | 44.00 |
| 1090/5 | 5/8" Flare | 16.5 | 21 | 30 | 3.800 | 54.20 | 68.50 | 45.20 | 64.00 |
| 1078/5 | 5/8" ODS | 12.5 | 21 | 30 | 2.610 | 37.20 | 47.00 | 31.00 | 44.00 |
| 1098/7 | 7/8" ODS | 16.5 | 21 | 30 | 5.700 | 73.00 | 102.60 | 67.85 | 96.00 |
| 1078/9 | 1-1/8" ODS | 25.5 | 21 | 30 | 10.000 | 143.00 | 180.00 | 119.00 | 168.50 |
| 1079/7 | 7/8" ODS | 12.5 | 21 | 30 | 2.610 | 37.20 | 47.00 | 31.00 | 44.00 |
| 1099/9 | 1-1/8" ODS | 16.5 | 21 | 30 | 5.700 | 73.00 | 102.60 | 67.85 | 96.00 |
| 1079/11 | 1-3/8" ODS | 25.5 | 21 | 30 | 10.000 | 143.00 | 180.00 | 119.00 | 168.50 |

CASTEL PRESSURE RELIEF SAFETY VALVES MADE IN ITALY

意大利卡士妥安全阀



| 型号 VALVE TYPE | 接口尺寸 CONNECTIONS | | 总高度 OVERALL HEIGHT |
|---------------------|---------------------|--------------|--------------------------|
| | NPT male | SAE flare | |
| 3060/23 | 1/4" | 3/8" | 79 mm |
| 3060/33 | 3/8" | 3/8" | 79 mm |
| 3060/34 | 3/8" | 1/2" | 79 mm |
| 3060/45 | 1/2" | 5/8" | 90 mm |
| 3060/64 | 3/4" | 1/2" NPT fem | 150 mm |
| 3060/66 | 3/4" | 1/2" NPT fem | 175 mm |

VIBRATION ELIMINATORS



Constructed of seamless flexible corrugated bronze tubing covered with a bronze metal braid and fitted with copper ferrules and female copper tube ends.
 High temperature brazing alloys are employed during manufacture which are not affected by the heat of silver soldering during installation.

韩国东海避震软管

| | | | | | | |
|---|-----------------|------|---------------------|---|------------|----------------------|
| 1 | TUBE END | 管端 | COPPER 黄铜 | 2 | 1.0t~2.5t | |
| 2 | FERRULE | 线圈管 | COPPER 黄铜 | 2 | 1.2t~3.5t | |
| 3 | FLEXIBLE TUBING | 软管 | STAINLESS STEEL 不锈钢 | 1 | 0.3t~0.5t | |
| 4 | WIRE BRAID | 金属编条 | STAINLESS STEEL 不锈钢 | 1 | 0.25t~2.4t | 2-1/8 OVER TWO BRAID |

| 型号 MODEL NO | 规格 | | 尺寸 | | | | | 使用压力 PsiG | 耐压试验压力 PsiG |
|----------------|-------|------|-------|---------|---------|----------|-------|--------------|----------------|
| | inch | mm | A | B | C | D | E | | |
| VAS-038 | 3/8 | 10A | 3/8 | 3/4 | 7 | 8 1/2 | 1/2 | 500 | 2500 |
| VAS-012 | 1/2 | 12A | 1/2 | 7/8 | 7 1/4 | 9 | 1/2 | 500 | 2500 |
| VAS-058 | 5/8 | 15A | 5/8 | 15/16 | 8 | 9 7/8 | 7/8 | 500 | 2500 |
| VAS-034 | 3/4 | 19A | 3/4 | 1/4 | 8 1/16 | 10 1/2 | 7/8 | 500 | 2500 |
| VAS-078 | 7/8 | 20A | 7/8 | 1 3/8 | 9 1/4 | 12 | 7/8 | 500 | 2500 |
| VAS-118 | 1 1/8 | 25A | 1 1/8 | 1 3/4 | 9 7/16 | 13 | 7/8 | 500 | 2500 |
| VAS-138 | 1 3/8 | 32A | 1 3/8 | 2 1/16 | 11 7/16 | 15 1/2 | 7/8 | 500 | 2500 |
| VAS-158 | 1 5/8 | 40A | 1 5/8 | 2 1/14 | 12 3/8 | 16 15/16 | 1 | 500 | 2500 |
| VAS-218 | 2 1/8 | 50A | 2 1/8 | 2 11/16 | 15 3/16 | 20 1/2 | 1 3/8 | 390 | 1950 |
| VAS-258 | 2 5/8 | 65A | 2 5/8 | 3 1/16 | 18 | 24 1/8 | 2 | 340 | 1700 |
| VAS-318 | 3 1/8 | 80A | 3 1/8 | 3 7/16 | 20 | 26 15/16 | 2 | 300 | 1500 |
| VAS-358 | 3 5/8 | 90A | 3 5/8 | 4 1/16 | 24 | 32 1/8 | 2 | 175 | 525 |
| VAS-418 | 4 1/8 | 100A | 4 1/8 | 4 1/12 | 24 | 33 | 2 | 175 | 525 |

1、所有尺寸以inch和mm表示。

2、也有东海振动吸收器。

*除上术规格外的尺寸也可订货。

1、 All the sizes are all expressed by inch and mm.

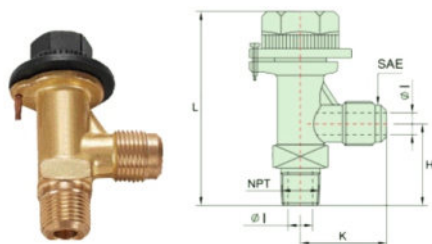
2、 Also the DONG HAE Vibration Absorbers

*You can order the goods with size besides the aforesaid specifications.



CNAU PRESSURE RELIEF SAFETY VALVES

中澳安全阀



| 编号 Model | SAE FLARE(扩口) | NPT | H mm (毫米) | K mm (毫米) | ΦI mm (毫米) | L mm (毫米) |
|-------------|------------------|------|-----------------|-----------------|------------------|-----------------|
| CA-SV1 | 3/8" | 1/4" | 33.5 | 32 | 7 | 81 |
| CA-SV2 | 1/2" | 1/4" | 33.5 | 32 | 7 | 81 |
| CA-SV3 | 3/8" | 3/8" | 32.5 | 35 | 7 | 81.5 |
| CA-SV4 | 1/2" | 3/8" | 32.5 | 35 | 7 | 81.5 |
| CA-SV5 | 5/8" | 1/2" | 36.5 | 41 | 9.5 | 90 |



CNAU LIQUID & MOISTURE INDICATORS

中澳视液镜



| Type 类型 | Connection 接口形式 | Size接口 in | Size接口 mm |
|------------|--------------------|--------------|-----------------------|
| CA-SGI 6s | Solder钎焊 | 1/4x1/4 | |
| CA-SGI 10s | | 3/8x3/8 | |
| CA-SGI 12s | | 1/2x1/2 | |
| CA-SGI 16s | | 5/8x5/8 | 16x16 |
| CA-SGI 19s | | 3/4x3/4 | 19x19 |
| CA-SGI 22s | | 7/8x7/8 | 22x22 |
| CA-SGI 6s | Solder 钎焊 | | 6x6 |
| CA-SGI 10s | | | 10x10 |
| CA-SGI 12s | | | 12x12 |
| CA-SGI 18s | | | 18x18 |
| CA-SGI 6s | Solder钎焊 | 1/4x1/4 | |
| CA-SGI 10s | | 3/8x3/8 | |
| CA-SGI 12s | | 1/2x1/2 | |
| CA-SGI 16s | | 5/8x5/8 | 16x16 |
| CA-SGI 22s | | 7/8x7/8 | 22x22 |
| CA-SGR 3/4 | | 管螺纹 | G 3/4 A ²⁾ |
| CA-SGR 3/4 | NPT | 3/4 NPT | |
| CA-SGR 1/2 | NPT | 1/2 NPT | |

1) 可以直接拧入干燥过滤器

2) ISO 228/1

| | | | |
|-------------|----------|-------------|---------|
| CA-SGN 6s | Solder钎焊 | 1/4x1/4 | |
| CA-SGN 10s | | 3/8x3/8 | |
| CA-SGN 12s | | 1/2x1/2 | |
| CA-SGN 16s | | 5/8x5/8 | 16x16 |
| CA-SGN 19s | | 3/4x3/4 | 19x19 |
| CA-SGN 22 s | | 7/8x7/8 | 22x22 |
| CA-SGN 22 s | | 1-1/8x1-1/8 | |
| CA-SGN 6 | Solder钎焊 | | 6x6 |
| CA-SGN 10s | | | 10x10 |
| CA-SGN 12s | | | 12x12 |
| CA-SGN 18s | | | 18x18 |
| CA-SGN 6s | Solder钎焊 | 1/4x1/4 | |
| CA-SGN 10s | | 3/8x3/8 | |
| CA-SGN 12s | | 1/2x1/2 | |
| CA-SGN 16s | | 5/8x5/8 | 16x16 |
| CA-SGN 22 s | | 7/8x7/8 | 22x22 |
| CA-SGRN | | NPT | 1/2 NPT |

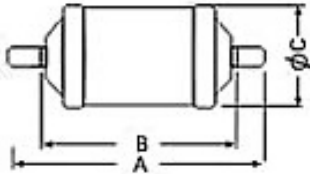


CNAU LIQUID LINE FILTER-DRIERS



中澳干燥过滤器

CA Series liquid tube drier filters make Refrigerant system not Polluted by liquid And soild pollutant. The design makes Use of special mixed drier to get rid of Moisture and acid.



CA series filter nets filtrate solid pollutant effectively. It can get rid of water and acid.
 Types of joint: weld joint and screw joint
 asfty work pressure: 3.4map
 Full flow of the joint makes pressure reduction little.
 It has durable and anticorrosive casing.

干燥过滤器采用干燥，过滤组合的设计，并以气体为介质，具有过滤精度高，分子筛吸水能力强等特征。HCFC和HFC在系统中动用了矿物油和钎酯油，使系统进一步得到完善。

特征：

珠子式的分子筛紧凑在一起，密封设计，40微米的过滤系统，弹簧加载不会引起振动，干燥前先会进行过滤处理。

干燥过滤器的特点、优点和益处：

干燥表面积发挥了最有效的过滤作用，由工艺控制的玻璃纤维网状组织提供优良的过滤，安全工作压力：3.4MPa。得到缓动的流量发挥了不受扰动的性能，具有能溶解水份和酸等污染物的能力，接头型式有ODF或SAE，可使用于R22、R134a和R502等制冷剂。

| 型号 TYPE | 连接 CONNECTIONS | | 流体制冷量 Nominal Capacity (kw) | | | | A (in) | B (in) | C (in) |
|------------|-------------------|-----------------|-----------------------------------|-------|-------|------|-----------|-----------|-----------|
| | solder焊接口 (in) | flare螺口 (in) | R134a | R22 | R404a | R502 | | | |
| | | | | | | | | | |
| CA-052 | | 1/4 | 9.0 | 938 | 6.5 | 6.3 | 4.81 | | 2.64 |
| CA-052S | 1/4 | | 13.3 | 14.4 | 9.6 | 9.4 | 4.44 | 3.69 | |
| CA-053 | | 3/8 | 21.4 | 23.3 | 15.4 | 15.1 | 5.13 | | |
| CA-053S | 3/8 | | 26.5 | 28.9 | 19.1 | 18.7 | 4.5 | 3.36 | |
| CA-082 | | 1/4 | 8.6 | 9.3 | 6.2 | 6.0 | 5.63 | | 2.64 |
| CA-082S | 1/4 | | 13.7 | 14.6 | 9.9 | 9.7 | 5.25 | 4.5 | |
| CA-083 | | 3/8 | 21.8 | 23.7 | 15.7 | 15.4 | 5.94 | | |
| CA-083S | 3/8 | | 27.4 | 29.8 | 19.8 | 19.3 | 5.31 | 4.44 | |
| CA-084 | | 1/2 | 36.4 | 39.6 | 26.2 | 25.7 | 6.19 | | 2.64 |
| CA-084S | 1/2 | | 38.9 | 45.4 | 28.1 | 27.5 | | 4.38 | |
| CA-163 | | 3/8 | 22.2 | 24.2 | 16.1 | 15.7 | 6.88 | | |
| CA-163S | 3/8 | | 31.7 | 34.4 | 22.9 | 22.4 | 6.25 | 4.38 | 2.64 |
| CA-164 | | 1/2 | 38.5 | 41.9 | 27.8 | 27.2 | 7.06 | | |
| CA-164S | 1/2 | | 49.6 | 54.0 | 35.8 | 35.1 | 6.31 | 4.31 | |
| CA-165 | | 5/8 | 50.5 | 54.9 | 36.4 | 35.7 | 7.5 | | |
| CA-165S | 5/8 | | 67.2 | 73.1 | 48.5 | 47.5 | 6.56 | 5.31 | 3.15 |
| CA-167S | 7/8 | | 70.6 | 76.8 | 51.0 | 49.5 | 7.13 | 5.63 | |
| CA-304 | | 1/2 | 43.6 | 47.5 | 31.5 | 30.8 | 9.88 | | |
| CA-304S | 1/2 | | 54.3 | 59.1 | 39.2 | 38.4 | 9.06 | 8.06 | 3.15 |
| CA-305 | | 5/8 | 55.6 | 60.5 | 40.1 | 39.3 | 10.31 | | |
| CA-305S | 5/8 | | 74.0 | 80.5 | 53.4 | 52.3 | 9.31 | 8.06 | |
| CA-307S | 7/8 | | 83.4 | 90.8 | 60.2 | 59.0 | 9.88 | 8.38 | 3.66 |
| CA-309S | 1-1/8 | | 109.1 | 118.7 | 78.7 | 77.1 | 10.12 | 8.50 | |
| CA-415 | | 5/8 | 68.5 | 74.5 | 49.4 | 48.4 | 10.44 | | |
| CA-415S | 5/8 | | 78.3 | 85.2 | 56.5 | 55.3 | 9.44 | 8.19 | 3.66 |
| CA-417S | 7/8 | | 106.5 | 115.9 | 76.9 | 75.3 | 9.88 | 8.38 | |
| CA-419S | 1-1/8 | | 113.8 | 123.8 | 82.1 | 80.4 | 10.38 | 8.56 | |



CNAU STEEL LIQUID AND SUCTION CORE SHELLS

中澳干燥过滤筒系列

CA Series shells remove organic and inorganic acids and oil breakdown products with added drier cores and elements in the system. Allows the technician to select which core is appropriate for each situation. Especially with after-burn filter elements in the suction line, he can clean up the system for the compressor burned-out service.

Features:

- Sturdy steel shells for long life durability
- Full flow fittings for low pressure drop
- Corrosion resistant epoxy powder paint finish
- Solid copper fittings Safety working pressure
- T-Liquid line-3.4Mpa
- SV-Suction line-2.7Mpa
- Unique internal hardware for hassle-free installation
- Liquid line shells can change the Blocks, and Suction line shells can change The filter cores or elements for after-burn service. Complete line of size

在CA壳体中安装了模制的过滤干燥块后，就得到了完全的液管保护，为了得到优良的大容量吸气管的过滤，可以在CA壳体中安装可更换的过滤芯。吸气管的另一个特点是采用烧损用过滤干燥块，它在压缩机烧损后能起到清洁的作用。耐用的钢制壳体提高了使用寿命，安全工作压力，T-液管用；3.4Mpa SV-吸气管用；2.7Mpa 接头通过满流量时压力损失很小，表面耐腐蚀性高，有多种接头尺寸。

大容量：具有可拆装的钢制壳体用与液管、吸气管过滤干燥。

特点、优点和益处：用于吸气管的可更换过滤芯和处理烧损的过滤干燥块。
用于液管的可更换过滤干燥块
简化的内部零件使安装方便

| 系列 仅供液体管 线使用 For Liquid Line and Suction Line | 连接 焊接口 Connections ODF Only (in) | 制冷量低温/商用 Refrigeration Capacity | | | | | A (in) | B (in) | C (in) | D (in) | E (in) | F (in) | 重量 Weight (kg) | 芯体 数量 Cores |
|---|--|------------------------------------|-------|-------|-------|-------|-----------|-----------|-----------|-----------|-----------|-----------|----------------------|-------------------|
| | | R134a | R12 | R22 | R404a | R502 | | | | | | | | |
| CAA-485T | 5/8 | 28.2 | 28.2 | 35.2 | 28.2 | 28.2 | 9.31 | 6.05 | 4.75 | 6.09 | 3.13 | 4.5 | 5.5 | 1 |
| CAA-487T | 7/8 | 35.2 | 35.2 | 45.8 | 35.2 | 35.2 | 9.5 | | | 6.25 | 3.25 | | | |
| CAA-489T | 1-1/8 | 35.2 | 35.2 | 52.8 | 35.2 | 35.2 | 9.38 | | | 6.31 | 3.25 | | | |
| CAA-4811T | 1-3/8 | 45.8 | 45.8 | 70.4 | 45.8 | 45.8 | 9.75 | | | 6.44 | 3.38 | | | |
| CAA-967T | 7/8 | 70.4 | 70.4 | 88.0 | 52.8 | 52.8 | 15.13 | 6.05 | 4.75 | 11.87 | 3.28 | 4.5 | 8 | 2 |
| CAA-969T | 1-1/8 | 88.0 | 88.0 | 105.6 | 70.4 | 70.4 | 15.19 | | | 11.97 | 3.28 | | | |
| CAA-9611T | 1-3/8 | 105.6 | 105.6 | 123.2 | 88.0 | 88.0 | 15.31 | | | 12.06 | 3.38 | | | |
| CAA-9613T | 1-5/8 | 123.2 | 123.2 | 140.8 | 105.6 | 105.6 | 15.31 | 6.05 | 4.75 | 12.06 | 3.41 | 4.5 | 10 | 3 |
| CAA-1449T | 1-1/8 | 105.6 | 105.6 | 140.8 | 105.6 | 105.6 | 20.5 | | | 17.25 | 3.25 | | | |
| CAA-14411T | 1-3/8 | 140.8 | 140.8 | 176.0 | 123.2 | 123.2 | 20.75 | 6.05 | 4.75 | 17.53 | 3.38 | 4.5 | 19.5 | 4 |
| CAA-14413T | 1-5/8 | 158.4 | 158.4 | 193.6 | 140.8 | 140.8 | 20.75 | | | 17.53 | 3.41 | | | |
| CAA-14417T | 2-1/8 | 176.0 | 176.0 | 211.2 | 158.4 | 158.4 | 20.94 | 6.05 | 4.75 | 17.63 | 3.5 | 4.5 | 19.5 | 4 |
| CAA-19211T | 1-3/8 | 176.0 | 176.0 | 246.4 | 158.4 | 158.4 | 26.66 | | | 23.41 | 3.38 | | | |
| CAA-19213T | 1-5/8 | 211.2 | 211.2 | 281.6 | 193.6 | 193.6 | 26.66 | | | 23.41 | 3.41 | | | |
| CAA-19217T | 2-1/8 | 228.8 | 228.8 | 299.2 | 211.2 | 211.2 | 26.84 | 7.87 | 6.31 | 23.63 | 3.5 | 6.0 | 21 | 3 |
| CAA-30013T | 1-5/8 | 264.0 | 264.0 | 352.0 | 228.8 | 228.8 | 24.78 | | | 19.66 | 4.66 | | | |
| CAA-30017T | 2-1/8 | — | — | — | — | — | 24.87 | 7.87 | 6.31 | 19.87 | 4.66 | 6.0 | 23 | 4 |
| CAA-30021T | 2-5/8 | 281 | 281 | 372 | 245.8 | 245.8 | 25 | | | 20 | 5.06 | | | |
| CAA-30025T | 3-1/8 | 367 | 367 | 393 | 262 | 262 | 25.13 | | | 20.13 | 5.09 | | | |
| CAA-30029T | 3-5/8 | 314 | 314 | 413 | 279 | 279 | 25.13 | | | 20.13 | 5.13 | | | |
| CAA-30034T | 4-1/4 | 335 | 335 | 435 | 298 | 298 | 24.94 | 7.87 | 6.31 | 19.63 | 5.25 | 6.0 | 23 | 4 |
| CAA-40017T | 2-1/8 | 352.0 | 352.0 | 457.6 | 316.8 | 316.8 | 34.56 | | | 30.5 | 5.31 | | | |
| CAA-40021T | 2-5/8 | 404.8 | 404.8 | 528.0 | 352.0 | 352.0 | 34.75 | 30.56 | 5.38 | | | | | |



CNAU REFRIGERANT OIL SEPARATORS

中澳油分离器



Separator is function is to help refrigeration and air conditioning systems operate more efficiently and save energy. In any refrigeration system, refrigeration system, refrigerant and oil are always present. Certain amounts of separator separates the oil from the refrigerant and returns it to the compressor crankcase before it can enter other components of the system.

The less oil in circulation in a refrigeration system, the more refrigerant available for cooling. This increase the efficiency of a system by reducing running time and lowering operation cost.

At following system, the oil separators should be installed:

Multiple compressor racks for supermarkets and air conditioning, systems with long refrigerant lines systems with inherent oil return problems

Ultra-low temperature systems

For use with HCFCs, HFCs and their lubricants

Features:

Hermetic welded construction with steel oil return relief (1/4" or 3/8" SAE connections)

Trusty shut-off of float operated valve, solid copper connections

Corrosion resistant paint corrosion resistant paint

Main working pressure: 3.1 Mpa

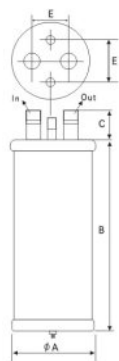
油分离器的功能:

从压缩机来的制冷剂和油的混合物进入油分离器的进口，这个混物流过一个过滤器和挡板装置。使油的细粒聚集并跌落到油分离器的底部，制冷剂气体通过出口过滤器将残余的油粒分离。并在“无油”状态进入冷凝器。制冷剂的油聚在油分离器的底部，在该处由一个浮球操作的针形阀控制，让油回到压缩机中。由于油分离器中的压力比曲轴箱的压力要高，因此油很快地返回到压缩机中。当油位下降，针形阀将关闭以防止制冷气体返回到压缩机。

油分离器的特点:

油分离器的特点是具有独特的过滤器和挡板装置以提高从制冷剂气体混合物中分离油的能力。使用重量轻的不锈钢浮球使润滑油回入压缩机内起到较快的反应。回油采用实铁制管配件和1/4"或3/8"SAE喇叭口接头，使安装极为方便。油分离器可以理想地应用在空调、商业用制冷和低温装置。

| 类型 TYPE | 连接 焊接口(in) Connections ODF Only (in) | 尺寸 Dimensions | | 在下列蒸发温度时的制冷量 (KW) Refrigerating capacity in the following evaporated | | | | | | | | | 对应 型号 Corresponding Type |
|------------|--|---------------|-------|---|-------|-------|-------|-------|------|-------|-------|-------|------------------------------------|
| | | | | R22 | | | R134a | | | R404a | | | |
| | | A(in) | B(in) | -40°C | -20°C | 5°C | -40°C | -20°C | 5°C | -40°C | -20°C | 5°C | |
| | | | | CAW-55824 | 1/2 | 4.00 | 9.60 | 5.3 | 6.2 | 7.0 | 3.2 | 4.5 | |
| CAW-55855 | 5/8 | 4.00 | 13.30 | 15.8 | 17.5 | 19.3 | 11.4 | 13.4 | 15.8 | 14.4 | 16.4 | 19.3 | CAW-5202 |
| CAW-55877 | 7/8 | 4.00 | 16.50 | 24.6 | 26.2 | 28.1 | 16.7 | 19.3 | 22.4 | 22.8 | 25.2 | 28.8 | CAW-5203 |
| CAW-55889 | 1-1/8 | 4.00 | 17.70 | 31.7 | 34.3 | 37.0 | 22.4 | 26.3 | 29.9 | 30.0 | 33.4 | 37.4 | CAW-5204 |
| CAW-559011 | 1-3/8 | 4.00 | 18.70 | 40.4 | 43.6 | 47.5 | 28.1 | 33.6 | 40.4 | 36.7 | 43.3 | 49.0 | CAW-5205 |
| CAW-569011 | 1-3/8 | 6.00 | 13.80 | 45.2 | 47.4 | 49.2 | 33.4 | 40.4 | 48.4 | 41.0 | 45.2 | 50.8 | CAW-6203 |
| CAW-569213 | 1-5/8 | 6.00 | 16.80 | 56.3 | 58.9 | 63.3 | 41.3 | 48.4 | 56.3 | 51.0 | 57.3 | 65.1 | CAW-6204 |
| CAW-569417 | 2-1/8 | 6.00 | 19.20 | 91.4 | 102.3 | 105.5 | 63.3 | 74.8 | 88.8 | 88.5 | 98.4 | 108.6 | CAW-6205 |



**CNAU
REFRIGERATION HEAT EXCHANGER SUCTION ACCUMULATORS**

中澳热交换气液分离器

CA offers the complete line of strong construction of suction accumulators which you with the largest capacity of protection against refrigeration capacity wastage.

在空调系统中，冷媒管路可分为高压和低压两部分，高压冷媒的温度较高，需要冷凝器来冷却，而经过蒸发器后的低压冷媒温度较低，需要液分离器来分离气态及液态的冷媒，而液态的冷媒需要时间和温度升高蒸发后，成为气态后才能进入压缩机，避免液压缩，保证压缩机的使用寿命。

冷媒交换器的功能是把高压、高温需要冷却的冷媒与低压、低温需要温度来蒸发的冷媒两个管路集中的通过在一个容器中，相互以高低温传递。使得需要冷却的冷媒得到低温，需要加热的冷媒得到高温，在经过此一冷热交换的作用后，系统的效率将会大大的提升，才能达到最好的制冷效果。

| 型号 TYPE | A(in) | B(in) | C(in) | D(in) | E(in) | 吸气管 O.D.F ODS Dia (inch) | 液态管 O.D.F Vaive Dia (inch) | 名义制冷量 Nominal Capacity(kw) | | |
|------------|-------|-------|-------|-------|-------|-----------------------------------|-------------------------------------|-------------------------------|------|-----------|
| | | | | | | | | R134a | R22 | R404/R507 |
| CA-2404 | 4 | 8.8 | 1.18 | 2.08 | 2.37 | 1/2" | 3/8" | 3 | 2.7 | 2.8 |
| CA-2405 | 4 | 10.4 | 1.18 | 2.08 | 2.37 | 5/8" | 3/8" | 4.4 | 4 | 4.2 |
| CA-2406 | 5.5 | 10.63 | 1.3 | 3.14 | 2.72 | 3/4" | 1/2" | 6.5 | 46 | 6.1 |
| CA-2407 | 5.5 | 12.6 | 1.5 | 3.14 | 2.72 | 7/8" | 1/2" | 8.5 | 7.8 | 8 |
| CA-2411 | 6.5 | 15.75 | 1.77 | 3.23 | 3.74 | 1-1/8" | 5/8" | 13.5 | 12 | 12.5 |
| CA-2413 | 6.5 | 20.87 | 2.16 | 3.23 | 3.15 | 1-3/8" | 3/4" | 18 | 16.5 | 17 |
| CA-2415 | 6.5 | 22.84 | 2.16 | 3.23 | 3.19 | 1-5/8" | 7/8" | 23 | 21 | 22 |

CNAU SUCTION LINE ACCUMULATORS

中澳气液分离器



Aike refrigeration accumulators can be used for CFC,HCFC HFC refrigerants.

Features:

- Vertically mounted only.
- Install as close to the compressor as possible.
- Suction line from evaporator into inlet connection installed to suction line of compressor.
- Reverse cycle systems required. Accumulator to be installed between the compressor and the reversing valve.
- Keep direct flame away from fusible relief device while soldering connections.
- Safe working pressure:3.1Mpa.
- Complete line of maximum capacities.
- Keep away from welding fire.

安装须知：
垂直安装于支架上
应安装在靠近压缩机吸气口的管路上
当焊接物连接时，使火远离易熔装置
注意监测油稀释、停滞和迁移装置

| 型号 TYPE | 公称管接尺寸 Connections (in) | A(in) | B(in) | 名义制冷量 Nominal Capacity(kw) | | |
|------------|-------------------------------|-------|-------|-------------------------------|------|------|
| | | | | R12 | R22 | R502 |
| CAQ-204 | 1/2 | 4.00 | 8.38 | 3.5 | 3.3 | 3.4 |
| CAQ-205 | 5/8 | 4.00 | 10.63 | 4.4 | 4.0 | 4.2 |
| CAQ-206 | 3/4 | 5.50 | 10.25 | 6.1 | 6.8 | 6.2 |
| CAQ-207 | 7/8 | 5.50 | 12.5 | 9.8 | 9.0 | 9.3 |
| CAQ-208 | 1-1/8 | 6.50 | 15.63 | 14.2 | 13.3 | 13.7 |
| CAQ-209 | 1-3/8 | 6.50 | 20.63 | 21.8 | 20.5 | 21.2 |
| CAQ-210 | 1-5/8 | 6.50 | 22.63 | 23.8 | 22.5 | 23.1 |



CNAU BALL VALVES

中澳球阀

工作温度围 (Temperature range) : -40°C-150°C
 -40°F-300°F

工作压力 (PS/MWP) : 45bar (650psig)

| 编号 Model | ODS | | B mm(毫米) | H mm(毫米) | L mm(毫米) | Y mm(毫米) | P mm(毫米) | ΦI mm(毫米) |
|-------------|--------|-----------|-------------|-------------|-------------|-------------|-------------|--------------|
| | mm(毫米) | inch.(英寸) | | | | | | |
| CA-BV001 | 10 | — | 10 | 55 | 125 | 19 | 38.5 | 4.5 |
| CA-BV002 | — | 3/8" | 10 | 55 | 125 | 19 | 38.5 | 4.5 |
| CA-BV003 | 12 | — | 10 | 58 | 128 | 20 | 43.5 | 4.5 |
| CA-BV004 | — | 1/2" | 10 | 58 | 128 | 20 | 43.5 | 4.5 |
| CA-BV005 | 16 | 5/8" | 12 | 67 | 150 | 24 | 47.5 | 5.5 |
| CA-BV006 | 18 | — | 15 | 74 | 165 | 28 | 52 | 5.5 |
| CA-BV007 | — | 3/4" | 15 | 74 | 165 | 28 | 52 | 5.5 |
| CA-BV008 | 22 | 7/8" | 20 | 86 | 190 | 31 | 59.5 | 6.5 |
| CA-BV009 | 28 | — | 20 | 95 | 210 | 35 | 69.5 | 6.5 |
| CA-BV010 | — | 1-1/8" | 20 | 95 | 210 | 35 | 69.5 | 6.5 |
| CA-BV011 | 35 | 1-3/8" | 25 | 100 | 245 | 35 | — | — |
| CA-BV012 | 42 | — | 25 | 124 | 280 | 46 | — | — |
| CA-BV013 | — | 1-5/8" | 25 | 124 | 280 | 46 | — | — |
| CA-BV014 | 54 | 2-1/8" | 30 | 135 | 320 | 51 | — | — |
| CA-BV015 | 67 | 2-5/8" | 35 | 160 | 380 | 65 | — | — |
| CA-BV016 | 80 | 3-1/8" | 40 | 210 | 420 | 85 | — | — |
| CA-BV017 | 102 | 4-1/8" | 40 | 260 | 430 | 110 | — | — |



CNAU MAGNETIC CHECK VALVE

中澳止逆阀

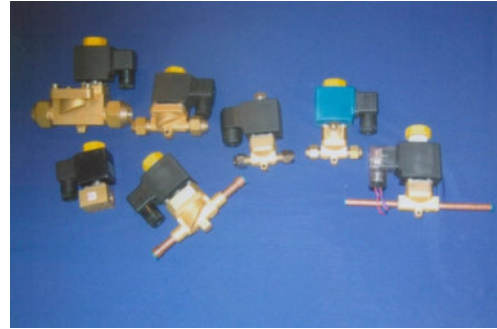
Magnetic flap designed, with strainer mesh
 No limitation for installation position
 Near zero leakage rate in reverse direction

磁性阀片设计，阀体中装有滤网
 安装位置不受限制
 逆向近乎零泄露

| 型号 TYPE | 最大工作压力 Max Working Pressure (Bar) | 极限压力 Burst Pressure (Bar) | 液体制冷量 (冷吨/R22) Capacity Tons R22 Liquid | 60psi时泄漏值 (Cm/second) Leakage Rate @60psi | 滤网精度 Strainer Mesh (u) | 焊接管径 (英寸) ODS Dia (inch) | 实际管径D (英寸) Valve Dia (inch) | 长度U (毫米) Valve Length (inch) | 重量 (公斤) Weight (kg) |
|------------|--|------------------------------------|--|--|---------------------------------|-----------------------------------|--------------------------------------|---------------------------------------|------------------------------|
| CA-SGI-8S | 44 | 220 | 5.50 | 0.009 | 40 | 1/2" | 1-1/8" | 127 | 0.125 |
| CA-SGI-10S | 44 | 220 | 10.00 | 0.009 | 40 | 5/8" | 1-1/8" | 127 | 0.125 |
| CA-SGI-12S | 38.60 | 193 | 15.00 | 0.02 | 40 | 3/4" | 1-5/8" | 177.80 | 0.325 |
| CA-SGI-14S | 38.60 | 193 | 20.00 | 0.02 | 40 | 7/8" | 1-5/8" | 177.80 | 0.325 |
| CA-SGI-18S | 27.60 | 138 | 35.00 | 0.033 | 40 | 1-1/8" | 2-1/8" | 212.90 | 0.56 |
| CA-SGI-22S | 30 | 152 | 65.00 | 0.047 | 40 | 1-3/8" | 2-1/8" | 212.90 | 0.56 |
| CA-SGI-26S | 29 | 145 | 102.00 | 0.074 | 40 | 1-5/8" | 3-1/8" | 260.50 | 1.15 |
| CA-SGI-34S | 27.60 | 138 | 213.00 | 0.105 | 40 | 2-1/8" | 3-1/8" | 260.50 | 1.15 |
| CA-SGI-42S | 26 | 131 | 375.00 | 0.14 | 40 | 2-5/8" | 4-1/8" | 330.20 | 3.35 |

SV SERIES SOLENOID VALVE

中澳电磁阀SV系列



Introduction

SV Series Solenoid Valve is developed on base of absorbing advanced technology in the world. Its performance reaches or over of same product in the world. It features new design, good insulating, waterproof, dampproof, antividration, levei anti-acid and anti-alkali. This series solenoid valve is suit for refrigeration pneumatic and hydraulic system.

介绍

SV 系列电磁阀是我公司最新研制成功的新产品，无论从阀的结构或材料的选择上多经过精心设计，所以在各项性能指标上都能达到或超过国外同类产品的水平。特别是电磁阀的关键部件--电磁线圈，由于它选用了特殊材料和特殊工艺，所以它具有优良的绝缘性能和极好的防水、防震和耐腐蚀性。它适用于冷冻空调、搁置气动及液压系统。

| 型号 TYPE | 接口形式及尺寸 Connection & Dimension(mm) | | | 开阀压差 Opening Diff. Pressure bar | | | 流量(液体) Flow Rate Kvm/h3 | 介质 Available Medium | 介质温度 Temp. of Medium°C |
|------------|------------------------------------|---------|------------------------|------------------------------------|---------|-------|-------------------------------|---|------------------------------|
| | 喇叭口 Flare Net(mm) | | 焊接管(扩管内径) Weld Pipe | 最小 Min. | 最大 Max. | | | | |
| | 螺纹 Screw | 接管 Pipe | | | A. C. | D. C. | | | |
| SV1/2 | G1/2" | | | 0.05 | 21 | 17 | 1.8 | CFC, HCFC HFC, 空气 清洁水及 黏度小于 4E的机油 | (-)25-120 |
| SV2 | M12x1.25 | Φ6x1 | | 0 | 30 | 26 | 0.16 | | |
| SV3 | M12x1.25 | Φ6x1 | | 0 | 17 | 14 | 0.23 | | |
| SV6W | | | Φ8 | 0.05 | 21 | 17 | | | |
| SV8W | | | Φ10 | | | | | | |
| SV6 | M14x1.5 | Φ8x1 | | | | | 0.4 | | |
| SV8 | M16x1.5 | Φ10x1 | | | | | 0.8 | | |
| SV10W | | | Φ12 | | | | 1.9 | | |
| SV13W | | | Φ16 | | | | 3 | | |
| SV10 | M18x1.5 | Φ12x1 | | | | | 1.9 | | |
| SV13 | M22x1.5 | Φ16x1.5 | | | | | 3 | | |
| SV16W | | | Φ19 | | | | 4.5 | | |
| SV19W | | | Φ22 | | | | 5 | | |
| SV16 | M27x2 | Φ19x1.5 | | | | | 4.5 | | |
| SV19 | M30x2 | Φ22x1.5 | | | | | 5 | | |

Usage

1. The valve must install in horizontal pipe line under vertical position. The flow direction must be meet the arrow direction in valve body.
2. The coil input voltage must meet rated input voltage showed on the label. Departure coil from valve when energized in coil is not permitted in order to avoid damage the coil.

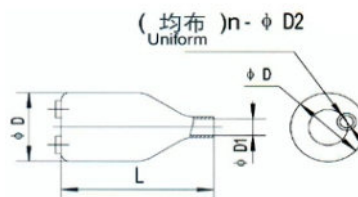
安装

1. 电磁阀必须垂直安装在水平管道上, 介质流动的方向应与电磁阀所示的箭头方向一致。
2. 线圈的工作电压必须与线圈上标明的电压一致, 不允许在电磁线圈通电时从阀上拿下来, 以防烧毁线圈。



CNAU DISTRIBUTOR

中澳分配器



The products are produced with high quality copper pipes, copper belts and brass copper sticks, with 2~8 holes, which can be made according to drawing and designing provided by different customers. With the characters of bright, pleasing to eyes and evenly diffluent, the products are used in connecting pipelines in cooling system.

本系列产品采用优质铜管,铜带和黄铜棒精制而成,有1~18孔,也可根据顾客的图纸设计进行加工制作。具有光洁光亮、外型美观、分流均匀等特点。应用于制冷系统的多管路连接。

(mm)

| 序号 No. | 管径 O. D | 出口管径D1 Outlet Tube Diameter | 孔径D2 Dia | 孔数(n) Cavity No | 总长(L) Total Length |
|-----------|------------|-----------------------------------|-------------|--------------------|--------------------------|
| 1 | 16 | 9.7 | 2.9 | 3 | 40 |
| 2 | 19 | 6 | 3.2 | 3 | 57 |
| 3 | 19 | 6 | 2.7 | 3 | 57 |
| 4 | 19 | 10 | 3 | 3 | 57 |
| 5 | 19 | 10 | 2.8 | 6 | 68 |
| 6 | 19 | 9.6 | 4.9 | 4 | 55 |
| 7 | 21 | 6.5 | 6.5 | 3 | 46.5 |
| 8 | 22 | 7 | 7 | 3 | 55 |
| 9 | 24 | 9.525 | 6 | 3 | 48 |
| 10 | 25 | 10 | 7 | 4 | 53 |
| 11 | 25 | 10 | 4.5 | 3 | 57 |
| 12 | 25 | 9.7 | 8 | 3 | 55 |
| 13 | 25 | 10 | 8 | 4 | 53 |
| 14 | 25 | 10 | 6 | 6 | 55 |
| 15 | 25 | 6.5 | 5.1 | 4 | 50 |
| 16 | 25 | 9.7 | 6.2 | 3 | 42 |
| 17 | 25 | 9.7 | 6.2 | 4 | 40 |
| 18 | 25 | 6.4 | 6.4 | 4 | 45 |
| 19 | 25 | 9.525 | 6.4 | 3 | 45 |
| 20 | 25 | 6.35 | 6.35 | 3 | 43 |
| 21 | 25 | 9.525 | 6.35 | 4 | 60 |
| 22 | 25 | 6.35 | 6.35 | 4 | 60 |
| 23 | 25 | 9.525 | 6.35 | 3 | 58.5 |
| 24 | 25 | 6.35 | 6.35 | 3 | 58.5 |
| 25 | 25 | 9.6 | 6 | 4 | 41 |
| 26 | 25 | 9.7 | 6.5 | 4 | 42 |
| 27 | 25 | 9.6 | 4.8 | 4 | 42 |
| 28 | 25 | 9.6 | 3.3 | 4 | 41 |
| 29 | 25 | 9.6 | 6.4 | 4 | 45 |
| 30 | 25 | 9.6 | 4.8 | 4 | 41 |
| 31 | 25 | 9.7 | 3.7 | 4 | 55 |
| 32 | 25 | 6.5 | 4.7 | 4 | 60 |
| 33 | 25 | 6.5 | 4.7 | 5 | 60 |
| 34 | 25 | 9.525 | 4 | 4 | 50 |
| 35 | 25.4 | 9.6 | 2.5 | 4 | 55 |
| 36 | 25.4 | 12.8 | 3.1 | 6 | 55 |
| 37 | 25.4 | 12.8 | 3.1 | 4 | 55 |

| 序号 No. | 管径 O. D | 出口管径D1 Outlet Tube Diameter | 孔径D2 Dia | 孔数(n) Cavity No | 总长(L) Total Length |
|-----------|------------|-----------------------------------|-------------|--------------------|--------------------------|
| 38 | 26 | 12.87 | 4.9 | 5 | 68 |
| 39 | 28 | 10 | 2.7 | 6 | 68 |
| 40 | 30 | 9.525 | 4.8 | 5 | 58 |
| 41 | 32 | 6.4 | 4.8 | 3 | 53 |
| 42 | 32 | 9.7 | 6.2 | 6 | 42 |
| 43 | 32 | 12.1 | 8.4 | 3 | 75 |
| 44 | 32 | 8.1 | 8.1 | 3 | 76 |
| 45 | 32 | 15.88 | 6.35 | 6 | 45.5 |
| 46 | 32 | 9.525 | 8.2 | 4 | 75 |
| 47 | 32 | 12.7 | 3.5 | 7 | 53 |
| 48 | 32 | 9.525 | 3 | 8 | 53 |
| 49 | 32 | 9.525 | 3.3 | 6 | 57 |
| 50 | 32 | 9.525 | 3.3 | 4 | 58 |
| 51 | 32 | 9.525 | 3.3 | 6 | 57 |
| 52 | 32 | 9.7 | 36.2 | 6 | 44 |
| 53 | 32 | 16 | 6.1 | 6 | 44 |
| 54 | 32 | 9.7 | 3.2 | 4 | 65 |
| 55 | 32 | 12.9 | 4.1 | 4 | 65.5 |
| 56 | 32 | 10 | 5.2 | 4 | 65.5 |
| 57 | 32 | 9.8 | 9.8 | 2 | 82 |
| 58 | 32 | 12.7 | 3.5 | 7 | 53 |
| 59 | 32 | 12.7 | 3 | 8 | 53 |
| 60 | 32 | 12.7 | 3.3 | 6 | 57 |
| 61 | 32.6 | 9.6 | 6.4 | 6 | 45.5 |
| 62 | 40 | 12.7 | 2.5 | 7 | 80 |
| 63 | 40 | 15.88 | 3.2 | 13 | 58 |
| 64 | 40 | 15.88 | 3.2 | 15 | 58 |
| 65 | 40 | 9.525 | 3 | 10 | 58 |
| 66 | 40 | 15.88 | 3.5 | 12 | 58 |
| 67 | 40 | 15.88 | 3.5 | 14 | 58 |
| 68 | 40 | 9.525 | 3 | 8 | 58 |
| 69 | 40 | 12.7 | 3 | 10 | 58 |
| 70 | 40 | 12.7 | 3.5 | 12 | 58 |
| 71 | 40 | 12.7 | 3.5 | 14 | 58 |
| 72 | 50 | 15.88 | 3.2 | 18 | 73 |
| 73 | 50 | 15.88 | 3.21 | 19 | 73 |
| 74 | 50 | 22.23 | 3.3 | 27 | 73 |

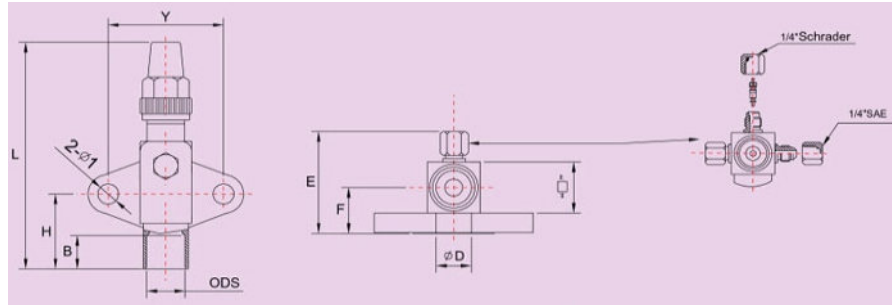
We can meet specific requirement from the customers.

产品说明: 以上是我公司现有产品规格,特殊规格可按客户要求设计生产.



CNAU VALVES WITH AN OVAL FLANGE

中澳带有卵型法兰阀



*尺寸“Y”可根据用户的要求而改变。
Dimension “Y” can change according to the request of the customer

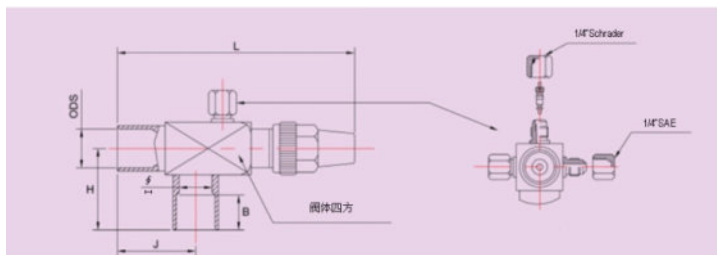
注：加液接头可按用户采用任何一种方式在，左，中，右设置。
Note: add access port at left or right or center according to customer adopting any connecting mode.

| 编号 Modl | 阀体四方 mm×mm | Y mm(毫米) | ΦD mm(毫米) | ODS mm(毫米) inch.(英寸) | B mm(毫米) | H mm(毫米) | E mm(毫米) | F mm(毫米) | L mm(毫米) | ΦI mm(毫米) |
|------------|---------------|-------------|--------------|-------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| CA-OV01 | 20 | 42 | 11 | 10 — | 15 | 35.5 | 50 | 22.5 | 102 | 9 |
| CA-OV02 | | | | — 3/8" | | 35.5 | 50 | 22.5 | 102 | |
| CA-OV03 | | | | 12 — | | 38.5 | 50 | 22.5 | 105 | |
| CA-OV04 | | | | — 1/2" | | 38.5 | 50 | 22.5 | 105 | |
| CA-OV05 | | | | 16 5/8" | | 40.5 | 50 | 22.5 | 107 | |
| CA-OV06 | 22 | 42 | 12.5 | 16 5/8" | 15 | 37.5 | 52.5 | 23 | 107 | 9 |
| CA-OV07 | | | | 18 — | | 40.5 | 52.5 | 23 | 110 | |
| CA-OV08 | | | | — 3/4" | | 40.5 | 52.5 | 23 | 110 | |
| CA-OV09 | 30 | 55 | 19 | 18 — | 20 | 49.5 | 62 | 28 | 141 | 11 |
| CA-OV10 | | | | — 3/4" | | 49.5 | 62 | 28 | 141 | |
| CA-OV11 | | | | 22 7/8" | | 19.5 | 62 | 28 | 141 | |
| CA-OV12 | | | | 28 — | | 53.5 | 62 | 28 | 145 | |
| CA-OV13 | | | | — 1-1/8" | | 53.5 | 62 | 28 | 145 | |
| CA-OV14 | | 18 — | 49.5 | 62 | 28 | 141 | | | | |
| CA-OV15 | | — 3/4" | 49.5 | 62 | 28 | 141 | | | | |
| CA-OV16 | | 22 7/8" | 49.5 | 62 | 28 | 141 | | | | |
| CA-OV17 | | 28 — | 53.5 | 62 | 28 | 145 | | | | |
| CA-OV18 | | — 1-1/8" | 53.5 | 62 | 28 | 145 | | | | |
| CA-OV19 | 35 | 66 | 27 | 22 7/8" | 25 | 49.5 | 62 | 28 | 150 | 11 |
| CA-OV20 | | | | 28 — | | 53.5 | 62 | 28 | 150 | |
| CA-OV21 | | | | — 1-1/8" | | 53.5 | 62 | 28 | 150 | |
| CA-OV22 | | | | 28 — | | 59 | 67.5 | 30.5 | 166 | |
| CA-OV23 | 40 | 55 | 27 | — 1-1/8" | 30 | 59 | 67.5 | 30.5 | 166 | 11 |
| CA-OV24 | | | | 35 1-3/8" | | 61 | 67.5 | 30.5 | 168 | |
| CA-OV25 | | | | 28 — | | 65 | 67.5 | 30.5 | 166 | |
| CA-OV26 | | — 1-1/8" | 65 | 67.5 | | 30.5 | 166 | | | |
| CA-OV27 | | 35 1-3/8" | 61 | 67.5 | | 30.5 | 168 | | | |
| CA-OV28 | | 42 — | 65 | 67.5 | | 30.5 | 172 | | | |
| CA-OV29 | | — 1-5/8" | 65 | 67.5 | | 30.5 | 172 | | | |
| CA-OV30 | 40 | 66 | 33 | 35 1-3/8" | 30 | 66 | 72 | 40 | 180 | 11 |
| CA-OV31 | | | | 42 — | | 68 | 72 | 40 | 182 | |
| CA-OV32 | | | | — 1-5/8" | | 68 | 72 | 40 | 182 | |



CNAU SOLDERING ANGLE VALVES

中澳焊接角阀

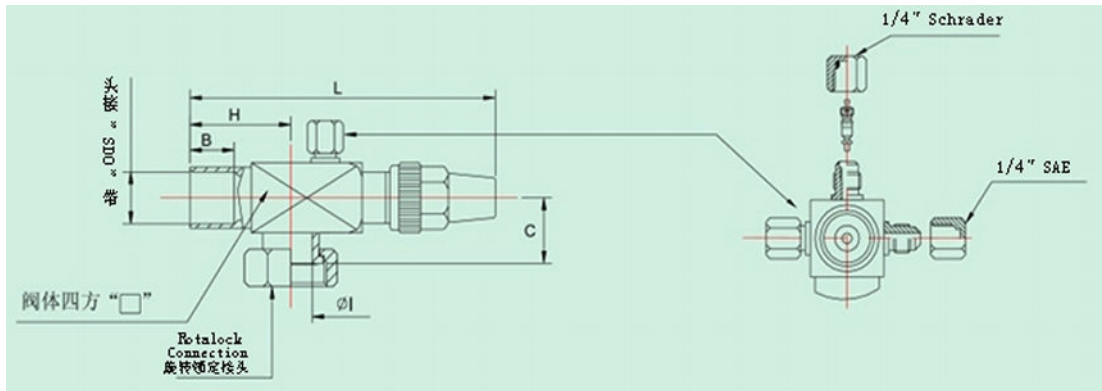
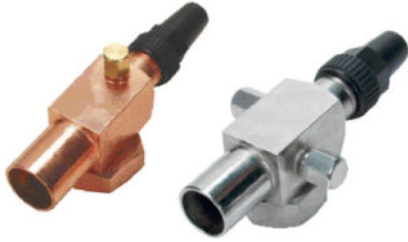


注：加液接头可按用户采用任何一种方式在，左，中，右设置。
Note: add access port at left or right or center according to customer adopting any connecting mode.

| 编号 Model | 阀体四方 mm x mm | ODS | | B mm(毫米) | ΦI mm(毫米) | H mm(毫米) | J mm(毫米) | L mm(毫米) |
|-------------|-----------------|--------|-----------|-------------|--------------|-------------|-------------|-------------|
| | | mm(毫米) | inch.(英寸) | | | | | |
| CA-AV001 | 20 | 10 | — | 10 | 8 | 31 | 35.5 | 102 |
| CA-AV002 | | — | 3/8" | 10 | 8 | 31 | 35.5 | 102 |
| CA-AV003 | | 12 | — | 10 | 11 | 31 | 38.5 | 105 |
| CA-AV004 | | — | 1/2" | 10 | 11 | 31 | 38.5 | 105 |
| CA-AV005 | | 16 | 5/8" | 10 | 11 | 31 | 40.5 | 107 |
| CA-AV006 | 22 | 16 | 5/8" | 12 | 13 | 36 | 37.5 | 107 |
| CA-AV007 | | 18 | — | 12 | 13 | 39 | 40.5 | 110 |
| CA-AV008 | | — | 3/4" | 12 | 13 | 39 | 40.5 | 110 |
| CA-AV009 | 30 | 18 | — | 20 | 18 | 47 | 49.5 | 141 |
| CA-AV010 | | — | 3/4" | 20 | 18 | 47 | 49.5 | 141 |
| CA-AV011 | | 22 | 7/8" | 20 | 20 | 47 | 49.5 | 141 |
| CA-AV012 | | 28 | — | 20 | 20 | 51 | 53.5 | 145 |
| CA-AV013 | | — | 1-1/8" | 20 | 20 | 51 | 53.5 | 145 |
| CA-AV014 | 35 | 28 | — | 20 | 26 | 56.5 | 59 | 166 |
| CA-AV015 | | — | 1-1/8" | 22 | 26 | 56.5 | 59 | 166 |
| CA-AV016 | | 35 | 1-3/8" | 20 | 26 | 58.5 | 61 | 168 |
| CA-AV017 | | 42 | — | 20 | 26 | 57.5 | 65 | 172 |
| CA-AV018 | | — | 1-5/8" | 20 | 26 | 57.5 | 65 | 172 |
| CA-AV019 | 40 | 35 | 1-3/8" | 25 | 31 | 62 | 66 | 180 |
| CA-AV020 | | 42 | — | 25 | 31 | 62 | 68 | 182 |
| CA-AV021 | | — | 1-5/8" | 25 | 31 | 62 | 68 | 182 |
| CA-AV022 | 50 | 42 | — | 25 | 38 | 73 | 74.5 | 200 |
| CA-AV023 | | — | 1-5/8" | 25 | 38 | 73 | 74.5 | 200 |
| CA-AV024 | | 54 | 2-1/8" | 25 | 38 | 73 | 76.5 | 200 |
| CA-AV025 | 65 | 54 | 2-1/8" | 30 | 50 | 79.5 | 85 | 238 |
| CA-AV026 | | 67 | 2-5/8" | 30 | 50 | 81.5 | 87 | 240 |


CNAU SOLDERING VALVES WITH ROTALOCK CONNECTION

中澳焊接旋转锁定接头阀



注：加液接头可按用户采用任何一种方式在，左，中，右设置。

Note: add access port at left or right or center according to customer adopting any connecting mode.

| 编号 Model | 阀体四方 mm x mm | ODS | | B mm(毫米) | H mm(毫米) | C mm(毫米) | L mm(毫米) | ΦI mm(毫米) | | |
|-------------|-----------------|-------------------------|----------------------|--------------------------|-------------|-------------|-------------|--------------|-----|----|
| | | mm(毫米) | inch.(英寸) | | | | | | | |
| CA-RV001 | 20 | 3/4"-16UNF SW22(六角) | 6 | — | 10 | 33 | 100 | 8 | | |
| CA-RV002 | | | — | 1/4" | 10 | 33 | 100 | 8 | | |
| CA-RV003 | | | 10 | — | 12 | 35 | 102 | 8 | | |
| CA-RV004 | | | — | 3/8" | 12 | 35 | 102 | 8 | | |
| CA-RV005 | | | 12 | — | 12 | 38 | 105 | 8 | | |
| CA-RV006 | | | — | 1/2" | 12 | 38 | 105 | 8 | | |
| CA-RV007 | | 22 | 1"-14UNS SW30(六角) | 6 | — | 10 | 33 | 100 | 11 | |
| CA-RV008 | | | | — | 1/4" | 10 | 33 | 100 | 11 | |
| CA-RV009 | | | | 10 | — | 12 | 35 | 102 | 11 | |
| CA-RV010 | | | | — | 3/8" | 12 | 35 | 102 | 11 | |
| CA-RV011 | | | | 12 | — | 12 | 38 | 105 | 11 | |
| CA-RV012 | | | | — | 1/2" | 12 | 38 | 105 | 11 | |
| CA-RV013 | | | 30 | 1-1/4"-12UNF SW36(六角) | 16 | 5/8" | 12 | 40 | 107 | 11 |
| CA-RV014 | | | | | 18 | — | 12 | 43 | 110 | 11 |
| CA-RV015 | | | | | — | 3/4" | 12 | 43 | 110 | 11 |
| CA-RV016 | 35 | | | 1-3/4"-12UN SW50(六角) | 12 | — | 20 | 49.5 | 141 | 19 |
| CA-RV017 | | | | | — | 3/4" | 20 | 49.5 | 141 | 19 |
| CA-RV018 | | | | | 22 | 7/8" | 20 | 49.5 | 141 | 19 |
| CA-RV019 | | | | — | — | 20 | 52.5 | 145 | 19 | |
| CA-RV020 | | | | — | 1-1/8" | 20 | 52.5 | 145 | 19 | |
| CA-RV021 | | | | 18 | — | 20 | 49.5 | 141 | 19 | |
| CA-RV022 | | — | 3/4" | 20 | 49.5 | 141 | 19 | | | |
| CA-RV023 | | 22 | 7/8" | 20 | 49.5 | 141 | 19 | | | |
| CA-RV024 | | — | — | 20 | 52.5 | 145 | 19 | | | |
| CA-RV025 | 50 | 2-1/4"-12UN SW65(六角) | 28 | — | 20 | 52.5 | 145 | 19 | | |
| CA-RV026 | | | — | 1-1/8" | 20 | 52.5 | 145 | 19 | | |
| CA-RV027 | | | 18 | — | 20 | 49.5 | 141 | 19 | | |
| CA-RV028 | | — | 3/4" | 20 | 49.5 | 141 | 19 | | | |
| CA-RV029 | | 22 | 7/8" | 20 | 49.5 | 141 | 19 | | | |
| CA-RV030 | | — | — | 20 | 52.5 | 145 | 19 | | | |
| CA-RV031 | | — | 1-1/8" | 20 | 52.5 | 145 | 19 | | | |
| CA-RV032 | | 28 | — | 20 | 59 | 166 | 27 | | | |
| CA-RV033 | | — | 1-1/8" | 20 | 59 | 166 | 27 | | | |
| CA-RV034 | 35 | 1-3/8" | 20 | 61 | 168 | 27 | | | | |
| CA-RV035 | 42 | — | 20 | 65 | 172 | 27 | | | | |
| CA-RV036 | — | 1-5/8" | 20 | 65 | 172 | 27 | | | | |
| CA-RV037 | 35 | 1-3/8" | 25 | 72.5 | 196 | 40 | | | | |
| CA-RV038 | 42 | — | 25 | 74.5 | 200 | 40 | | | | |
| CA-RV039 | — | 1-5/8" | 25 | 74.5 | 200 | 40 | | | | |
| CA-RV040 | 54 | 2-1/8" | 25 | 76.5 | 200 | 40 | | | | |

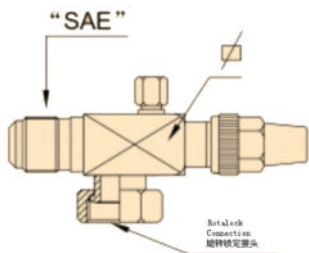



CNAU ANGLE VALVES AND VALVES WITH ROTALOCK CONNECTION

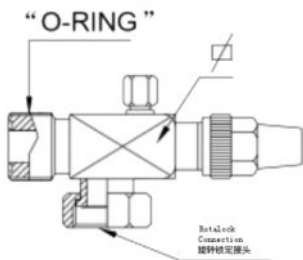
中澳角阀和旋转锁定接头阀




注：加液接头可按用户采用任何一种方式在，左，中，右设置。
Note: add access port at left or right or center according to customer adopting any connecting mode.



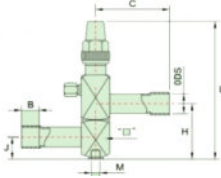
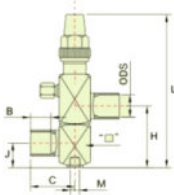
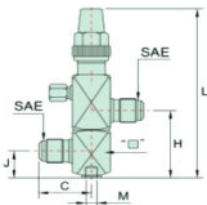
| 编号 Model |  mm(毫米) | Rotalock Connection 旋转锁定接头 | SAE FLARE(扩口) |
|-------------|--|----------------------------------|------------------|
| CA-WRV06 | □ 20 | 3/4"-16UNF SW 22(六角) | 1/4" |
| CA-WRV07 | | | 3/8" |
| CA-WRV08 | | | 1/2" |
| CA-WRV09 | | 1"-16UNF SW 30(六角) | 1/4" |
| CA-WRV10 | | | 3/8" |
| CA-WRV11 | | | 1/2" |
| CA-WRV12 | □ 22 | 1-1/4"-12UNF SW 36(六角) | 5/8" |
| CA-WRV13 | | | 3/4" |
| CA-WRV14 | | | 3/4" |



| 编号 Model |  mm(毫米) | Rotalock Connection 旋转锁定接头 | O-RING |
|-------------|---|----------------------------------|--------------|
| CA-WRV15 | □ 20 | 3/4"-16UNF SW 22(六角) | 1/4" |
| CA-WRV16 | | | 9/16"-18UN |
| CA-WRV17 | | | 3/8" |
| CA-WRV18 | □ 22 | 1"-14UNS SW 30(六角) | 11/16"-16UN |
| CA-WRV19 | | | 1/2" |
| CA-WRV20 | | | 13/16"-16UN |
| CA-WRV18 | □ 22 | 1-1/4"-12UNF SW 36(六角) | 5/8" |
| CA-WRV19 | | | 1"-14UN |
| CA-WRV19 | | | 3/4" |
| CA-WRV20 | □ 30 | 1-3/16"-12UN | 3/4" |
| CA-WRV20 | | | 1-3/16"-12UN |


CNAU WITH THREADED BASE VERTICAL VALVES

中澳带螺纹底座的立式阀


Copper sweat
 紫铜管焊接

Brass sweat
 黄铜管焊接

SAE 45°C Flare
 螺纹连接


| 编号 Model | 阀体四方 mm x mm | ODS | | B mm(毫米) | C mm(毫米) | H mm(毫米) | J mm(毫米) | L mm(毫米) | M |
|-------------|-----------------|--------|----------|-------------|-------------|-------------|-------------|-------------|-----|
| | | mm(毫米) | inch(英寸) | | | | | | |
| CA-SBVC01 | 20 | 6 | — | 6 | 50 | 44 | 19 | 110 | M8 |
| CA-SBVC02 | | — | 1/4" | 6 | 50 | 44 | 19 | 110 | |
| CA-SBVC03 | | 10 | — | 10 | 57.5 | 44 | 19 | 110 | |
| CA-SBVC04 | | — | 3/8" | 10 | 57.5 | 44 | 19 | 110 | |
| CA-SBVC05 | | 12 | — | 10 | 59 | 44 | 19 | 110 | |
| CA-SBVC06 | | — | 1/2" | 10 | 59 | 44 | 19 | 110 | |
| CA-SBVC07 | | 16 | 5/8" | 12 | 66 | 44 | 19 | 110 | |
| CA-SBVC08 | 30 | 18 | — | 15 | 70 | 62 | 27 | 155 | M10 |
| CA-SBVC09 | | — | 3/4" | 15 | 70 | 62 | 27 | 155 | |
| CA-SBVC10 | | 22 | 7/8" | 20 | 72 | 62 | 27 | 155 | |
| CA-SBVC11 | | 28 | — | 20 | 74 | 62 | 27 | 155 | |
| CA-SBVC12 | | — | 1-1/8" | 20 | 74 | 62 | 27 | 155 | |
| CA-SBVC13 | | 28 | — | 20 | 76 | 62 | 27 | 155 | |
| CA-SBVC14 | | 35 | — | 1-1/8" | 20 | 76 | 74 | 30 | |
| CA-SBVC15 | 35 | | 1-3/8" | 25 | 79 | 74 | 30 | 180 | |

| 编号 Model | 阀体四方 mm x mm | ODS | | B mm(毫米) | C mm(毫米) | H mm(毫米) | J mm(毫米) | L mm(毫米) | M |
|-------------|-----------------|--------|----------|-------------|-------------|-------------|-------------|-------------|-----|
| | | mm(毫米) | inch(英寸) | | | | | | |
| CA-SBVB01 | 20 | 6 | — | 10 | 27.5 | 44 | 19 | 110 | M8 |
| CA-SBVB02 | | — | 1/4" | 10 | 27.5 | 44 | 19 | 110 | |
| CA-SBVB03 | | 10 | — | 12 | 30.5 | 44 | 19 | 110 | |
| CA-SBVB04 | | — | 3/8" | 12 | 30.5 | 44 | 19 | 110 | |
| CA-SBVB05 | | 12 | — | 12 | 30.5 | 44 | 19 | 110 | |
| CA-SBVB06 | | — | 1/2" | 12 | 30.5 | 44 | 19 | 110 | |
| CA-SBVB07 | | 16 | 5/8" | 12 | 30.5 | 44 | 19 | 110 | |
| CA-SBVB08 | 30 | 18 | — | 16 | 47 | 62 | 27 | 155 | M10 |
| CA-SBVB09 | | — | 3/4" | 16 | 47 | 62 | 27 | 155 | |
| CA-SBVB10 | | 22 | 7/8" | 20 | 47 | 62 | 27 | 155 | |
| CA-SBVB11 | | 28 | — | 20 | 51 | 62 | 27 | 155 | |
| CA-SBVB12 | | — | 1-1/8" | 20 | 51 | 62 | 27 | 155 | |
| CA-SBVB13 | | 28 | — | 20 | 51 | 62 | 27 | 155 | |
| CA-SBVB14 | | 35 | — | 1-1/8" | 20 | 56.5 | 74 | 30 | |
| CA-SBVB15 | 35 | | 1-3/8" | 25 | 56.5 | 74 | 30 | 180 | |

| 编号 Model | 阀体四方 mm x mm | ODS | | H mm(毫米) | J mm(毫米) | L mm(毫米) | C mm(毫米) | M |
|-------------|-----------------|---------------|--------------|-------------|-------------|-------------|-------------|-----|
| | | FLARE (扩口) | NUF | | | | | |
| CA-SBVF1 | 20 | 1/4" | 7/16-20UNF | 44 | 19 | 110 | 24 | M8 |
| CA-SBVF2 | | 3/8" | 5/8-18UNF | 44 | 19 | 110 | 31.5 | |
| CA-SBVF3 | | 1/2" | 3/4-16UNF | 44 | 19 | 110 | 31 | |
| CA-SBVF4 | | 5/8" | 7/8-20UNF | 44 | 19 | 110 | 33.5 | |
| CA-SBVF5 | 30 | 3/4" | 1-1/16-20UNF | 62 | 27 | 155 | 42.5 | M10 |
| CA-SBVF6 | | 7/8" | 1-1/4-12UNF | 62 | 27 | 155 | 46 | |

CNAU SPECIAL VALVES

中澳特种阀

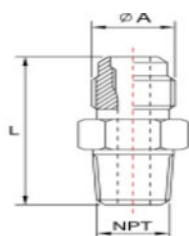
注：可根据客户的特殊要求订做特种阀

We can produce special valves according to customer special requiring

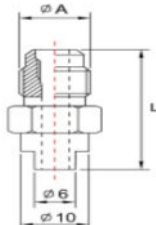


CNAU ACCESS VALVES

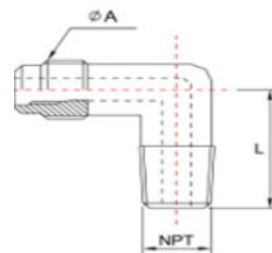
中澳通路阀



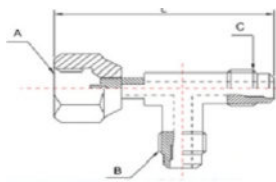
| 编号 Model | ΦA FLARE 扩口 | NPT | L mm毫米 |
|-------------|----------------|------|-----------|
| 050 | Schrader | 1/8" | 31 |
| 051 | Schrader | 1/4" | 36 |



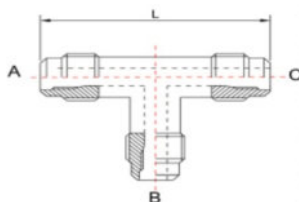
| 编号 Model | ΦA FLARE 扩口 | L mm毫米 |
|-------------|----------------|-----------|
| 052 | Schrader | 25 |



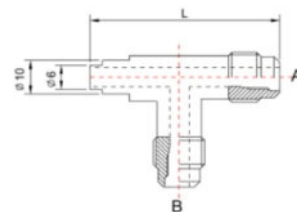
| 编号 Model | ΦA FLARE 扩口 | NPT | L mm毫米 |
|-------------|----------------|------|-----------|
| 053 | Schrader | 1/8" | 31 |



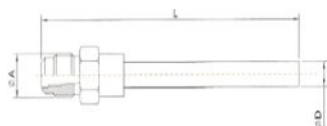
| 编号 Model | A FLARE 扩口 | B FLARE 扩口 | C FLARE 扩口 | L mm毫米 |
|-------------|---------------|---------------|---------------|-----------|
| 054 | 1/4" | Schrader | 1/4" | 52 |
| 055 | Schrader | 1/4"N | 1/4" | 45 |
| 056 | 1/4" | Schrader | Schrader | 52 |
| 057 | Schrader | 1/4"N | Schrader | 45 |



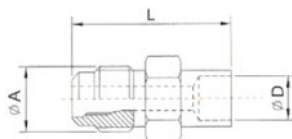
| 编号 Model | A FLARE 扩口 | B FLARE 扩口 | C FLARE 扩口 | L mm毫米 |
|-------------|---------------|---------------|---------------|-----------|
| 058 | Schrader | 1/4" | 1/4" | 45 |
| 059 | 1/4" | Schrader | 1/4" | 45 |
| 060 | Schrader | Schrader | 1/4" | 45 |



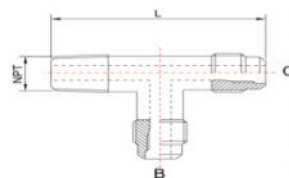
| 编号 Model | A FLARE 扩口 | B FLARE 扩口 | L mm毫米 |
|-------------|---------------|---------------|-----------|
| 061 | Schrader | 1/4" | 40 |
| 062 | 1/4" | Schrader | 40 |
| 063 | Schrader | Schrader | 40 |



| 编号 Model | ΦA FLARE 扩口 | ΦD mm毫米 inch. (英寸) | L mm毫米 |
|-------------|----------------|--------------------------|-----------|
| 070 | Schrader | 6 — | 90 |
| 071 | Schrader | — 1/4" | 90 |
| 072 | Schrader | 6 — | 120 |
| 073 | Schrader | — 1/4" | 120 |



| 编号 Model | ΦA FLARE | ΦD mm毫米 | L mm毫米 |
|-------------|-------------|------------|-----------|
| 074 | Schrader | 6 | 25 |
| 075 | Schrader | 1/4" | 25 |

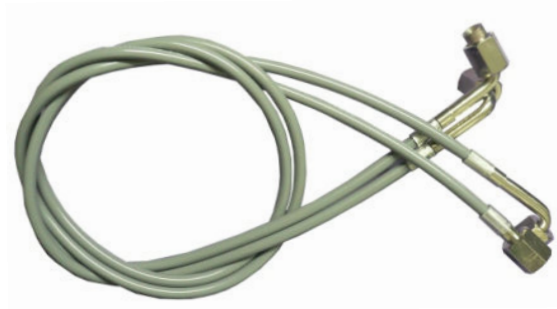


| 编号 Model | NPT | B FLARE 扩口 | C FLARE 扩口 | L mm毫米 |
|-------------|------|---------------|---------------|-----------|
| 064 | 1/8" | Schrader | 1/4" | 45 |
| 065 | 1/8" | 1/4" | Schrader | 45 |
| 066 | 1/8" | Schrader | Schrader | 45 |
| 067 | 1/4" | Schrader | 1/4" | 48 |
| 068 | 1/4" | 1/4" | Schrader | 48 |
| 069 | 1/4" | Schrader | Schrader | 48 |

KOREA NARA FLEXIBLE HOSE CONNECTOR

• 韩国 NARA 软管接头

接头 FITTINGS (Coupling)



弯通
Elbow Crimping FITTING Kit



三通
Tee Crimping Fitting Kit



直通
Straight Crimping FITTING Kit

规格 Specifications

| 型号 MODEL NO. | 软管 HOSE | T | B (mm) | C (mm) | D (mm) | H (mm) | L (mm) | X (mm) | Y (mm) | 重量 WEIGHT (g) | PUSHER | DIE |
|-----------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------------|--------------|----------|
| RHC-UNF7/16-01 | RH-01 | 7/16-20UNF | / | 8 | 0.9 | 8 | 33.5 | 17 | / | 30 | PRHC-01 | SP-RH-01 |
| RHC-UNF7/16-02 | RH-02 | 7/16-20UNF | 4 | 7.5 | 1.8 | 9.8 | 41 | 17 | 14 | 38 | PSK7/16-02-S | SP-RH-02 |
| RHC-UNF5/8-02 | RH-02 | 5/8-18UNF | 4 | 13 | 1.8 | 9.5 | 41 | 22 | 19 | 46 | PSK5/8-06 | SP-RH-02 |
| RHC-UNF7/16-04 | RH-04 | 7/16-20UNF | 4 | 7.5 | 3.5 | 9.8 | 40 | 17 | 14 | 40 | PSK7/16-02-S | SP07-04 |
| RHC-UNF5/8-04 | RH-04 | 5/8-18UNF | 4 | 13 | 3.5 | 9.5 | 40 | 22 | 19 | 48 | PSK5/8-06 | SP07-04 |

规格 Specifications

| 型号 MODEL NO. | 软管 HOSE | T | C (mm) | D (mm) | H (mm) | L1 (mm) | L2 (mm) | X (hex) | 重量 WEIGHT (g) | PUSHER | DIE |
|-----------------|------------|------------|-----------|-----------|-----------|------------|------------|------------|------------------|------------|----------|
| RH90-UNF7/16-01 | RH-01 | 7/16-20UNF | 8 | 1.2 | 10 | 39 | 30 | 17 | 33 | PRH90-01 | SP-RH-01 |
| RH90-UNF7/16-02 | RH-02 | 7/16-20UNF | 8 | 1.8 | 10 | 41 | 30 | 17 | 35 | PRH90-01 | SP-RH-02 |
| RH90-UNF5/8-02 | RH-02 | 5/8-18UNF | 13 | 1.8 | 9.5 | 45 | 32 | 22 | 50 | PAF-14-04N | SP-RH-02 |
| RH90-UNF7/16-04 | RH-04 | 7/16-20UNF | 8 | 3.5 | 10 | 44 | 32 | 17 | 45 | PAF-14-04N | SP07-04 |
| RH90-UNF5/8-04 | RH-04 | 5/8-18UNF | 13 | 3.5 | 9.5 | 44 | 32 | 22 | 56 | PAF-14-04N | SP07-04 |



CNAU Capillary Hoses

CNAU压力软管



弯通
Elbow Crimping FITTING Kit



三通
Tee Crimping Fitting Kit



直通
Straight Crimping FITTING Kit

规格 Specifications

| 产品代码 part number | 包装规格 m/卷 peck conf | 外径 (OD) mm | 工作压力 (WP) | | | 爆破压力 (BP) | | | 工作温度 (WT) | | 弯曲半径 (Bend Radius) mm |
|---------------------|--------------------------|------------------|--------------|------|------|--------------|-----|------|--------------|--------|-----------------------------|
| | | | bar | MPa | psi | bar | MPa | psi | min°C | max°C | |
| CA-DN2-9218B | 50m | 5.9 | 120 | 12.0 | 1740 | 600 | 60 | 8700 | -45°C | +130°C | 10 |
| CA-DN2-9218 | | 5.9 | 120 | 12.0 | 1740 | 600 | 60 | 8700 | -45°C | +130°C | 10 |
| CA-DN2-9218B | 10m | 5.9 | 120 | 12.0 | 1740 | 600 | 60 | 8700 | -45°C | +130°C | 10 |
| CA-DN2-9218 | | 5.9 | 120 | 12.0 | 1740 | 600 | 60 | 8700 | -45°C | +130°C | 10 |

规格 Specifications

| 产品代码 part number | 包装规格 m/卷 peck conf | 外径 (OD) mm | 工作压力 (WP) | | | 爆破压力 (BP) | | | 工作温度 (WT) | | 弯曲半径 (Bend Radius) mm |
|---------------------|--------------------------|------------------|--------------|------|------|--------------|-----|------|--------------|--------|-----------------------------|
| | | | bar | MPa | psi | bar | MPa | psi | min°C | max°C | |
| CA-DN4-9299B | 50m | 8.9 | 120 | 12.0 | 1740 | 600 | 60 | 8700 | -45°C | +130°C | 25 |
| CA-DN4-9299 | | 8.9 | 120 | 12.0 | 1740 | 600 | 60 | 8700 | -45°C | +130°C | 25 |
| CA-DN4-9299B | 10m | 8.9 | 120 | 12.0 | 1740 | 600 | 60 | 8700 | -45°C | +130°C | 25 |
| CA-DN4-9299 | | 8.9 | 120 | 12.0 | 1740 | 600 | 60 | 8700 | -45°C | +130°C | 25 |

规格 Specifications

| 产品代码 part number | 包装规格 m/卷 peck conf | 外径 (OD) mm | 工作压力 (WP) | | | 爆破压力 (BP) | | | 工作温度 (WT) | | 弯曲半径 (Bend Radius) mm |
|---------------------|--------------------------|------------------|--------------|------|------|--------------|-----|------|--------------|--------|-----------------------------|
| | | | bar | MPa | psi | bar | MPa | psi | min°C | max°C | |
| CA-DN6-9876B | 50m | 10.9 | 120 | 12.0 | 1740 | 600 | 60 | 8700 | -45°C | +130°C | 35 |
| CA-DN6-9876 | | 10.9 | 120 | 12.0 | 1740 | 600 | 60 | 8700 | -45°C | +130°C | 35 |
| CA-DN6-9876B | 10m | 10.9 | 120 | 12.0 | 1740 | 600 | 60 | 8700 | -45°C | +130°C | 35 |
| CA-DN6-9876 | | 10.9 | 120 | 12.0 | 1740 | 600 | 60 | 8700 | -45°C | +130°C | 35 |

Gomax Capillary Hoses

意大利压力软管



弯通
Elbow Crimping FITTING Kit

三通
Tee Crimping Fitting Kit

直通
Straight Crimping FITTING Kit

规格 Specifications

| 产品代码 part number | 包装规格 m/卷 peck conf | 外径 (OD) mm | 工作压力 (WP) | | | 爆破压力 (BP) | | | 工作温度 (WT) | | 弯曲半径 (Bend Radius) mm |
|------------------------|--------------------------|------------------|--------------|------|------|--------------|-----|------|--------------|--------|-----------------------------|
| | | | bar | MPa | psi | bar | MPa | psi | min°C | max°C | |
| 0780C | 50m | 5.9 | 120 | 12.0 | 1740 | 600 | 60 | 8700 | -45°C | +130°C | 10 |
| 0780BC | | 5.9 | 120 | 12.0 | 1740 | 600 | 60 | 8700 | -45°C | +130°C | 10 |
| 0780K | 10m | 5.9 | 120 | 12.0 | 1740 | 600 | 60 | 8700 | -45°C | +130°C | 10 |
| 0780BK | | 5.9 | 120 | 12.0 | 1740 | 600 | 60 | 8700 | -45°C | +130°C | 10 |

规格 Specifications

| 产品代码 part number | 包装规格 m/卷 peck conf | 外径 (OD) mm | 工作压力 (WP) | | | 爆破压力 (BP) | | | 工作温度 (WT) | | 弯曲半径 (Bend Radius) mm |
|------------------------|--------------------------|------------------|--------------|------|------|--------------|-----|------|--------------|--------|-----------------------------|
| | | | bar | MPa | psi | bar | MPa | psi | min°C | max°C | |
| 0789C | 50m | 8.9 | 120 | 12.0 | 1740 | 600 | 60 | 8700 | -45°C | +130°C | 25 |
| 0789BC | | 8.9 | 120 | 12.0 | 1740 | 600 | 60 | 8700 | -45°C | +130°C | 25 |
| 0789K | 10m | 8.9 | 120 | 12.0 | 1740 | 600 | 60 | 8700 | -45°C | +130°C | 25 |
| 0789BK | | 8.9 | 120 | 12.0 | 1740 | 600 | 60 | 8700 | -45°C | +130°C | 25 |

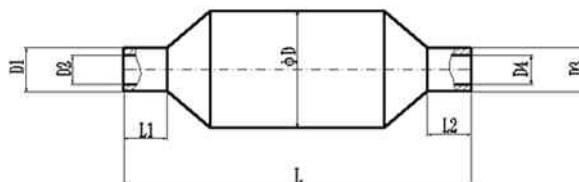
规格 Specifications

| 产品代码 part number | 包装规格 m/卷 peck conf | 外径 (OD) mm | 工作压力 (WP) | | | 爆破压力 (BP) | | | 工作温度 (WT) | | 弯曲半径 (Bend Radius) mm |
|------------------------|--------------------------|------------------|--------------|------|------|--------------|-----|------|--------------|--------|-----------------------------|
| | | | bar | MPa | psi | bar | MPa | psi | min°C | max°C | |
| 0786C | 50m | 10.9 | 120 | 12.0 | 1740 | 600 | 60 | 8700 | -45°C | +130°C | 35 |
| 0786BC | | 10.9 | 120 | 12.0 | 1740 | 600 | 60 | 8700 | -45°C | +130°C | 35 |
| 0786K | 10m | 10.9 | 120 | 12.0 | 1740 | 600 | 60 | 8700 | -45°C | +130°C | 35 |
| 0786BK | | 10.9 | 120 | 12.0 | 1740 | 600 | 60 | 8700 | -45°C | +130°C | 35 |



CNAU Muffler Liquid Reservoir Series

- 中澳消音器、储液管



The products are made of high quality copper pipes, and proceed by advanced rotary technology, with characteristics of bright, clean powerful capability of noise elimination and liquid storage. The products can be used to reduce noise, make quiet environment and enhance circulation ability in cooling products.

本系列产品采用优质铜管和先进的旋转工艺精制而成。具有内外光洁、外型美观、工艺精良、消声和储液效果明显等特点。是制冷产品降低噪音，创造宁静环境和提高循环系统的必备部件。

(mm)

| No | D | D1 | D2 | D3 | D4 | L | L1 | L2 | No | D | D1 | D2 | D3 | D4 | L | L1 | L2 |
|----|-------|-------|-------|-------|-------|-----|----|----|----|------|------|-------|------|-------|-----|----|----|
| 1 | 25 | 11.1 | 9.7 | 14.3 | 12.9 | 80 | 8 | 8 | 22 | 40 | 11.7 | 9.7 | 11.7 | 9.7 | 250 | 15 | 15 |
| 2 | 25 | 7.9 | 6.5 | 11.1 | 9.7 | 80 | 8 | 8 | 23 | 44 | 14.3 | 12.9 | 14.3 | 12.9 | 200 | 8 | 8 |
| 3 | 25 | 14.3 | 12.9 | 14.3 | 12.9 | 80 | 8 | 8 | 24 | 45 | 14.2 | 12.2 | 14.2 | 12.2 | 260 | 15 | 15 |
| 4 | 25 | 7.9 | 6.5 | 11.1 | 9.7 | 130 | 8 | 8 | 25 | 45 | 11.7 | 9.7 | 11.7 | 9.7 | 260 | 15 | 15 |
| 5 | 25 | 9.6 | 8.2 | 11.1 | 9.7 | 160 | 8 | 8 | 26 | 45 | 14.2 | 12.2 | 14.2 | 12.2 | 280 | 15 | 15 |
| 6 | 25 | 11.1 | 9.7 | 11.1 | 9.7 | 80 | 10 | 10 | 27 | 45 | 13.3 | 9.7 | 16.5 | 12.9 | 170 | 4 | 4 |
| 7 | 25.4 | 11.1 | 9.7 | 11.1 | 9.7 | 150 | 10 | 10 | 28 | 45 | 15.3 | 12.9 | 15.3 | 12.9 | 210 | 8 | 8 |
| 8 | 25.4 | 14.3 | 12.9 | 14.3 | 12.9 | 150 | 10 | 10 | 29 | 45 | 12.1 | 9.7 | 12.1 | 9.7 | 210 | 8 | 8 |
| 9 | 25.4 | 9.5 | 8.1 | 9.5 | 8.1 | 150 | 8 | 8 | 30 | 45 | 14.9 | 12.9 | 14.9 | 12.9 | 170 | 12 | 12 |
| 10 | 30 | 11.7 | 9.7 | 11.7 | 9.7 | 100 | 12 | 12 | 31 | 48 | 14.2 | 12.2 | 12 | 10 | 120 | 15 | 15 |
| 11 | 30 | 11.5 | 9.7 | 11.5 | 9.7 | 102 | 10 | 10 | 32 | 50 | 24.6 | 22.2 | 21.6 | 19.2 | 120 | 15 | 15 |
| 12 | 30 | 10.2 | 8.2 | 10.2 | 8.2 | 100 | 9 | 9 | 33 | 50 | 14.1 | 12.1 | 14.1 | 12.1 | 200 | 14 | 14 |
| 13 | 30 | 10.2 | 8.2 | 10.2 | 8.2 | 130 | 10 | 10 | 34 | 50 | 11.7 | 9.7 | 14.6 | 12.9 | 160 | 10 | 10 |
| 14 | 30 | 14.2 | 12.2 | 11.8 | 9.8 | 100 | 10 | 10 | 35 | 50.8 | 22.1 | 19.25 | 22.1 | 19.25 | 150 | 15 | 15 |
| 15 | 31.75 | 14.3 | 12.9 | 14.3 | 12.9 | 150 | 12 | 12 | 36 | 50.8 | 15.2 | 12.8 | 13.2 | 10.7 | 240 | 10 | 10 |
| 16 | 35 | 14.85 | 12.85 | 14.85 | 12.85 | 205 | 10 | 10 | 37 | 50.8 | 12.1 | 9.7 | 12.1 | 9.7 | 200 | 10 | 10 |
| 17 | 35 | 11.7 | 9.7 | 11.7 | 9.7 | 160 | 8 | 8 | 38 | 50.8 | 12.2 | 9.8 | 12.2 | 9.8 | 290 | 10 | 10 |
| 18 | 35 | 10.1 | 8.1 | 10.1 | 8.1 | 164 | 7 | 7 | 39 | 50.8 | 15.2 | 12.8 | 15.2 | 12.8 | 200 | 10 | 10 |
| 19 | 35 | 13.7 | 12.2 | 13.7 | 12.2 | 190 | 10 | 10 | 40 | 57.2 | 22.1 | 19.25 | 22.1 | 19.25 | 150 | 15 | 15 |
| 20 | 40 | 11.7 | 9.7 | 11.7 | 9.7 | 200 | 15 | 15 | 41 | 65 | 15.2 | 12.8 | 13.2 | 10.7 | 240 | 10 | 10 |
| 21 | 40 | 11.7 | 9.7 | 11.7 | 9.7 | 170 | 15 | 15 | 42 | 48 | 12.1 | 9.7 | 12.1 | 9.7 | 200 | 10 | 10 |

We can meet specific requirement from the customers.

产品说明：以上是我公司现有产品规格，特殊规格可按客户要求设计生产。



CNAU REFRIGERATION PRESSURE GAUGES 中澳制冷压力表



另外还有其它更多的表系列可供选购
We also have other more serial gauges for your request

CNAU HAND VALVE 中澳手阀



手阀HAND VALVE
螺口FLARE TYPE

CA-T-04-1/4"
CA-T-06-3/8"
CA-T-08-1/2"
CA-T-12-3/4"
CA-T-10-5/8"



手阀HAND VALVE
焊接式SOLDER TYPE

CA-T-04S-1/4"
CA-T-06S-3/8"
CA-T-08S-1/2"
CA-T-10S-5/8"
CA-T-12S-3/4"
CA-T-14S-7/8"



CNAU BRASS FITTINGS

中澳黄铜配件



承插异径直接
FITTING REDUCER

Φ12.7x9.52 to
Φ76x54



承口直接
STRAIGHT COUPLING

Φ6 to
Φ80



45° 承口弯头
STRAIGHT COUPLING

Φ9.52 to
Φ85



45° 承口大弯头
STRAIGHT COUPLING

Φ9.52 to
Φ85



90° 承口弯头
ELBOW

Φ6 to
Φ80



90° 承口大弯头
ELBOW

Φ6 to
Φ80



90° 承插弯头
ELBOW

Φ10x10 to
Φ108x108



180° 插口弯头
ELBOW

Φ8 to
Φ35



180° 插口弯头
ELBOW

Φ8 to
Φ35



承口三通
TEE

Φ6 to
Φ108



异径三通
REDUCING TEE

Φ22x16 to
Φ76x67



鸡爪三通
SPECIAL TEE

Φ6.35 to
Φ22



Y型承插三通
SPECIAL TEE

Φ6.35x6.35 to
Φ22x22



裤三通
DISTRIBUTE CONNECTOR

Φ7x7 to
Φ38x38



承口过桥弯
FULL CROSS OVER

Φ13 to
Φ22



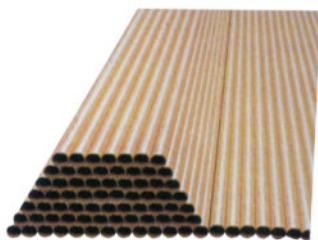
同径四通
CROSS

Φ15 to
Φ67



同径四通
CROSS

Φ16x12 to
Φ67x54



“世霸龙”保温管



NON-DRIP INSULATION TAPE

“阿姆”胶带
黑胶带/锡纸/扎带/保温棉





PRESSURE CONTROLS KP SERIES



Pressure controls are pressure-activated switches, with a basic function to make or break an electrical circuit which in turn controls a solenoid coil, a contactor or some other functioning part of the system. The set point at which a control closes a contact and makes a circuit is called the cut-in point. The point at which the control opens the switch and breaks the circuit is called the cut-out point. The difference between the cut-in and cut-out point is known as the differential.

丹佛斯KP型压力控制器

Kp型压力控制器用于制冷和空气调节系统中，避免过低的吸气压力和过高的排气压力。Kp型压力控制器也可用于制冷压缩机和带风冷冷凝器风扇的启动和停止。KP型压力控制器带有单刀双掷(SPDT)转换开关，动作点根据压力控制器的设定值和接口处的压力确定。KP型压力控制器可配置防护等级为IP30和IP44的外壳。

| Pressure 压力 | Type 型号 | Low pressure 低压 (LP) | | High pressure 高压 | | Reset 复位 | | | Code No. 产品代码 | | |
|------------------|---------|--------------------------|--------------------------------------|--------------------------|-------------------------|------------------|------------------|------------------------|---------------------------|--------------------------|-----------------------|
| | | Range bar 调节范围 bar | Differential 差压 ΔP bar | Range bar 调节范围 bar | 差压 ΔP bar | 低压 LP | 高压 HP | | 1/4in. 6mm Flare喇叭口 | 1/4in. 外径 Solder焊接 | 6mm 外径 Solder焊接 |
| 用于氟化物制冷剂 | | | | | | | | | | | |
| Low pressure 低压 | KP1 | -0.2→7.5 | 0.7→4.0 | | | 自动 | | 单刀双掷 | 060-1101 | 060-1112 | 060-1110 |
| 低压 | KP1 | -0.2→7.5 | 0.7→4.0 | | | 自动 | | | 060-1141 ¹⁾ | | |
| 低压 | KP1 | -0.2→7.0 | 固定0.7 | | | 手动 | | | 060-1103 | 060-1111 | 060-1109 |
| 低压 | KP2 | -0.2→5.0 | 0.4→1.5 | | | 自动 | | | 060-1120 | | 060-1123 |
| High pressure 高压 | KP5 | | | 8→32 | 1.8→6.0 | | 自动 | | 060-1171 | 060-1179 | 060-1177 |
| 高压 | KP5 | | | 8→32 | 固定3 | | 手动 | | 060-1173 | 060-1180 | 060-1178 |
| 高压 | KP6 | | | 8→42 | 4→10 | 自动 | | | 060-5190 | | |
| 高压 | KP6 | | | 8→42 | 固定4 | 手动 | | | 060-5191 | | |
| Dual pressure 双压 | KP15 | -0.2→7.5 | 0.7→4.0 | 8→32 | 固定4 | 自动 | 自动 | | 060-1241 | 060-1254 | |
| 双压 | KP15 | -0.2→7.5 | 0.7→4.0 | 8→32 | 固定4 | 自动 | 手动 | | 060-1243 | | |
| 双压 | KP15 | -0.2→7.5 | 0.7→4.0 | 8→32 | 固定4 | 自动 | 手动 | 060-1148 ¹⁾ | | | |
| 双压 | KP15 | -0.9→7.0 | 固定0.7 | 8→32 | 固定4 | 手动 | 手动 | 060-1245 | | | |
| 双压 | KP15 | -0.9→7.0 | 固定0.7 | 8→32 | 固定4 | 可变 ²⁾ | 可变 ²⁾ | 060-1261 | | | |
| 双压 | KP15 | -0.2→7.5 | 0.7→4.0 | 8→32 | 固定4 | 自动 | 自动 | 060-1265 | 060-1299 | | |
| 双压 | KP15 | -0.2→7.5 | 0.7→4.0 | 8→32 | 固定4 | 自动 | 手动 | 060-1264 | 060-1284 | | |
| 双压 | KP15 | -0.2→7.5 | 0.7→4.0 | 8→32 | 固定4 | 可变 ²⁾ | 可变 ²⁾ | 060-1154 | 060-0010 | | |
| 双压 | KP15 | -0.9→7.0 | 固定0.7 | 8→32 | 固定4 | 可变 ²⁾ | 可变 ²⁾ | 060-1220 | | | |

- 1) 感温包必须始终放置在比温控器主体和毛细管温度低的地方，这样，温度控制器的工作将不受环境温度的影响。
- 2) 感温包可以置于比温控器主体和毛细管温度低或高的地方，但是，超过20℃的环境温度变化将影响控制器的精度。
- 3) 带有手动开关，没有隔离开关。
- 4) 带有顶板的面板安装型。



OIL FAILURE CONTROLS MP SERIES

丹佛斯MP型油压差控制器



MP54和MP55型油压差控制器是安全开关，用来防止制冷压缩机润滑油压力过低。如果油压力下降到设定值以下，在一定的时间间隔后，油压差控制器动作，使压缩机停机。MP54和MP55适用于采用氟化物制冷剂的制冷系统。MP55A适用于R717 (NH₃) 为制冷剂的制冷系统。MP55A也能用于使用氟化物制冷剂的制冷系统。MP55为固定压差设定型，带有一个固定释放时间设置的时间延时继电器。MP55和MP55A为可调节压差型，而且提供时间继电器和不带时间继电器两种类型。

用于氟化物制冷剂

| Type型号 | Differential 压差 ΔP bar | 开关压差 max. ΔP bar | 操作范围 低压侧 bar | 时间继电器 释放时间 s | 触点负荷 | Code No.产品代码 | | |
|--------|---------------------------|------------------------|--------------------|--------------------|------|------------------------|--------------|--|
| | | | | | | Connection 连接 | | |
| | | | | | | 1/4 喇叭 | in./6mm 口 | 1m毛细管 1/4 in. 外径焊接 切 断 环 6mm |
| MP54 | 固定0.65 | 0.2 | -1→+12 | 0 ²⁾ | B | 060B0297 | | |
| | 固定0.65 | 0.2 | -1→+12 | 45 | A | 060B0166 | | |
| | 固定0.9 | 0.2 | -1→+12 | 60 | A | 060B0167 | | |
| | 固定0.65 | 0.2 | -1→+12 | 90 | A | 060B0168 | | |
| | 固定0.65 | 0.2 | -1→+12 | 120 | A | 060B0169 ³⁾ | | |
| MP55 | 0.3→4.5 | 0.2 | -1→+12 | 45 | A | 060B0170 | 060B0133 | |
| | 0.3→4.5 | 0.2 | -1→+12 | 60 | A | 060B0171 ¹⁾ | 060B0134 | 060B0188 |
| | 0.3→4.5 | 0.2 | -1→+12 | 60 | A | 060B0178 ¹⁾ | | |
| | 0.3→4.5 | 0.2 | -1→+12 | 90 | A | 060B0172 | | |
| | 0.3→4.5 | 0.2 | -1→+12 | 120 | A | 060B0173 | 060B0136 | |
| | 0.3→4.5 | 0.2 | -1→+12 | 0 ²⁾ | B | 060B0299 | | 060B0295 |
| | 0.65→4.5 | 0.4 | -1→+12 | 0 ²⁾ | C | 060B0294 ⁴⁾ | | |

用于氟化物制冷剂和 R717 (NH₃)

| Type型号 | Differential 压差 ΔP bar | 开关压差 max. ΔP bar | 操作范围 低压侧 bar | 时间继电器 释放时间 s | 触点负荷 | Code No.产品代码 | |
|--------|---------------------------|------------------------|--------------------|--------------------|------|------------------------|--------------|
| | | | | | | Connection 连接 | |
| | | | | | | Ø6.5 Ø10mm 焊接头 | 切 断 环 6mm |
| MP 55A | 0.3→4.5 | 0.2 | -1→+12 | 45 | A | 060B0174 | 060B1082 |
| | 0.3→4.5 | 0.2 | -1→+12 | 60 | A | 060B0175 | 060B0183 |
| | 0.3→4.5 | 0.2 | -1→+12 | 60 | A | 060B0179 ¹⁾ | |
| | 0.3→4.5 | 0.2 | -1→+12 | 90 | A | 060B0176 | 060B0184 |
| | 0.3→4.5 | 0.2 | -1→+12 | 120 | A | 060B0177 | 060B0185 |
| | 0.3→4.5 | 0.2 | -1→+12 | 0 ²⁾ | B | 060B0298 ²⁾ | 060B0296 |

- 1) 在正常工作过程中工作指示灯保持接通状态；注意：如果工作指示灯熄灭，压缩机运行时间不会超过时间继电器的延时时间；
- 2) 该型号不带时间继电器，主要用于在需要使用一个外部时间继电器的情况下且与所提供的时间继电器参数不同；
- 3) 060B0169满足Coperland的性能要求，可提供UL认证；
- 4) 按照EN60947-4/5认证



CNAU PRESSURE CONTROLS



Pressure controls are pressure-activated switches, with a basic function to make or break an electrical circuit which in turn controls a solenoid coil, a contactor or some other functioning part of the system. The set point at which a control closes a contact and makes a circuit is called the cut-in point. The point at which the control opens the switch and breaks the circuit is called the cut-out point. The difference between the cut-in and cut-out point is known as the differential.

中澳压力控制器

| Type型号 | Pressure压力 | Range bar 压力范围(bar) | | Differential压差(bar) | | 出厂设定(bar) | | 最大气密试验压力 (bar) |
|-----------|------------|---------------------|-----|---------------------|-----|-----------|-------|-------------------|
| | | Min. | Max | Min. | Max | OFF | ON | |
| HLP503 | | -0.7 | 3 | 0.2 | 1.5 | 2 | 1 | 16.5 |
| HLP506 | | -0.7 | 6 | 0.6 | 4 | 3 | 2 | 16.5 |
| HLP506M | | -0.7 | 6 | 复位压差≤1 | | 3 | 手动复位 | 16.5 |
| HLP110 | | 1 | 10 | 1 | 3 | 6 | 5 | 16.5 |
| HLP516 | | 5 | 16 | 1 | 4 | 10 | 8 | 35 |
| HLP520 | | 5 | 24 | 2 | 5 | 16 | 13 | 35 |
| HLP530D | | 5 | 30 | 5 | 10 | 20 | 15 | 35 |
| HLP530D | | 8 | 30 | 固定3~5 | | 20 | 15~17 | 35 |
| HLP530M | | 8 | 30 | 复位压差≤4 | | 20 | 手动复位 | 35 |
| HLP830 | LOW低压 | -0.7 | 6 | 0.6 | 4 | 3 | 2 | 16.5 |
| | HIGH高压 | 8 | 30 | 固定3~5 | | 2 | 15 | 35 |
| HLP830HM | 低压 | -0.7 | 6 | 0.6 | 4 | 3 | 2 | 16.5 |
| | 高压 | 8 | 30 | 复位压差≤4 | | 20 | 手动复位 | 35 |
| HLP830HLM | 低压 | -0.7 | 6 | 复位压差≤1 | | 3 | 手动复位 | 16.5 |
| | 高压 | 8 | 30 | 复位压差≤4 | | 20 | 手动复位 | 35 |
| HLD2C | | 0.2 | 2 | | | 0.5 | | 最大工作压力12 |
| HLD4C | | 0.5 | 4 | | | 1 | | 最大工作压力12 |
| HLD4CH | | 0.5 | 4 | | | 1 | | 最大工作压力30 |
| HLD6CH | | 1 | 6 | | | 6 | | 最大工作压力30 |

单压力控制器说明:

1. 不仅可以用于氟利昂介质的制冷剂中,也可以用于空气和液体;(允许液体温度为: -10°C ~ 120°C)
2. 提供标准安装支架;
3. HLP型适合所有的应用;
4. 新颖的微动开关保证可靠的转换功能;
5. 采用“单刀双掷”触点连接机械结构。

Specifications

1. For use with fluorinated refrigerants as well as with air and liquid. (Allowable Fluid Temp.: -10°C ~ 120°C)
2. Mounting bracket supplied as standard.
3. Type HLP for universal application.
4. Novel micro-switch ensures reliable switching.
5. With SPDT contact mechanism.

压差控制器说明:

1. 控制器的压差为可调节的;
2. 适用于控制冷凝水的断水;
3. 适用于氟利昂为介质的制冷剂中,也可用于空气和液体;(允许液体温度为: -45°C ~ 110°C)
4. 新颖的微动开关保证可靠的转换功能;
5. 灵巧的安装板,适用于不同场合;
6. 由于控制器承受工作压力高;因此可用做螺杆制冷压缩机的油压保护装置;
7. 无延时装置压差控制器(冷却水);
8. 如果系统用于对磷青铜有腐蚀的介质,请在定货时向厂方提出,我们会推荐适用的型号。

Specifications

1. Differential pressure for pressure control is adjustable.
2. Suitable for the control of condensing water-cut.
3. For use with fluorinated refrigerants as well as with air and liquid. (Allowable Fluid Temp.: -45°C ~ 110°C)
4. Novel micro-switch ensures reliable switching.
5. Agile mounting bracket is suitable for different occasions.
6. Being loaded with high pressure, the pressure control can be used as oil pressure protector of screw compressor units.
7. Differential pressure control without time delay device.
8. Please make it clear to the manufacturer when the order is placed if the system adopts the media corrosive to phosphor and bronze, suitable models will be recommended for that system.



CNAU PRESSURE CONTROLS

中澳压力控制器



SKPS 系列压力开关

SKPS系列压力开关一种较先进的微型压力开关。它是一种随被控介质的压力升降而使控制电路闭合或断开的电开关。广泛用于各类空调、制冷机组、以及其它需要自行调节介质压力，保护压力系统的工业设备中。

主要技术参数：

压力切换值：0.15MPa—3.45MPa

适用环境温度：-35℃—120℃

电气额定值：120/240Vac, 375VA

36Vac/dc,3A

120Vac, 5.8FLA-34.8LRA

240Vac,2.9FLA-15LRA

耐久性：开关100000次

耐压强度：触点与触点 750Vrms

触点与外壳 1500Vrms

SKPS serials pressure switches

The SKPS serials pressure switches are a kind of advanced subminiature pressure switches, making the control circuit closed or not according to the pressure variation of the controlled medium, which are widely used by all kinds of air conditions, refrigeration set and other industrial apparatus that need to adjust the pressure of the controlled medium to protect the pressure system automatically.

Key technical parameter:

pressure switch over value: 0.15MPa—3.45MPa

adaptable condition temperature : -35℃—120℃

electric rated value : 120/240Vac, 375VA 36Vac/dc,3A 120Vac, 5.8FLA-34.8LRA 240Vac, 2.9FLA-15LRA

endurance : 100000 times

compression resistance: (触点与触点) contact to contact 750Vrms

(触点与外壳) contact to crust 1500Vrms

SKPS (M) 手动复位开关

SKPS (M) 手动复位开关工作原理与SKPS略有不同，当被控介质压力降低时，开关不能自动复位，电路始终保持转换后的状态，只有当用手按压复位按钮后，电路才恢复原始状态。



主要技术参数：

压力切换值：0.15Mpa--3.45Mpa

适用环境温度：-35℃--120℃

电器额定值：120/240Vac, 375VA;

28Vac, 2A

120Vac, 5.8FLA--34.8LRA;

240Vac, 2.9FLA--15LRA;

耐久性：1, 0000次

耐压强度：触点与触点：750Vrms

触点与外壳：750Vrms

SKPS (M) serials manual reset switches

There is nuance between the principle of SKPS (M) serials manual reset switches and the principle of SKPS serials pressure switches. When the pressure of controlled medium depresses, this serials switches cannot reset automatically and keeps the changed state all the time. As long as the reset button is pressed, the SKPS (M) serials manual reset switches will be original state.

Key technical parameter:

pressure switch over value: 0.15Mpa--3.45Mpa

adaptable condition temperature : -35℃--120℃

electric rated value : 120/240Vac, 375VA; 28Vac, 2A 120Vac, 5.8FLA--34.8LRA; 240Vac, 2.9FLA--15LRA;

endurance : 10,000 times

compression resistance: (触点与触点) contact to contact 750Vrms

(触点与外壳) contact to crust 750Vrms



CNAU FLOW SWITCH

中澳流量开关



CNAU Liquid switches are Single-Pole-Double-Throw (SPDT) flow switches that are used in liquid lines carrying water, ethylene glycol, or other liquid not classified as hazardous. They can be wired to energize one device or powered from the same source when liquid flow either exceeds or drops below the set flow rate.

Liquid temperature range: 0°C–120°C; Max. Working Pressure: 13.5 Bar

NOTE: The CNAU FLOW SWITCH can not be used where the liquid in the pipes will drop below the liquid's freezing point, causing an internal freeze-up.

CNAU 液体流量开关是单刀双掷流量开关，它用在输送水、乙二醇或其它未划分为危险液体管线上。当液体流量超出或低于设定的流量时他们既可以给一个设备供电，也可以给同一电源供电的设备断电。
 使用流体温度范围：0°C–120°C；最大工作压力：13.5 Bar

注意：CNAU 液体流量开关不可使用在液体温度将降至液体冰点以下的管线中，这样会造成内部冻结。

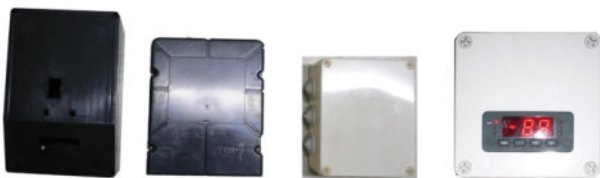
| Product 产品 | CNAU FLOW SWITCH 中澳流量开关 | | | |
|--------------------------------------|---|--------|--------|--------|
| Maximum Liquid Pressure 最大液体压力 | 150psig (1034kpa) | | | |
| Minimum Liquid Temperature 最低液体温度 | 32°F (0cc) | | | |
| Maximum Liquid Temperature 最高液体温度 | 250°F (121°C) | | | |
| Electrical Ratings 电气负荷值 | 120VAC | 208VAC | 240VAC | 277VAC |
| Power 马力 | 1 | 1 | 1 | |
| Full Load Current 满载电流 | 16 | 8.8 | 8.8 | |
| Locked Rotor Current 瞬时电流 | 96 | 52.8 | 48 | |
| Non-inductive Current 非诱导电流 | 16 | 16 | 16 | |
| Pilot Duty 指示灯功率 | 125VA at 24/277VAC | | | |
| Wiring Connection 配线连接 | Screw Type Terminals 螺丝型接线端 | | | |
| Pipe Connector 管道接头 | 1", 1 1/2" NPT Threads 1", 1 1/2" NPT 螺纹接头 | | | |

Conduit Connector One 7/8 in. (22mm) Hole for 1/2 in. Conduit with 1-3/32 in. (28mm) knockout Ring for 3/4 in. Conduit.

导线管连接：1个7/8" (22mm) 的孔，用于1/2"导线管以及为3/4"导线管所用的1-3/32" (28mm) 分离环。

CNAU box/capacitors/transformer

中澳接线盒/电容器/交流接触器



BOX 接线盒



Panasonic capacitors
松下电容器



TRANSFORMER
松川交流接触器



Shangfang Temperature Controller

尚方电子温度控制器



SF-100H

功能特点：
电源：230VAC 50/60Hz
温度显示
显示范围：-45~120℃
精度：±1℃
外观尺寸：77mm（长）×35mm（宽）×30mm（深）
开孔尺寸：71mm（长）×29mm（宽）

Power supply: 230VAC 50/60Hz
Temperature display
Range: -45~120℃
Accuracy: ±1℃
Temperature sensor: NTC
Dimension: 77 (Length) × 35 (Width) × 30 (Depth) mm
Mounting hole dimension: 71 (Length) × 29 (Width)



SF-101S

功能特点：
温度显示、温度控制, 设定记忆定、自诊断
按键操作恢复出厂值。压缩机继电器: 30A/1HP, 适用于直冷和风冷柜控制。

技术数据:
温度显示范围: -45~99℃
控制温度范围: -45~45℃
精度: ±1℃
感温探头: 一条, 2米长
压缩机控制: 常开 30A/250VAC
外观尺寸: 77mm（长）×35mm（宽）×30mm（深）
开孔尺寸: 71mm（长）×29mm（宽）

Features : Temperature Display / Temperature Control
Automatic defrost by turning off
Value Storing / Self Testing
Technical Data: Range of temperature displayed: -45~99℃
Range of set temperature: -45~45℃
Accuracy: ±1℃
Compressor relay: N.O. 30A/250VAC
Dimension: 77 (Length) × 35 (Width) × 30 (Depth) mm
Mounting hole dimension: 71 (Length) × 29 (Width)



SF-101 (10A)

功能特点：
适用于直冷和风冷柜控制, 内置变压器
温度控制/照明控制
设定记忆/延时启动

技术数据:
感温探头: NTC, 一条
温度显示范围: -45~100℃
控制温度范围: -45~45℃
精度: ±1℃
外观尺寸: 77mm（长）×35mm（宽）×60mm（深）
开孔尺寸: 71mm（长）×29mm（宽）
压缩机控制: 常开 10A/250VAC
照明控制: 常开 6A/250VAC

Features : Temperature Display
Temperature Control
Light Control
Value Storing
Parameter Locking
Self Testing
Technical Data : Range of temperature displayed: -45℃~100℃
Range of set temperature: -45℃~45℃
Accuracy: ±1℃
Compressor: N.O. 10A/250VAC
Light: N.O. 6A/250VAC
Dimension: 77 (Length) × 35 (Width) × 60 (Depth) mm
Mounting hole dimension: 71 (Length) × 29 (Width) mm



SF-102

功能特点：
温度显示/温度控制, 手动、自动停机化霜时间、温度终止化霜, 照明控制/启动延时, 按键操作恢复出厂值。特别适用于中高温风冷柜控制。

技术数据:
温度显示范围: -45~45℃
控制温度范围: -45~45℃
精度: ±1℃
感温探头: 两条, 2米长
压缩机控制: 常开 20A/250VAC
照明控制: 常开 5A/250VAC
外观尺寸: 77mm（长）×35mm（宽）×60mm（深）
开孔尺寸: 71mm（长）×29mm（宽）

Features: Temperature control
Light control
manual/automatic defrost by turning off
Time/temp. setting to end defrost
Re-start delay
Celsius/Fahrenheit degrees
Relay output : 1HP (compressor)
Technical Data : Range of temperature display: -45~45℃ (-40~120°F)
Range of set temperature: -45~45℃ (-40~120°F)
Accuracy: ±1℃ (±2°F)
Compressor: N.O. 20A/250VAC (one HP)
Light: N.O. 5A/250VAC
Dimension: 77 (Length) × 35 (Width) × 60 (Depth) mm
Mounting hole dimension: 71 (Length) × 29 (Width) mm



Shangfang Temperature Controller

尚方电子温度控制器



SF-102B

功能特点:

温度显示/温度控制:华、摄氏转换,手动、自动
停机化霜,设定记忆/参数锁定,自诊断。

技术数据:

温度显示范围: $-45\sim 66^{\circ}\text{C}$ ($-45\sim 150^{\circ}\text{F}$)
控制温度范围: $-45\sim 45^{\circ}\text{C}$ ($-45\sim 120^{\circ}\text{F}$)
精度: $\pm 1^{\circ}\text{C}$ ($\pm 2^{\circ}\text{F}$)
感温探头: 一条, 2米长
压缩机控制: 常开 30A/250VAC
外观尺寸: 77mm (长) \times 35mm (宽) \times 70mm (深)
开孔尺寸: 71mm (长) \times 29mm (宽)

Features: Temperature Display ($^{\circ}\text{C}/^{\circ}\text{F}$ switchable)
Temperature Control
Manual, automatic defrost by turning off compressor
Value Storing / Self Testing
Parameter Locking
Technical Data : Range of temperature display: $-45\sim 66^{\circ}\text{C}$ ($-45\sim 150^{\circ}\text{F}$)
Range of set temperature: $-45\sim 45^{\circ}\text{C}$ ($-45\sim 120^{\circ}\text{F}$)
Accuracy: $\pm 1^{\circ}\text{C}$ ($\pm 2^{\circ}\text{F}$)
Compressor: N.O. 30A/250VAC
Dimension: 77 (Length) \times 35 (Width) \times 70 (Depth) mm
Mounting hole dimension: 71 (Length) \times 29 (Width) mm
Parameters



SF-104S

功能特点:

密封防水/继电器外置,符合UL认证标准
适用于风冷低温控制,双传感器/温度控制
手动、自动电加热化霜,蒸发器风扇控制
时间、温度终止化霜
延时启动/参数锁定功能

技术数据:

温度显示范围: $-45\sim 45^{\circ}\text{C}$
控制温度范围: $-45\sim 45^{\circ}\text{C}$
精度: $\pm 1^{\circ}\text{C}$
感温探头: 两条, 2米长
压缩机: 常开 30A/250VAC
化霜发热丝: 常开 30A/250VAC
蒸发器风扇: 常开 30A/250VAC
外观尺寸: 77mm (长) \times 35mm (宽) \times 30mm (深)
开孔尺寸: 71mm (长) \times 29mm (宽)

Features: Temperature control
Evaporator fan control
Automatic/manual defrost by electric heater
Time/temp. setting to end defrost
Celsius/Fahrenheit degrees
Re-start delay
Technical Data : Range of temperature displayed :
 $-45\sim 45^{\circ}\text{C}$ ($-40\sim 120^{\circ}\text{F}$)
Range of set temperature: $-45\sim 45^{\circ}\text{C}$ ($-40\sim 120^{\circ}\text{F}$)
Accuracy: $\pm 1^{\circ}\text{C}$ ($\pm 2^{\circ}\text{F}$)
Compressor: N.O. 30A/250VAC
Defrost: N.O. 30A/250VAC
Evap. Fan: N.O. 30A/250VAC
Dimension: 77 (Length) \times 35 (Width) \times 30 (Depth) mm
Mounting hole dimension: 71 (Length) \times 29 (Width) mm



SF-104

功能特点:

温度控制、蒸发器风扇控制
化霜发热丝控制,自动/手动电加热化霜
时间/温度终止化霜,压缩机延时启动
压缩机继电器: 20A/1HP
参数锁定、自诊断,按键操作恢复出厂值
适用于风冷低温冷柜、冷库

技术数据:

温度显示范围: $-45\sim 45^{\circ}\text{C}$
控制温度范围: $-45\sim 45^{\circ}\text{C}$
精度: $\pm 1^{\circ}\text{C}$
感温探头: 两条, 2米长
压缩机: 常开 20A/250VAC
化霜发热丝: 常开 10A/250VAC
蒸发器风扇: 常开 5A/250VAC
外观尺寸: 77mm (长) \times 35mm (宽) \times 60mm (深)
开孔尺寸: 71mm (长) \times 29mm (宽)

Features: Temperature control
Evaporator fan control
Automatic/manual defrost by electric heater
Time/temp. setting to end defrost
Re-start delay
Technical Data: Range of temperature displayed :
 $-45\sim 45^{\circ}\text{C}$ ($-40\sim 120^{\circ}\text{F}$)
Range of set temperature: $-45\sim 45^{\circ}\text{C}$ ($-40\sim 120^{\circ}\text{F}$)
Accuracy: $\pm 1^{\circ}\text{C}$ ($\pm 2^{\circ}\text{F}$)
Compressor: N.O. 20A/250VAC (one HP)
Defrost: N.O. 10A/250VAC
Evap. Fan: N.O. 5A/250VAC
Dimension: 77 (Length) \times 35 (Width) \times 60 (Depth) mm
Mounting hole dimension: 71 (Length) \times 29 (Width) mm



SF-800

功能特点:

温度控制/自动控温,延时保护功能
参数设定及记忆,故障自诊断
适用于海鲜机/鱼池工程/冷水机及冷藏/冷冻工程

技术数据:

温度显示范围: $-45^{\circ}\text{C}\sim +99^{\circ}\text{C}$
温度控制范围: $-45^{\circ}\text{C}\sim +99^{\circ}\text{C}$
精度: $\pm 1^{\circ}\text{C}$
感温探头: 一条, 2米长
压缩机: 常开 10A/250VAC
外观尺寸: 77mm (长) \times 35mm (宽) \times 60mm (深)
开孔尺寸: 71mm (长) \times 29mm (宽)

Features: Temperature Display
Temperature Control
Value Storing
Self Testing
Parameter Locking
Technical Data: Range of temperature displayed: $-45^{\circ}\text{C}\sim 99^{\circ}\text{C}$
Range of set temperature: $-45^{\circ}\text{C}\sim 99^{\circ}\text{C}$
Accuracy: $\pm 1^{\circ}\text{C}$
Compressor: N.O. 10A/250VAC (one HP)
Dimension: 77 (Length) \times 35 (Width) \times 60 (Depth) mm
Mounting hole dimension: 71 (Length) \times 29 (Width) mm



Shangfang Temperature Controller

尚方电子温度控制器



SF-105

功能特点:
 适用于风冷低温冷柜、冷库
 双传感器/温度控制 (1HP压缩机)
 电热、热气化霜
 蒸发器风扇控制/时间、温度终止化霜
 高、低温度超限报警/报警延时
 手动锁定参数功能/延时启动
技术数据:
 温度显示范围: $-45\sim 45^{\circ}\text{C}$
 控制温度范围: $-45\sim 45^{\circ}\text{C}$
 精度: $\pm 1^{\circ}\text{C}$
 感温探头: 两条 (库温、化霜控制), 2米长
 压缩机: 常开 20A/250VAC
 化霜发热丝: 常开 10A/250VAC
 蒸发器风扇: 常开 5A/250VAC
 外观尺寸: 77mm (长) \times 35mm (宽) \times 60mm (深)
 开孔尺寸: 71mm (长) \times 29mm (宽)

Features: Temperature control
 Evaporator fan control
 Automatic/manual defrost by electric heater or hot gas
 High, Low temperature alarm
 Time/temp. setting to end defrost
 Re-start delay
 Celsius/Fahrenheit degrees
Technical Data: Range of temperature displayed :
 $-45\sim 45^{\circ}\text{C}$ ($-40\sim 120^{\circ}\text{F}$)
 Range of set temperature: $-45\sim 45^{\circ}\text{C}$ ($-40\sim 120^{\circ}\text{F}$)
 Accuracy: $\pm 1^{\circ}\text{C}$ ($\pm 2^{\circ}\text{F}$)
 Compressor: N.O. 20A/250VAC
 Defrost: N.O. 10A/250VAC
 Evap. Fan: N.O. 5A/250VAC
 Dimension: 77 (Length) \times 35 (Width) \times 60 (Depth) mm
 Mounting hole dimension: 71 (Length) \times 29 (Width) mm



SF-108

功能特点:
 温度显示 / 温度控制, 手动、自动化霜
 蒸发器风扇控制, 电热、热气化霜
 时间、温度终止化霜
 高、低报警 / 冷凝器高温报警
 设定记忆 / 自诊断
技术数据:
 温度显示范围: $-45\sim 150^{\circ}\text{C}$ ($-45\sim 302^{\circ}\text{F}$)
 控制温度范围: $-45\sim 100^{\circ}\text{C}$ ($-45\sim 212^{\circ}\text{F}$)
 精度: $\pm 1^{\circ}\text{C}$ ($\pm 2^{\circ}\text{F}$)
 感温探头: 一条, 2米长
 压缩机: 常开 30A/250VAC
 化霜发热丝: 常开 10A/250VAC
 蒸发器风扇: 常开 5A/250VAC
 外观尺寸: 77mm (长) \times 35mm (宽) \times 70mm (深)
 开孔尺寸: 71mm (长) \times 29mm (宽)

Features: Temperature Control / Evap. Fan Control
 Manual, automatic defrost by electric heater / hot gas
 Time, temperature setting to end defrosting
 High, low temperature alarm
 Condenser high temperature alarm
 Value Storing / Self Testing
Technical Data: Range of temperature displayed :
 $-45\sim 150^{\circ}\text{C}$ ($-45\sim 302^{\circ}\text{F}$)
 Range of set temperature: $-45\sim 100^{\circ}\text{C}$ ($-45\sim 212^{\circ}\text{F}$)
 Accuracy: $\pm 1^{\circ}\text{C}$ ($\pm 2^{\circ}\text{F}$)
 Compressor: N.O. 30A/250VAC
 Defrost: N.O. 10A/250VAC
 Evap. Fan: N.O. 5A/250VAC
 Dimension: 77 (Length) \times 35 (Width) \times 70 (Depth) mm
 Mounting hole dimension: 71 (Length) \times 29 (Width) mm



Ed330

功能特点:
 适用于高精度简单控制, 制冷、加热模式转换
 精确到 0.1°C 控温, 参数锁定功能
 大功率继电器输出
技术数据:
 感温探头: NTC, 一条
 温度显示范围: $-45\sim 120^{\circ}\text{C}$ ($-49\sim 248^{\circ}\text{F}$)
 控制温度范围: $-45\sim 120^{\circ}\text{C}$ ($-49\sim 248^{\circ}\text{F}$)
 精度: $\pm 1^{\circ}\text{C}$ ($\pm 2^{\circ}\text{F}$)
 分辨率: 0.1°C ($-19.9\sim 99.9^{\circ}\text{C}$)
 外观尺寸: 77mm (长) \times 35mm (宽) \times 60mm (深)
 开孔尺寸: 71mm (长) \times 29mm (宽)
 控制输出: 16A/250VAC

Features: Temperature Control
 Refrigerating & heating modes selection
 Value Storing
 Self Testing
Technical Data: Range of temperature display:
 $-45\sim 120^{\circ}\text{C}$ ($-40\sim 248^{\circ}\text{F}$)
 Range of set temperature: $-45\sim 120^{\circ}\text{C}$ ($-41\sim 248^{\circ}\text{F}$)
 Accuracy: $\pm 1^{\circ}\text{C}$ ($\pm 2^{\circ}\text{F}$)
 Resolution: 0.1°C ($-19.9\sim 99.9^{\circ}\text{C}$)
 Relay output: N.O. 10A/250VAC
 Dimension: 77 (Length) \times 35 (Width) \times 60 (Depth) mm
 Mounting hole dimension: 71 (Length) \times 29 (Width) mm



MC-1

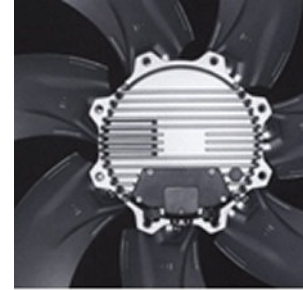
功能特点:
 温度显示、温度控制, 压缩机延时启动、自诊断
 压缩机继电器: 30A/1HP
 大面板, 适用于厨房冷柜
技术数据:
 温度显示范围: $-45\sim 45^{\circ}\text{C}$
 控制温度范围: $-45\sim 45^{\circ}\text{C}$
 精度: $\pm 1^{\circ}\text{C}$
 感温探头: 一条, 2米长
 压缩机控制: 常开 30A/250VAC
 外观尺寸: 190mm (长) \times 70mm (宽) \times 60mm (深)
 开孔尺寸: 171mm (长) \times 58mm (宽)

Features: Temperature control
 Re-start delay
 Relay output :1HP (compressor)
Technical Data: Range of temperature displayed: -45°C ~ 45°C
 Range of set temperature: -45°C ~ 45°C
 Accuracy: $\pm 1^{\circ}\text{C}$
 Compressor: N.O. 30A/250VAC
 Dimension: 190 (Length) \times 70 (Width) \times 60 (Depth) mm
 Mounting hole dimension: 171 (Length) \times 58 (Width) mm
 Relay output :1HP (compressor)

ebmpapst

AXIAL FANS

德国依必安轴流风机

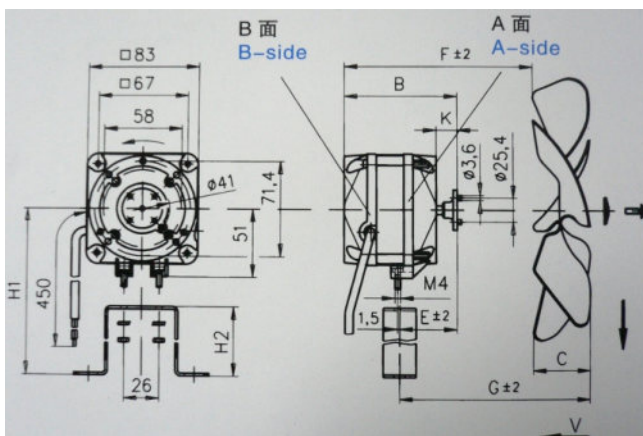


| Type型号 | Voltage 电压 V | Frequency 频率 Hz | Air flow 风量 m ³ /h | Speed/rpm 转速 min ⁻¹ | Power input 输入功率 W | Current draw 电流 A | Capacitor 电容 uF/VDB | Noise level 噪音 Dba | Permanb.temp 允许最高环境温度 °C | Mass 重量 kg |
|--------|--------------------|-----------------------|-------------------------------------|--------------------------------------|--------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|------------------|
| 4E 300 | 230 | 50 | 1885 | 1390 | 73 | 0.32 | 2/400 | 59 | 60 | 2.2 |
| | | 60 | 2145 | 1580 | 100 | 0.45 | 2/400 | 62 | 45 | |
| 4D 300 | 230/400 | 50 | 1850 | 1380 | 65 | 0.17 | ---- | 59 | 45 | 2.2 |
| | | 60 | 2145 | 1580 | 100 | 0.45 | ---- | 62 | 40 | |
| 4E 350 | 230 | 50 | 3110 | 1400 | 130 | 0.58 | 4/400 | 64 | 40 | 3.6 |
| | | 60 | 3540 | 1590 | 190 | 0.83 | 4/400 | 67 | 40 | |
| 4D 350 | 230/400 | 50 | 3140 | 1420 | 115 | 0.33 | ---- | 64 | 55 | 3.6 |
| | | 60 | 3630 | 1640 | 160 | 0.34 | ---- | 67 | 40 | |
| 6E 350 | 230 | 50 | 2120 | 945 | 65 | 0.31 | 2/450 | 54 | 70 | 3.6 |
| | | 60 | 2460 | 1100 | 85 | 0.37 | 2/450 | 58 | 55 | |
| 4E 400 | 230 | 50 | 4235 | 1430 | 160 | 0.73 | 6/400 | 69 | 40 | 4.2 |
| | | 60 | 4950 | 1700 | 240 | 1.06 | 6/400 | 73 | 40 | |
| 4D 400 | 230/400 | 50 | 4000 | 1450 | 135 | 0.44 | ---- | 68 | 40 | 4.2 |
| | | 60 | 4610 | 1690 | 185 | 0.39 | ---- | 72 | 40 | |
| 6E 400 | 230 | 50 | 3290 | 940 | 120 | 0.55 | 3/450 | 59 | 40 | 4 |
| | | 60 | 3780 | 1080 | 170 | 0.75 | 3/450 | 62 | 40 | |
| 4E 420 | 230 | 50 | 4830 | 1430 | 200 | 0.94 | 7/400 | 70 | 50 | 4.8 |
| | | 60 | 5630 | 1680 | 285 | 1.25 | 7/400 | 74 | 40 | |
| 4D 420 | 230/400 | 50 | 4890 | 1430 | 160 | 0.44 | ---- | 69 | 65 | 4.8 |
| | | 60 | 5635 | 1660 | 235 | 0.45 | ---- | 72 | 40 | |
| 6E 420 | 230 | 50 | 3940 | 940 | 145 | 0.67 | 4/450 | 60 | 50 | 4.4 |
| | | 60 | 4570 | 1090 | 205 | 0.9 | 4/450 | 63 | 45 | |
| 4E 450 | 230 | 50 | 5700 | 1400 | 245 | 1.1 | 8/400 | 73 | 40 | 5 |
| | | 60 | 6500 | 1600 | 355 | 1.55 | 8/400 | 76 | 40 | |
| 4D 450 | 230/400 | 50 | 5440 | 1380 | 200 | 0.48 | ---- | 72 | 45 | 5 |
| | | 60 | 6040 | 1540 | 285 | 0.53 | ---- | 75 | 45 | |
| 6E 450 | 230 | 50 | 4725 | 980 | 165 | 0.8 | 4/450 | 63 | 40 | 5 |
| | | 60 | 5450 | 1070 | 225 | 0.98 | 4/450 | 67 | 40 | |



SQUARE SHADED-POLE MOTOR
UL and CSA design

德国依必安方形罩极电机-UL和CSA认证设计



| 电机 Motor | | | | | | | 电机-风机-尺寸 Motor-fan-dimensions | | | | | | | | | | | | | |
|---|-----------------|--------------------|-------------------------|-------------------------|-------------------------|---------------------------------------|-------------------------------|-----|-----|----|----|-----|-----|-----|-----|----|-----|-----|---|--|
| Type 型号 | voltage 电压 V | frequency 频率 Hz | rated output 额定输出功率W | rated output 额定输入功率W | rated current 额定电流 A | rated speed 额定转速 min ⁻¹ | Dimensions (mm) | | | | | 22° | | | 28° | | | 34° | | |
| | | | | | | | H1 | H2 | B | E | K | F | G | F | G | F | G | F | G | |
| M4Q 045-BD01-01 (定子铁芯厚度/Stack length 13mm) | 230 | 50 60 | 5 5 | 29 26 | 0.19 0.17 | 1300 1550 | 90 | 39 | 76 | 42 | 15 | 61 | 56 | 56 | 59 | 54 | 62 | | | |
| M4Q 045-CA01-01 (定子铁芯厚度/Stack length 20mm) | 230 | 50 60 | 7 8 | 31 30 | 0.2 0.2 | 1300 1550 | 123 | 72 | 82 | 42 | 15 | 65 | 58 | 62 | 60 | 59 | 64 | | | |
| M4Q 045-CA03-51 (定子铁芯厚度/Stack length 20mm) | 230 | 50 60 | 10 9 | 36 34 | 0.25 0.22 | 1300 1550 | 123 | 72 | 82 | 42 | 15 | 70 | 62 | 60 | 65 | 52 | 68 | | | |
| M4Q 045-CF01-01 (定子铁芯厚度/Stack length 25mm) | 230 | 50 60 | 16 16 | 60 58 | 0.42 0.36 | 1300 1550 | 135 | 84 | 87 | 42 | 15 | | | | | | | | | |
| M4Q 045-DA01-01 (定子铁芯厚度/Stack length 30mm) | 230 | 50 60 | 18 18 | 70 62 | 0.48 0.42 | 1300 1550 | 135 | 84 | 93 | 54 | 15 | 76 | 74 | 72 | 78 | 67 | 80 | | | |
| M4Q 045-DA05-01 (定子铁芯厚度/Stack length 30mm) | 230 | 50 60 | 23 25 | 86 80 | 0.62 0.55 | 1300 1550 | 160 | 109 | 93 | 54 | 15 | 75 | 79 | 67 | 81 | | | | | |
| M4Q 045-EA01-01 (定子铁芯厚度/Stack length 40mm) | 230 | 50 60 | 25 26 | 90 80 | 0.62 0.55 | 1300 1550 | 160 | 109 | 103 | 59 | 16 | 86 | 84 | 77 | 86 | | | | | |
| M4Q 045-EF01-01 (定子铁芯厚度/Stack length 45mm) | 230 | 50 60 | 34 34 | 110 100 | 0.75 0.65 | 1300 1550 | 160 | 109 | 125 | 79 | 33 | 108 | 104 | 104 | 106 | 95 | 112 | | | |

规格为DA及其以上的电机,在A面或B面都可以安装支架
As of size DA, mounting on both A-and B-side possible via mounting brackets

YWF SERIES AXIAL FAN MOTORS

YWF系列外转子轴流风机

YWF 系列产品概述 Summarize of Products

1. YWF系列轴流风机为外转子电机, 该系列外转子电机具有结构紧凑, 安装方便, 运行可靠, 噪音低、节能高效等特点。

2. YWF系列轴流风机分为单相异步电容运转和三相异步运转两种. 广泛应用于冷凝器、蒸发器等制冷设备及通风循环领域。

3. YWF系列轴流风机的绝缘等级为B级, 防护等级为IP54. 电机内部均装有热保护器。

4. 电压: 单相电容运转电机为220V/50Hz, 三相电机为380V/50Hz. 我们可以按照客户要求生产不同电压、频率的电机。

5. 电机电源引线标准长度为1.5米, 同时还有接线盒形式可供客户选择。

6. 冷凝器型电机适用的环境温度为0°C~+60°C; 蒸发器型电机适用的环境温度为-30°C~0°C。

7. 电机平均使用寿命为30000小时以上。

8. 工厂所有电机通过欧洲CE认证和中国CCC认证。

1. YWF series axial fan motors are external rotor fan motors. These motors have characteristics of compact structure, convenient installation, energy conservation and high efficiency.

2. YWF series fan motors have two kinds, single phase asynchronous capacitor fan motor and three phases asynchronous fan motor. They are widely used in condenser, evaporator and other refrigeration equipment and ventilating cycle areas.

3. The insulation class of the YWF series axial fan motors is B, and the protection class of that is Ip54. All the motors have thermal protector in the winding.

4. Voltage: The voltage of the single phase motor is 220V/50Hz, and the voltage of the three phases motor is 380V/50Hz. We can also supply other fan motors with different voltages and frequencies according to clients' requirement.

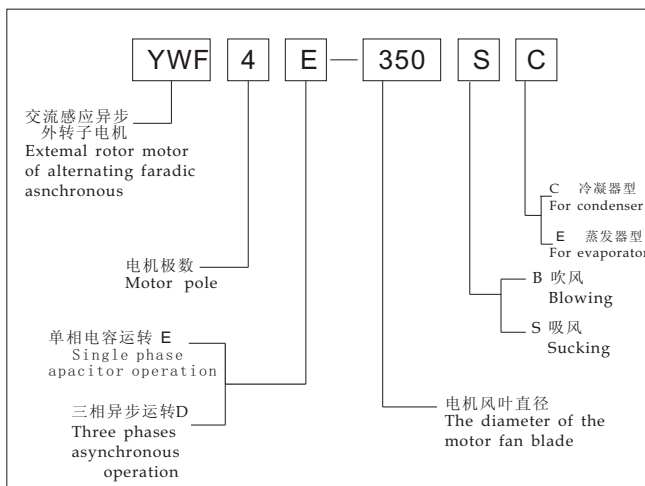
5. The standard length of the electrical wire on the fan is 1.5m, and we can also supply the fan motors with connection box for clients' choices.

6. The applicable ambient temperature of the fan motors used in condenser is from 0°C~+60°C. The applicable ambient temperature of the fan motors used in evaporator is -30°C~0°C.

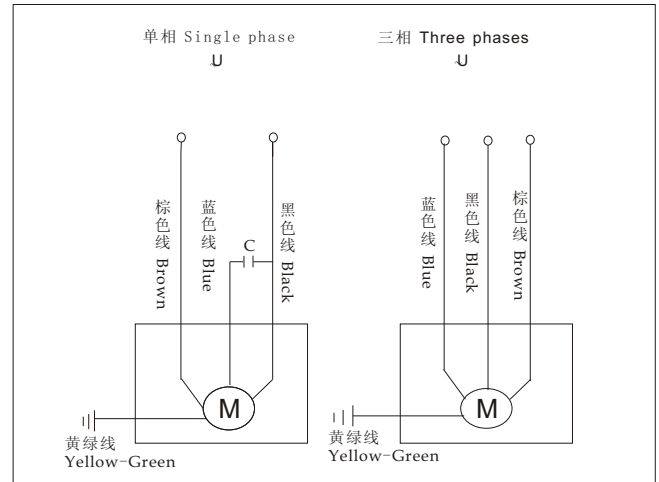
7. The average service life of motors is over 30000 hours.

8. All motors in factory have got CE approval in Europe and CCC safety certificate in China.

型号说明 Illustration of Model

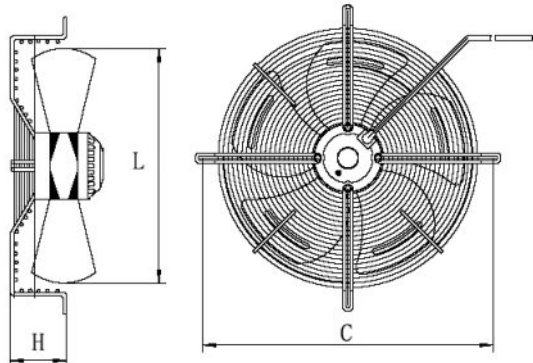


接线图 Wiring Diagram



YWF SERIES AXIAL FAN MOTORS

YWF系列外转子轴流风机



| Model型号 | Voltage 额定电压 V | Frequency 频率 Hz | Current 额定电流 A | Power input 输入功率 W | speed 额定转速 r/min | Air volume 额定风量 m ³ /h | Noise level 噪音 Dba | Capacitance 电容 uf | Approx weight 净重 kg | size 尺寸mm | | |
|-----------|----------------------|-----------------------|----------------------|--------------------------|------------------------|---|--------------------------|-------------------------|---------------------------|--------------|------|------|
| | | | | | | | | | | H | L | C |
| YWF2D-250 | 380 | 50 | 0.3 | 100 | 2650 | 1800 | 60 | - | 3 | Φ55 | Φ250 | Φ320 |
| YWF2E-250 | 220 | 50 | 0.55 | 100 | 2500 | 1800 | 60 | 3 | 3 | | | |
| YWF4D-250 | 380 | 50 | 0.2 | 70 | 1400 | 1460 | 55 | - | 3 | | | |
| YWF4E-250 | 220 | 50 | 0.3 | 70 | 1400 | 1460 | 55 | 3 | 3 | Φ80 | Φ300 | Φ360 |
| YWF2D-300 | 380 | 50 | 0.35 | 140 | 2550 | 2800 | 60 | - | 3.3 | | | |
| YWF2E-300 | 220 | 50 | 0.65 | 140 | 2530 | 2800 | 60 | 4 | 3.3 | | | |
| YWF4D-300 | 380 | 50 | 0.24 | 80 | 1380 | 1831 | 58 | - | 3.3 | Φ80 | Φ315 | Φ380 |
| YWF4E-300 | 220 | 50 | 0.4 | 80 | 1380 | 1743 | 58 | 3 | 3.3 | | | |
| YWF4D-330 | 380 | 50 | 0.3 | 100 | 1300 | 2550 | 62 | - | 4 | | | |
| YWF4E-330 | 220 | 50 | 0.5 | 100 | 1300 | 2550 | 62 | 4 | 4 | Φ90 | Φ350 | Φ422 |
| YWF4D-350 | 380 | 50 | 0.4 | 150 | 1380 | 3170 | 62 | - | 4.9 | | | |
| YWF4E-350 | 220 | 50 | 0.7 | 150 | 1380 | 2973 | 62 | 4 | 4.9 | | | |
| YWF6D-350 | 380 | 50 | 0.35 | 90 | 920 | 2100 | 56 | - | 4.9 | Φ90 | Φ400 | Φ470 |
| YWF6E-350 | 220 | 50 | 0.42 | 90 | 920 | 2000 | 56 | 3 | 4.9 | | | |
| YWF4D-400 | 380 | 50 | 0.5 | 180 | 1380 | 4500 | 68 | - | 5.6 | | | |
| YWF4E-400 | 220 | 50 | 0.8 | 180 | 1380 | 4400 | 68 | 6 | 5.6 | Φ90 | Φ450 | Φ522 |
| YWF6D-400 | 380 | 50 | 0.38 | 110 | 920 | 3200 | 58 | - | 5.6 | | | |
| YWF6E-400 | 220 | 50 | 0.5 | 110 | 920 | 3200 | 58 | 4 | 5.6 | | | |
| YWF4D-450 | 380 | 50 | 0.6 | 250 | 1360 | 5600 | 68 | - | 7.2 | Φ90 | Φ500 | Φ570 |
| YWF4E-450 | 220 | 50 | 1.2 | 250 | 1350 | 5507 | 68 | 8 | 7.2 | | | |
| YWF6D-450 | 380 | 50 | 0.4 | 150 | 920 | 4600 | 60 | - | 7.2 | | | |
| YWF6E-450 | 220 | 50 | 0.8 | 160 | 920 | 4600 | 60 | 6 | 7.2 | Φ90 | Φ600 | Φ679 |
| YWF4D-500 | 380 | 50 | 0.9 | 450 | 1300 | 6246 | 72 | - | 9.5 | | | |
| YWF4E-500 | 220 | 50 | 1.85 | 420 | 1300 | 6046 | 72 | 10 | 9.5 | | | |
| YWF6D-500 | 380 | 50 | 0.6 | 230 | 900 | 5800 | 68 | - | 9.5 | Φ100 | Φ630 | Φ740 |
| YWF6E-500 | 220 | 50 | 1.2 | 230 | 900 | 5800 | 68 | 10 | 9.5 | | | |
| YWF4D-550 | 380 | 50 | 1.2 | 600 | 1300 | 8487 | 75 | - | 10.5 | | | |
| YWF4E-550 | 220 | 50 | 2.4 | 500 | 1300 | 8268 | 75 | 10 | 10.5 | Φ100 | Φ660 | Φ740 |
| YWF6D-550 | 380 | 50 | 0.8 | 330 | 900 | 6509 | 70 | - | 10.5 | | | |
| YWF6E-550 | 220 | 50 | 1.7 | 330 | 900 | 6348 | 70 | 10 | 10.5 | | | |
| YWF4D-600 | 380 | 50 | 1.6 | 830 | 1350 | 12500 | 78 | - | 14 | Φ100 | Φ660 | Φ740 |
| YWF4E-600 | 220 | 50 | 3 | 650 | 1300 | 10500 | 78 | 10 | 14 | | | |
| YWF6D-600 | 380 | 50 | 1.5 | 520 | 900 | 9400 | 72 | - | 14 | | | |
| YWF6E-600 | 220 | 50 | 2.4 | 520 | 900 | 9400 | 72 | 10 | 14 | Φ100 | Φ660 | Φ740 |
| YWF4D-630 | 380 | 50 | 1.8 | 880 | 1320 | 13000 | 78 | - | 15 | | | |
| YWF4E-630 | 220 | 50 | 3.2 | 700 | 1300 | 11000 | 78 | 10 | 15 | | | |
| YWF6D-630 | 380 | 50 | 1.6 | 560 | 900 | 9500 | 75 | - | 15 | Φ100 | Φ660 | Φ740 |
| YWF6E-630 | 220 | 50 | 2.5 | 560 | 900 | 9500 | 75 | 10 | 15 | | | |

YWF SERIES SHADED POLE MOTORS

YWF系列罩极电机

YZF 系列产品概述 Summarize of Products

1. YZF系列电机为单相、4极的罩极式电动机, 额定电压为220-240V, 50/60Hz或110-120V, 60Hz. 广泛应用于散热器、蒸发器等制冷设备.

2. 电机的输出功率范围从5W到34W, 通过改变铁芯厚度来调整电机的输出功率.

3. 电机的绝缘等级为B级, 防护等级为IP42. 可根据客户要求生产防护等级为IP44的电机.

4. 输出功率在10W以下的电动机采用阻抗保护, 输出功率大于10W采用热保护器, 热保护器的断开温度为 $135^{\circ}\text{C}+5^{\circ}\text{C}$.

5. 适用环境温度为 -30°C - $+50^{\circ}\text{C}$.

6. 由于我厂生产的标准电机是采用含油轴承, 所以工厂建议采用水平方式安装电机. 同时我们也可根据客户要求生产滚动轴承的电机.

7. 电机平均使用寿命为20000小时以上.

8. 大部分的电机通过CE、VDE、UL、CCC认证.

1. YWF series motors are shaded pole motors with single phase, 4 shaded poles and running at rated voltage of 220-240V, 50/60Hz or 110-120V, 60Hz. They are widely used in the radiator, evaporator and other refrigeration equipment.

2. The output power is from 5W to 34W, which is relative to the stack length.

3. The insulation class of motors is B, and the protection class of that is Ip42. On request Ip44 is available.

4. The motors are protected by their impedance for output power below 10W and thermal protector with cut-off temperature of $135^{\circ}\text{C}+5^{\circ}\text{C}$. for outpower above 10W.

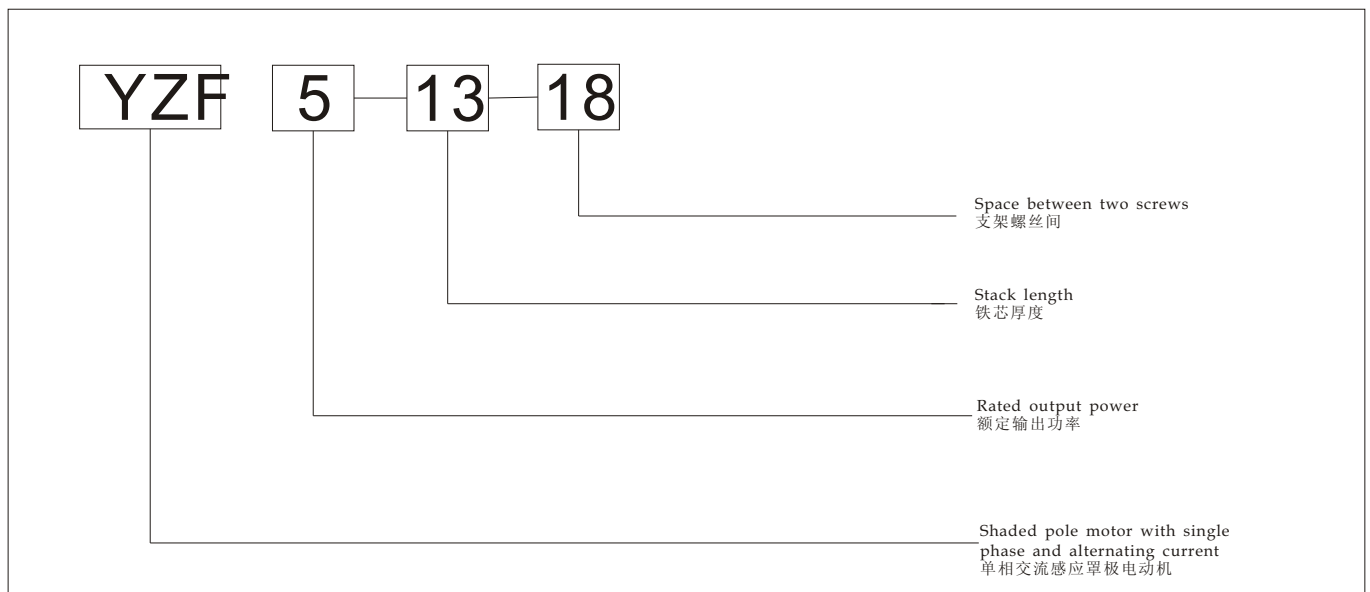
5. The applicable ambient temperature is from -30°C to $+50^{\circ}\text{C}$.

6. Because our standard motors adopt sleeve bearing, we suggest installing these motors horizontally. On request motors can be furnished with ball bearings.

7. The average service life of motors is over 20000 hours.

8. Most of shaded pole motors passed CE, VDE, UL and CCC approval.

型号说明 Illustration of Model

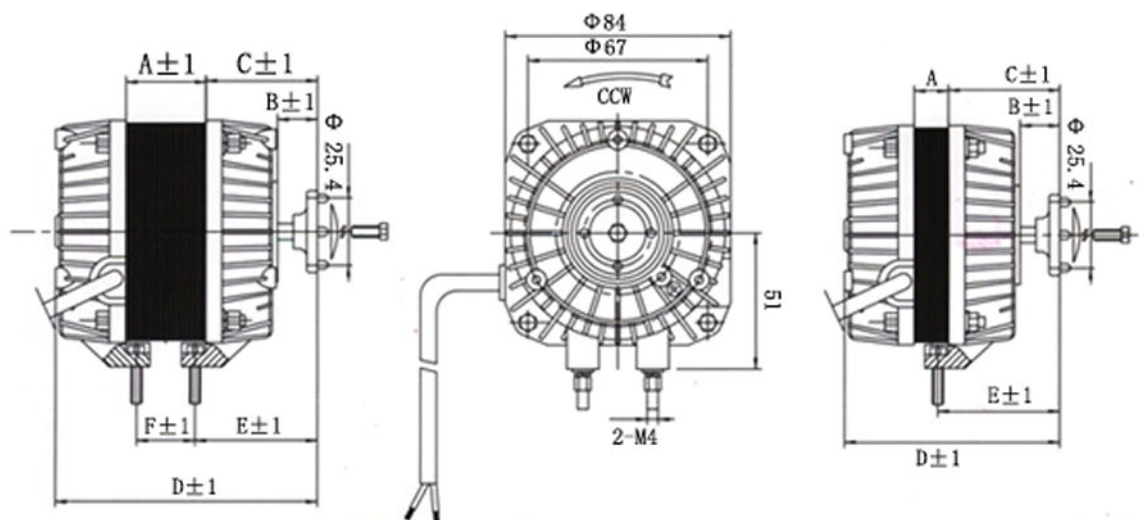


YZF SERIES SHADED POLE MOTORS

YZF系列罩极电机



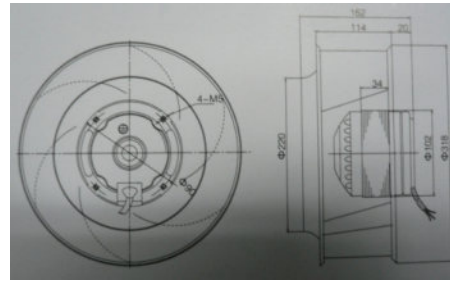
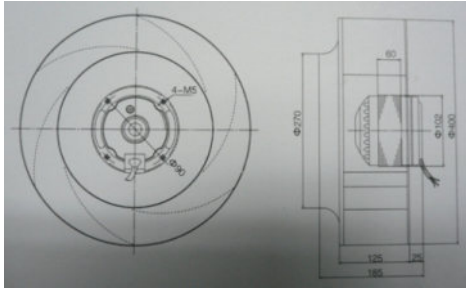
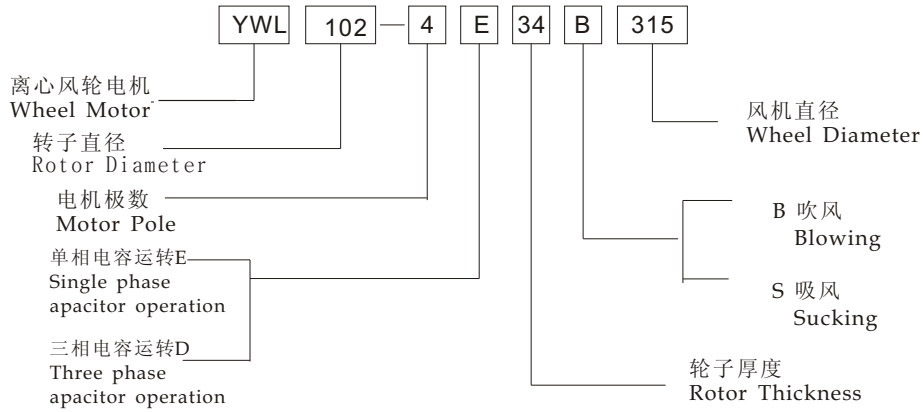
YWF 600



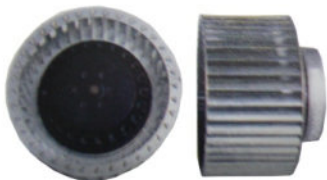
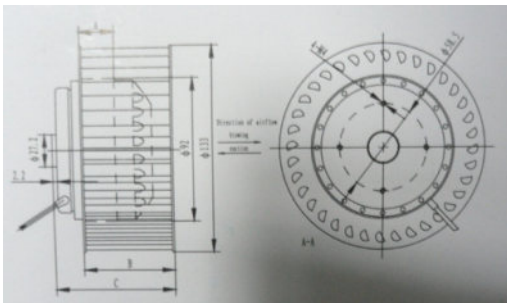
| Model型号 | Voltage 额定电压 V | frequency 额定频率 Hz | Input 额定功率 W | Output 输出功率 W | Current 额定电流 A | speed 额定转速 r/min | Fan blade 风叶型号 mm | Bracket 所配支架 mm | Weight 重量 kg | A mm | B mm | C mm | D mm | E mm | License 认证 |
|-------------|----------------------|-------------------------|--------------------|---------------------|----------------------|------------------------|-------------------------|-----------------------|--------------------|---------|---------|---------|---------|---------|------------------|
| YZF 5-13 | 220~240 | 50/60 | 33 | 5 | 0.25 | 1300 | | | 0.8 | 13 | 13 | 44 | 79 | 48 | CE VDE CCC UL |
| YZF 6-13 | 110~120 | 60 | 33 | 6 | 0.55 | 1550 | $\phi 200$ | H72 | | | | | | | |
| YZF 7-20 | 220~240 | 50/60 | 38 | 7 | 0.3 | 1300 | $\phi 230$ | H84 | 1.1 | 19 | 13 | 44 | 85 | 54 | CE VDE CCC |
| YZF 10-20 | 220~240 | 50/60 | 40 | 10 | 0.35 | 1300 | $\phi 230$ | H84 | 1.1 | 19 | 13 | 44 | 85 | 54 | CE VDE CCC UL |
| YZF 110-120 | 110~120 | 60 | 55 | 10 | 0.8 | 1550 | | | | | | | | | |
| YZF 16-25 | 220~240 | 50/60 | 70 | 16 | 0.5 | 1300 | $\phi 250$ | H84 | 1.4 | 25 | 14 | 45 | 92 | 61 | CE VDE CCC UL |
| YZF 18-25 | 110~120 | 60 | 70 | 18 | 1.01 | 1550 | | | | | | | | | |
| YZF 18-25 | 220~240 | 50/60 | 73 | 18 | 0.5 | 1300 | $\phi 250$ | H84 | 1.5 | 19 | 13 | 44 | 85 | 54 | CE VDE CCC |
| YZF 18-25 | 110~120 | 60 | 75 | 18 | 1.1 | 1450 | | | | | | | | | |
| YZF 25-40 | 220~240 | 50/60 | 95 | 25 | 0.7 | 1300 | $\phi 300$ | H109-2 | 1.8 | 19 | 13 | 44 | 85 | 54 | CE VDE CCC |
| YZF 25-40 | 110~120 | 60 | 100 | 25 | 1.4 | 1450 | | | | | | | | | |
| YZF 34-45 | 220~240 | 50/60 | 120 | 34 | 0.85 | 1300 | $\phi 300$ | H109-3 | 2 | 19 | 13 | 44 | 85 | 54 | CE VDE CCC |
| YZF 34-45 | 110~120 | 60 | 110 | 34 | 1.5 | 1450 | | | | | | | | | |

YWL SERIES CENTRIFUGAL FAN MOTORS

YWL系列离心风机



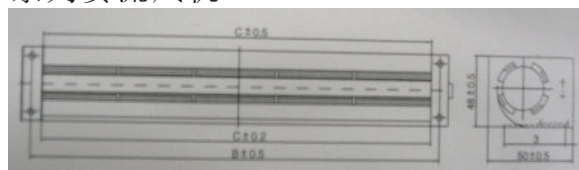
| TYPE型号 | Voltage Frequency V/Hz | Current 额定电流 A | Input 额定功率 W | speed 额定转速 r/min | Air volume 风量 m ³ /h | Noise 噪音 dBA | Capacitance 电容 uF | Weight 重量 kg |
|--------------------|------------------------|----------------|--------------|------------------|---------------------------------|--------------|-------------------|--------------|
| YWL 102-4E-34B-315 | 220/50 | 0.66 | 135 | 1400 | 2000 | 62 | 4 | 3.8 |
| YWL 102-4E-60B-400 | 220/50 | 1.4 | 270 | 1300 | 3300 | 65 | 8 | 8 |



| TYPE型号 | Voltage Frequency V/Hz | Current 额定电流 A | Input 额定功率 W | speed 额定转速 r/min | Air volume 风量 m ³ /h | Noise 噪音 dBA | Capacitance 电容 uF | Weight 重量 kg |
|-------------------|------------------------|----------------|--------------|------------------|---------------------------------|--------------|-------------------|--------------|
| YWL 92-2E-16B-133 | 220/50 | 0.38 | 80 | 700 | 2050 | 60 | 2 | 3 |
| YWL 92-2E-35B-133 | 220/50 | 0.65 | 130 | 1000 | 2500 | 62 | 3 | 4 |

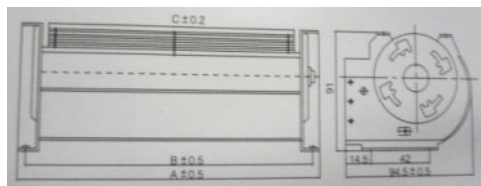
YGF SERIES Cross Flow Motors

YGF系列贯流风机

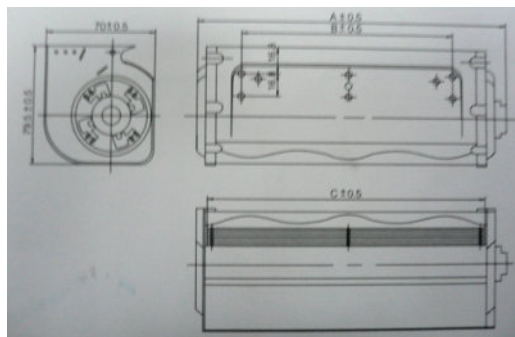


YGF 30. 355

叶轮长度
Wheel Width
叶轮直径
Wheel Diameter
贯流风机
Cross Flow Motor

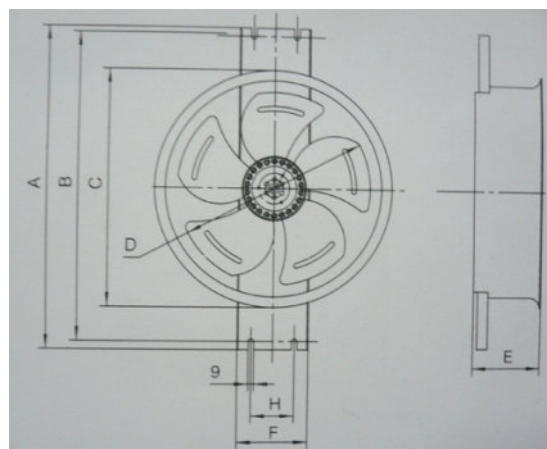


| TYPE型号 | Voltage Frequency V/Hz | Current 额定电流 A | Input 额定功率 W | speed 额定转速 r/min | Air volume 风量 m ³ /h | A mm | B mm | C mm |
|-----------|------------------------------|----------------------|--------------------|------------------------|---------------------------------------|---------|---------|---------|
| YGF30.355 | 220/50 | 0.095 | 13 | 2300 | 85 | 379 | 363 | 355 |
| YGF30.300 | 220/50 | 0.08 | 11 | 2300 | 72 | 323 | 308 | 300 |
| YGF30.250 | 220/50 | 0.07 | 9 | 2300 | 60 | 283 | 258 | 250 |
| YGF30.210 | 220/50 | 0.06 | 8 | 2300 | 50 | 233 | 218 | 210 |
| YGF30.200 | 220/50 | 0.056 | 7.7 | 2300 | 48 | 223 | 208 | 200 |
| YGF30.180 | 220/50 | 0.05 | 6.6 | 2300 | 43 | 203 | 188 | 150 |
| YGF30.150 | 220/50 | 0.04 | 5.5 | 2300 | 36 | 173 | 158 | 150 |
| YGF30.120 | 220/50 | 0.03 | 4.4 | 2300 | 29 | 143 | 128 | 120 |



| TYPE型号 | Voltage Frequency V/Hz | Current 额定电流 A | Input 额定功率 W | speed 额定转速 r/min | Air volume 风量 m ³ /h | A mm | B mm | C mm |
|-----------|------------------------------|----------------------|--------------------|------------------------|---------------------------------------|---------|---------|---------|
| YGF60.480 | 220/50 | 0.78 | 73 | 2500 | 354 | 506 | 496 | 480 |
| YGF60.420 | 220/50 | 0.68 | 64 | 2500 | 310 | 446 | 436 | 420 |
| YGF60.360 | 220/50 | 0.58 | 55 | 2500 | 270 | 386 | 376 | 360 |
| YGF60.310 | 220/50 | 0.5 | 47 | 2500 | 235 | 336 | 326 | 310 |
| YGF60.300 | 220/50 | 0.48 | 46 | 2500 | 230 | 326 | 316 | 300 |
| YGF60.240 | 220/50 | 0.38 | 35 | 2500 | 175 | 266 | 256 | 240 |
| YGF60.183 | 220/50 | 0.3 | 28 | 2500 | 140 | 206 | 196 | 183 |
| YGF60.120 | 220/50 | 0.2 | 19 | 2500 | 92 | 146 | 136 | 120 |

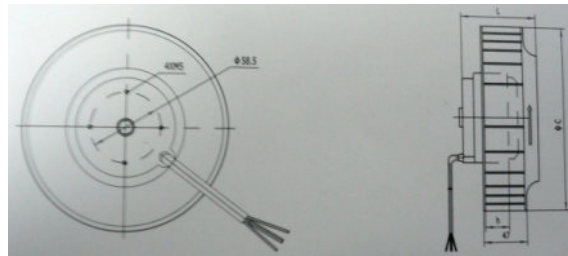
| TYPE型号 | Voltage Frequency V/Hz | Current 额定电流 A | Input 额定功率 W | speed 额定转速 r/min | Air volume 风量 m ³ /h | A mm | B mm | C mm |
|-----------|------------------------------|----------------------|--------------------|------------------------|---------------------------------------|---------|---------|---------|
| YGF45.360 | 220/50 | 0.25 | 27.5 | 2500 | 98 | 383 | 328 | 360 |
| YGF45.300 | 220/50 | 0.21 | 22.5 | 2500 | 80 | 323 | 268 | 300 |
| YGF45.290 | 220/50 | 0.2 | 21.5 | 2500 | 76.8 | 313 | 258 | 290 |
| YGF45.186 | 220/50 | 0.13 | 14 | 2500 | 50 | 209 | 154 | 186 |
| YGF45.150 | 220/50 | 0.1 | 11 | 2500 | 42 | 173 | 118 | 150 |



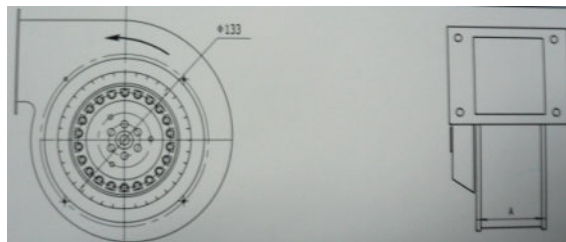
| 型号 | A | B | C | D | E | F | H |
|-------|-----|----------|-----|------|-----|-----|----------|
| TYPE | mm | mm | mm | mm | mm | mm | mm |
| YR250 | 410 | 395±0.03 | 280 | ∅250 | 90 | 102 | 62±0.25 |
| YR300 | 462 | 438±0.03 | 340 | ∅300 | 100 | 102 | 62±0.25 |
| YR350 | 510 | 485±0.03 | 380 | ∅350 | 132 | 140 | 100±0.25 |
| YR400 | 560 | 538±0.03 | 435 | ∅400 | 132 | 140 | 100±0.25 |

NEW PRODUCT

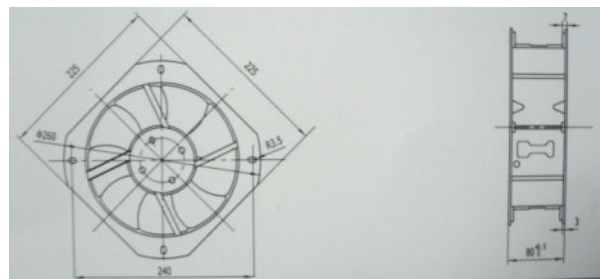
新产品



| TYPE型号 | Voltage 额定电压 V | Frequency 频率 Hz | Current 额定电流 A | Input 额定功率 W | Speed 额定转速 r/min | Noise 噪音 dBA | Capacitance 电容 uF | Size | | |
|-------------------|----------------------|-----------------------|----------------------|--------------------|------------------------|--------------------|-------------------------|----------|---------|---------|
| | | | | | | | | φC mm | L mm | H mm |
| YWF 92-2E-168-190 | 220 | 50/60 | 54/64 | 0.24/0.30 | 2250/2730 | 62 | 2 | 190 | 78 | 16 |
| | 110 | 50/60 | 60/75 | 0.50/0.60 | 2300/2600 | 62 | 8 | 190 | 78 | 16 |
| YWF 92-2E-25B-230 | 220 | 50/60 | 80/100 | 0.38/0.46 | 2490/2730 | 65 | 3 | 230 | 88 | 25 |
| | 110 | 50/60 | 90/115 | 0.75/0.95 | 2450/2700 | 65 | 12 | 230 | 88 | 25 |



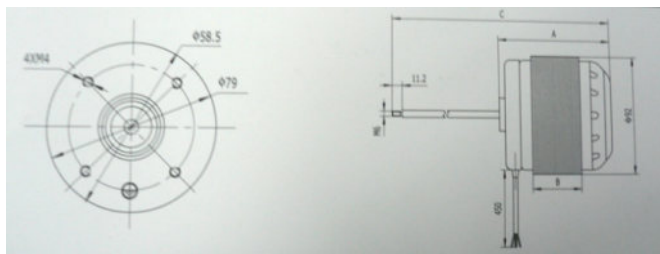
| TYPE型号 | Voltage 额定电压 V | Frequency 频率 Hz | Current 额定电流 A | Input 额定功率 W | Speed 额定转速 r/min | Air volume 额定风量 m ³ /h | Noise 噪音 dBA | Capacitance 电容 uF | Size |
|------------------|----------------------|-----------------------|----------------------|--------------------|------------------------|---|--------------------|-------------------------|---------|
| | | | | | | | | | A mm |
| YWL 92-2E-16-133 | 220 | 50 | 0.31 | 70 | 1800 | 700 | 62 | 2 | 67 |
| YWL 92-2E-35-133 | 220 | 50 | 0.31 | 130 | 2385 | 1000 | 62 | 3 | 90 |



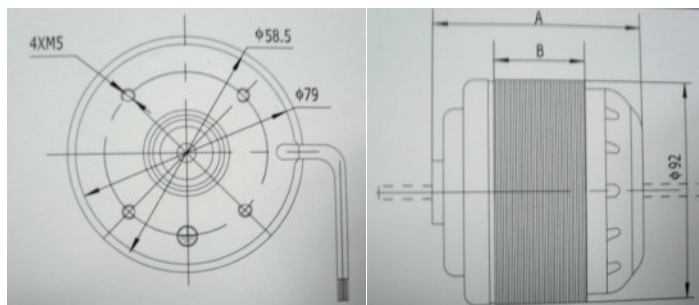
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|-------------|----------------------|-----------------------|----------------------|--------------------|------------------------|---|--------------------|-------------|
| | | | | | | | | 电容 uF |
| YWF2E-200SC | 220 | 50 | 0.25 | 55 | 2300 | 900 | 55 | 2 |
| YWF4E-200SC | 220 | 50 | 0.21 | 40 | 1400 | 460 | 50 | 1.5 |

NEW PRODUCT

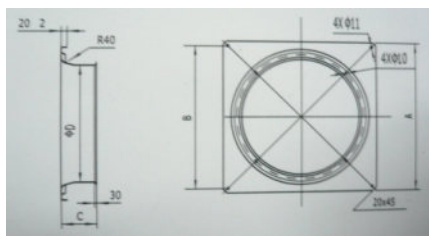
新产品



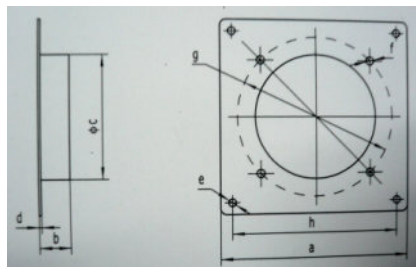
| TYPE型号 | Voltage 额定电压 V | Frequency 频率 Hz | Current 额定电流 A | Input 额定功率 W | Speed 额定转速 r/min | Noise 噪音 dBA | Capacitance 电容 uF | Size | | |
|-------------------|----------------------|-----------------------|----------------------|--------------------|------------------------|--------------------|-------------------------|---------|---------|---------|
| | | | | | | | | A mm | B mm | C mm |
| YWJ 92-2E-16S-255 | 220 | 50 | 0.24 | 52 | 2400 | 62 | 1.5 | 65 | 16 | 216 |
| YWJ 92-2E-25S-255 | 220 | 50 | 0.35 | 80 | 2600 | 65 | 2 | 75 | 25 | 255 |



| TYPE型号 | Voltage 额定电压 V | Frequency 频率 Hz | Current 额定电流 A | Input 额定功率 W | Speed 额定转速 r/min | Noise 噪音 dBA | Capacitance 电容 uF | Size | |
|--------------|----------------------|-----------------------|----------------------|--------------------|------------------------|--------------------|-------------------------|---------|---------|
| | | | | | | | | A mm | B mm |
| YWD 92-2E-25 | 220 | 50 | 0.37 | 81 | 2630 | 55 | 2 | 73 | 25 |
| YWD 92-2E-35 | 220 | 50 | 0.65 | 140 | 2500 | 55 | 5 | 83 | 35 |
| YWD 92-4E-25 | 220 | 50 | 0.4 | 90 | 1350 | 50 | 3 | 73 | 25 |
| YWD 92-4E-35 | 220 | 50 | 0.52 | 110 | 1300 | 50 | 3 | 83 | 35 |



| 孔径D | 长(宽)A | 孔拉伸C | 安装孔尺寸B |
|-----|-------|------|--------|
| mm | mm | mm | mm |
| 500 | 655 | 120 | 615 |
| 560 | 725 | 130 | 675 |
| 630 | 805 | 150 | 750 |

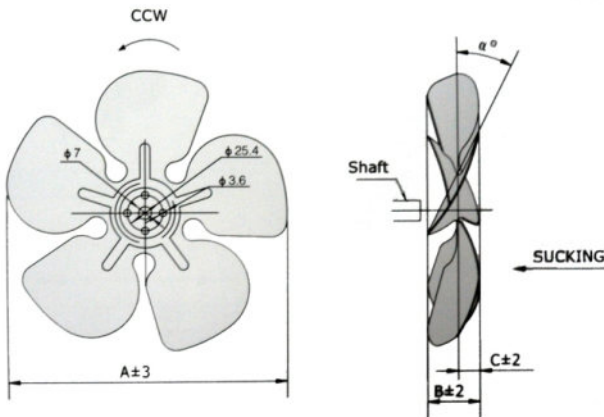


| Size | a | b | c | d | e | f | g | h |
|------|-----|------|-----|----|----|----|-----|-----|
| 315 | 430 | 72.5 | 345 | 11 | 9 | M6 | 375 | 380 |
| 350 | 485 | 80 | 388 | 12 | 9 | M6 | 422 | 435 |
| 400 | 540 | 98 | 417 | 12 | 9 | M8 | 500 | 490 |
| 450 | 576 | 100 | 465 | 14 | 11 | M8 | 560 | 535 |

YZF Series Motors

YZF系列电机

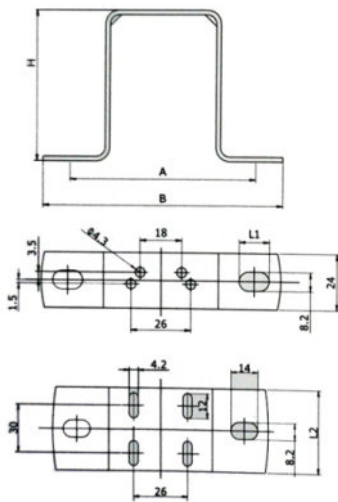
FAN BLADE 风叶



| FAN TYPE | a° | 19° | | 22° | | 25° | | 28° | | 31° | |
|----------|-----|-----|----|-----|----|-----|----|-----|----|-----|----|
| | | B | C | B | C | B | C | B | C | B | C |
| Φ154 | 154 | 23 | 12 | 26 | 14 | 29 | 15 | 32 | 17 | 36 | 19 |
| Φ172 | 170 | 25 | 13 | 28 | 15 | 31 | 16 | 34 | 18 | 38 | 20 |
| Φ200 | 196 | 27 | 14 | 30 | 16 | 33 | 17 | 36 | 19 | 41 | 23 |
| Φ230 | 228 | 31 | 16 | 32 | 17 | 35 | 18 | 40 | 21 | 44 | 23 |
| Φ250 | 244 | 31 | 16 | 35 | 18 | 37 | 19 | 40 | 21 | 46 | 24 |
| Φ254 | 252 | 35 | 18 | 37 | 21 | 39 | 23 | 40 | 24 | 47 | 29 |
| Φ300 | 298 | 35 | 18 | 41 | 22 | 44 | 23 | 48 | 25 | 52 | 26 |

| MODEL | YZF5-13 | | YZF7-20 | | YZF10-20 | | YZF16-25 | | YZF18-30 | | YZF25-40 | | YZF34-45 | |
|-------|---------|-----|---------|----|----------|----|----------|----|----------|----|----------|----|----------|----|
| | a° | FAN | | | | | | | | | | | | |
| Φ154 | 28 | 31 | | | | | | | | | | | | |
| Φ172 | 28 | 31 | | | | | | | | | | | | |
| Φ200 | 28 | 31 | 28 | 31 | 28 | 31 | | | | | | | | |
| Φ230 | | | 28 | 28 | | | | | | | | | | |
| Φ250 | | | | | 22 | 28 | 31 | 28 | 31 | | | | | |
| Φ254 | | | | | | 28 | 31 | 28 | 31 | | | | | |
| Φ300 | | | | | | | | | | 22 | 22 | 25 | 25 | 28 |

BRACKET 电机脚

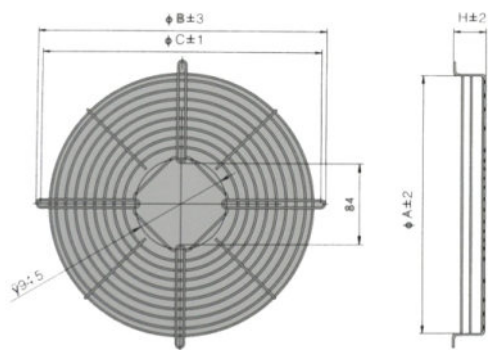


| MODEL | H | A | B | L1 | L2 |
|--------|-----|----|-----|----|----|
| H55 | 55 | 81 | 106 | 13 | - |
| H72 | 72 | 81 | 106 | 13 | - |
| H84 | 84 | 81 | 106 | 20 | - |
| H109-1 | 109 | 81 | 106 | 14 | - |
| H109-2 | 109 | 78 | 100 | 14 | 39 |
| H109-3 | 109 | 78 | 100 | 14 | 49 |

YZF Series Motors

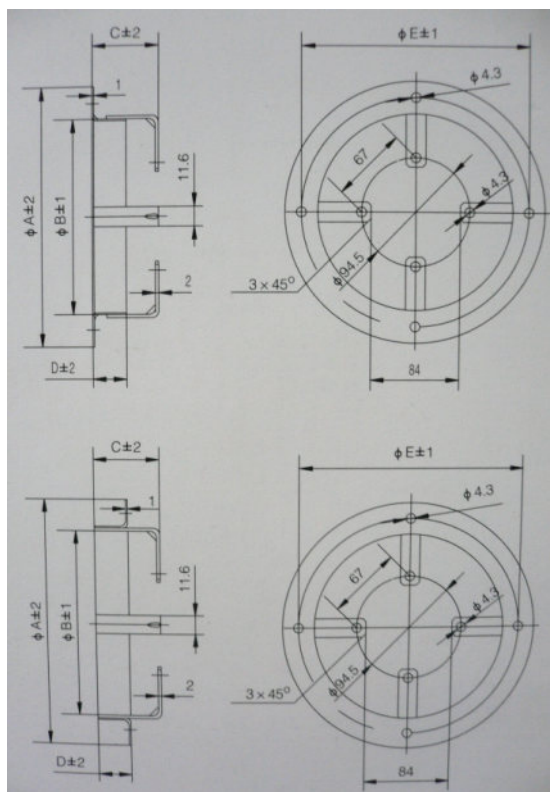
YZF系列电机

GRID 网罩



| FAN TYPE | Φ154 | Φ172 | Φ200 | Φ230 | Φ254 | Φ300 |
|----------|------|------|------|------|------|------|
| A | 164 | 188 | 210 | 238 | 265 | 322 |
| B | 202 | 220 | 248 | 278 | 300 | 354 |
| C | 190 | 190 | 236 | 268 | 290 | 344 |
| H | 11 | 11 | 25 | 27 | 17 | 17 |

RING 电机架



| Φ FAN | Φ A | Φ B | C | D | Φ A |
|-------|-----|-----|----|----|-----|
| 172 | 223 | 180 | 49 | 25 | 208 |
| 200 | 246 | 208 | 49 | 25 | 236 |
| 230 | 278 | 238 | 49 | 25 | 266 |
| 254 | 300 | 262 | 49 | 25 | 290 |
| 300 | 378 | 308 | 49 | 30 | 365 |

| Φ FAN | Φ A | Φ B | C | D | Φ A |
|-------|-----|-----|----|----|-----|
| 172 | 223 | 180 | 36 | 25 | 208 |
| 200 | 246 | 208 | 36 | 25 | 236 |
| 230 | 278 | 238 | 36 | 25 | 266 |
| 254 | 300 | 262 | 36 | 25 | 290 |
| 300 | 378 | 308 | 36 | 30 | 365 |

SR SP SQ/ST SERIES SPA BATH PUMPS

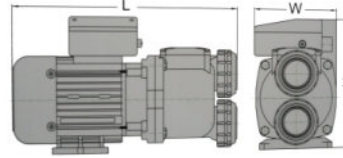
SR SP SQ/ST 系列水泵



SR



SP



"EMAUX"SR Series Centrifugal Pump without strainer custom designed for the specific demands of water features such as fountains, waterfalls and other special pool features.

1. High performance to ensure maximum turnover rate of water.
2. Quiet operation.
3. Pump components are custom molded of thermoplastic for superior strength and durability.
4. Corrosion protected shell to prevent water directly contacting with motor.
5. Designed for easy maintenance and repairs.
6. Ip55 waterproof standard.
7. Durable custom molded components.

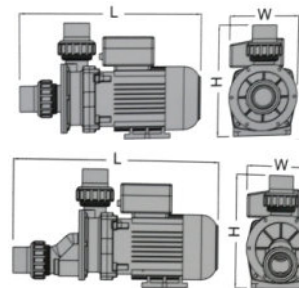
"意万仕"SR系列是不带隔发器的离心式水泵,设计的根据水流的特征性能而制造,是喷泉、瀑布和具特色的泳池之最佳选择。

1. 高性能, 确保最佳扬程和流量
2. 运行宁静
3. 水泵的主要部件是由耐热塑料制成, 寿命更持久耐用
4. 防锈保护壳, 防止水分直接接触马达
5. 操作方便, 维修容易
6. 符合IP55防水标准
7. 备有齐全的零配件



SQ

ST



The new EMAUX SQ/ST Series pump offers high efficiency and performance in a totally new design. Designed to meet the flow requirements for the latest in whirlpool bath hydrotherapy features, the new SQ series pump establishes a new standard of performance across its available horsepower ranges.

1. Available in 1/2, 3/4 and 1HP.
2. Split Phase or PSC motor construction.
3. Ip55 waterproof standard.
4. Available in 220 volt and 60Hz or 50Hz.
5. Dry run mechanical seal for reliability
6. Easily install unions. Quiet operation.

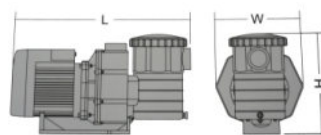
新型"意万仕"SQ及ST系列按摩水泵是采用现时最先进的技术设计而成, 高效及节能等优点, 其流量要求刚好适合最新的旋涡浴缸, 新的"SQ及ST"系列水泵将开启新流量范围标准。

1. 有1/2HP、3/4HP和1HP多种型号选择
2. 相数和电机构造符合PSC标准
3. 符合IP55防水标准
4. 提供220V及60Hz或50Hz选择
5. 配备进口机械密封圈, 能杜绝一切漏水
6. 安装接管简易
7. 运行宁静安全可靠

| Model型号 | Output Power (kW) 输出功率 | Length (mm) 长度 | Width (mm) 宽度 | Height (mm) 高度 | Weight (kg) 重量 | Port size 管径 | Voltage (v) 电压 | Phase 相数 |
|---------|---------------------------|-------------------|------------------|-------------------|-------------------|-----------------|-------------------|-------------|
| SR100 | 0.75 | 448 | 275 | 310 | 14.7 | 2"/50mm | 220 | 单相 |
| SR150 | 1.1 | 448 | 275 | 310 | 16.3 | 2"/50mm | 220 | 单相 |
| SR200 | 1.5 | 458 | 275 | 310 | 19.7 | 2"/50mm | 220 | 单相 |
| SR300 | 2.2 | 458 | 275 | 310 | 22.1 | 2"/50mm | 220 | 单相 |
| SP075 | 0.55 | 375 | 150 | 220 | 8.5 | 1 1/2"/40mm | 220 | 单相 |
| SP100 | 0.75 | 375 | 150 | 220 | 9.1 | 1 1/2"/40mm | 220 | 单相 |
| SQ050 | 0.5 | 435 | 150 | 254 | 7.3 | 1 1/2"/40mm | 220 | 单相 |
| SQ075 | 0.55 | 435 | 150 | 254 | 7.3 | 1 1/2"/40mm | 220 | 单相 |
| SQ100 | 0.75 | 435 | 150 | 254 | 9.1 | 1 1/2"/40mm | 220 | 单相 |
| ST050 | 0.5 | 370 | 150 | 252 | 7.3 | 1 1/2"/40mm | 220 | 单相 |
| ST075 | 0.56 | 370 | 150 | 252 | 8.2 | 1 1/2"/40mm | 220 | 单相 |
| ST100 | 0.75 | 370 | 150 | 252 | 9.1 | 1 1/2"/40mm | 220 | 单相 |

SB SC SS SERIES SPA BATH PUMPS

SB SC SS 系列水泵

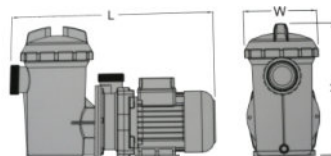


"EMAUX" SB Series Extreme Centrifugal Pump is engineered to deliver ultra performance to both high and medium head installations in large-sized swimming pool and commercial spas. This high flow pump is designed to exceed to exceed builder, service professional and customer requirements.

1. Corrosion protected shell to prevent water directly contacting with motor.
2. Easily assemble pump basket.
3. Pump basket size to allow twice normal dirt load before cleaning.
4. High performance to ensure maximum turnover rate of water.
5. Improved suction characteristics to ensure maximum efficiency from automatic sweeper.
6. Lid designed to eliminate suction leaks and to allow positive checking of lid seal under load.
7. Ip55 waterproof standard.
8. CE Europe standard
9. Designed for easy maintenance and repairs.
10. Through test repeatedly, guarantee the real output power.
11. Overload protector.

"意万仕"SB系列水泵适用于大型泳池及按摩浴池, 它集合高性能, 高扬程于一身。"SB"系列水泵设计优秀, 达至世界先进标准, 为工程界的专业人士最佳选。

1. 防锈保护外壳, 防止水分渗入马达内部
2. 易于清理的过滤篮
3. 隔发器容量特大, 可容纳更多污物
4. 高性能, 确保高效率循环
5. 改良后的吸污能力特强
6. 泵盖具有真空密封性, 防止漏水
7. 符合IP55防水标准
8. 符合欧洲CE标准
9. 操作方便, 维修容易
10. 同类型水泵比较有十足输出功率
11. 过流保护装置



The EMAUX SS Series range of swimming pool and spa pool pumps are designed for most domestic pool filtration applications. The high performance pump is manufactured from a premium grade UV stabilized reinforced thermoplastic material, incorporates with an up grade corrosion-resistant aluminum motor housing as a standard heavy duty accomplishes for its quieter operation.

1. See through trap lid eliminates the guess work, you see when the basket needs cleaning.
2. High set off ground insulated motor cradle for water and corrosion protection.
3. Rapid self priming capability with patented internal heat sink ensures maximum cooling of the seal, extends shaft and seal life.
4. IP55 waterproof standard
5. CE Europe standard
6. Through test repeatedly, guarantee the real output power.

"意万仕"SS系列离心式水泵专为家庭泳池或按摩池过滤而设计。这种高性能的水泵由优质的防紫外线塑胶制造而成, 其马达的铝外壳具有极强的抗腐蚀性保护, 而且运行十分宁静。

1. 透过面盖可清楚看到是否需要清理隔发器。
2. 绝缘材料的马达底座可防水和耐腐蚀。
3. 自身具有显著而快速的散热能力, 确保最有效地冷却轴密封, 延长轴承和轴密封的寿命。
4. 符合IP55防水标准
5. 符合欧洲CE标准
6. 同类型水泵比较有十足输出功率

| Model型号 | Output Power (kW) 输出功率 | Length (mm) 长度 | Width (mm) 宽度 | Height (mm) 高度 | Weight (kg) 重量 | Port size 管径 | Voltage (v) 电压 | Phase 相数 |
|---------|---------------------------|-------------------|------------------|-------------------|-------------------|-----------------|-------------------|-------------|
| SB10 | 0.75 | 600 | 280 | 350 | 16 | 2"/50mm | 220 | 单相 |
| SB15 | 1.1 | 600 | 280 | 350 | 17 | 2"/50mm | 220 | 单相 |
| SB20 | 1.5 | 610 | 280 | 350 | 23 | 2"/50mm | 220 | 单相 |
| SB30 | 2.2 | 610 | 280 | 350 | 24 | 2"/50mm | 220 | 单相 |
| SC050 | 0.37 | 533 | 240 | 335 | 10.4 | 1 1/2"/40mm | 220 | 单相 |
| SC075 | 0.56 | 533 | 240 | 335 | 12.1 | 1 1/2"/40mm | 220 | 单相 |
| SC100 | 0.75 | 533 | 240 | 335 | 13.4 | 1 1/2"/40mm | 220 | 单相 |
| SC150 | 1.1 | 533 | 240 | 335 | 14.9 | 1 1/2"/40mm | 220 | 单相 |
| SC200 | 1.5 | 533 | 240 | 335 | 15.4 | 1 1/2"/40mm | 220 | 单相 |
| SS020 | 0.15 | 430 | 155 | 278 | 6.2 | 1 1/2"/40mm | 220 | 单相 |
| SS033 | 0.25 | 430 | 155 | 278 | 6.5 | 1 1/2"/40mm | 220 | 单相 |
| SS050 | 0.37 | 485 | 155 | 278 | 8.03 | 1 1/2"/40mm | 220 | 单相 |
| SS075 | 0.55 | 485 | 155 | 278 | 9.01 | 1 1/2"/40mm | 220 | 单相 |
| SS033 | 0.75 | 485 | 155 | 278 | 9.09 | 1 1/2"/40mm | 220 | 单相 |
| SS050 | 0.9 | 485 | 155 | 278 | 11 | 1 1/2"/40mm | 220 | 单相 |

FIBERGLASS SAND FILTERS

玻璃纤维过滤沙缸



TOP-MOUNT SAND FILTER

"EMAUX" Top mount fiberglass sand filter suit for the market standard of Asia, America, and Australia, the internal surface of the tank is finished with edible standard resin which is chemical the outer surface are designed by precise winding machine, allows the UV resistant. Then are most popular for the application of swimming pool, spa pool and various water treatment.

"意万仕"顶置式纤维过滤沙缸符合亚洲、美洲及澳洲市场使用标准，内壳采用防化及达到食用级标准物料制造，外层使用精密绕丝机加工，再配已防晒处理而成。适用于泳池、按摩池和各类水处理等各方面使用。

1. Chemical resistant and edible standard
2. Fibreglass reinforced tank with UV resistant surface finish.
3. Spherical tank with uniform wall thickness.
4. All sand filters with oil pressure gauge
5. Latest Ringlock Multiport Valves it easy installation
6. NSF standard

1. 配有防化及符合饮用级标准
2. 玻璃纤维过滤沙缸表面具有极强防晒能力。
3. 加强沙缸结构厚度使沙缸更加坚固。
4. 全部沙缸配有油压表
5. 全新罗牙式多向阀装置便于安装
6. 达到NSF标准

MULTIPORT VALVE(SIX POSITION)

1. FILTER(Normal Filtration and Vacuuming)
2. BACKWASH(Cleaning Filter by reversing the flow)
3. RINSE(Use after backwash to flush dirt from valve)
4. WASTE(By-passes filter, used for vacuuming to waste or lowering water level)
5. RECIRCULATE(By-passes filter for circulating water to pool)
6. CLOSED(Shuts off all flow to filter or pool)

1. 正常过滤
2. 倒冲洗(排出过滤器内积藏之污物)
3. 倒冲洗后, 排出剩余在水管内之污物
4. 不经过滤, 直接排水
5. 不经过滤器循环
6. 关(将过滤器内之功能关闭)

| Model No.型号 | V400 | V450 | V500 | V650 | V700 | V800 | V900 | V1000 | V1100 | V1200 | V1400 |
|------------------------------------|------|------|-------|------|------|------|------|-------|-------|-------|-------|
| Tank Dia.(mm)直径 | 400 | 450 | 525 | 625 | 710 | 800 | 900 | 1000 | 1120 | 1200 | 1400 |
| Height(mm)高度 | 740 | 800 | 840 | 960 | 1025 | 1200 | 1300 | 1400 | 1480 | 1600 | 1850 |
| Valve Port Size(mm) 多向阀管径 | 40 | 40 | 40 | 40 | 40 | 50 | 50 | 50 | 50 | 50 | 50 |
| Filter Area(m ²)过滤面积 | 0.13 | 0.16 | 0.22 | 0.3 | 0.4 | 0.5 | 0.64 | 0.79 | 0.98 | 1.13 | 1.54 |
| Silica Sand(kg) 滤沙重量 | 30 | 40 | 85 | 155 | 185 | 210 | 310 | 410 | 460 | 560 | 900 |
| Design Flow(m ³ /h)设计流量 | 6.3 | 7.98 | 11.52 | 16.2 | 19.2 | 25.2 | 30 | 33 | 37.8 | 42 | 57 |

Maximum temperature:43°C(109F)

FIBERGLASS SAND FILTERS

玻璃纤维过滤沙缸



S900

S650

SIDE-MOUNT SAND FILTER

"EMAUX" Top mount fiberglass sand filter suit for the market standard of Europe and Asia, the internal surface of the tank is finished with edible standard resin which is chemical the outer surface are designed by precise winding machine, allows the UV resistant. Then are most popular for the application of swimming pool, spapool and various watertreatment.

1. Chemical resistant and edible standard
2. Fibreglass reinforced tank with UV resistant surface finish.
3. Spherical tank with uniform wall thickness.
4. All sand filters with oil pressure gauge
5. Latest Ringlock Multiport Valves it easy installation
6. NSF standard

MULTIPORT VALVE(SIX POSITION)

1. FILTER(Normal Filtration and Vacuuming)
2. BACKWASH(Cleaning Filter by reversing the flow)
3. RINSE(Use after backwash to flush dirt from valve)
4. WASTE(By-passes filter, used for vacuuming to waste or lowering water level)
5. RECIRCULATE(By-passes filter for circulating water to pool)
6. CLOSED(Shuts off all flow to filter or pool)

"意万仕"侧置式纤维过滤沙缸符合欧洲、亚洲市场使用标准，内壳采用防化及达到食用级标准物料制造，外层使用精密绕丝机加工，再配已防晒处理而成。适用于泳池、按摩池和各类水处理等各方面使用。

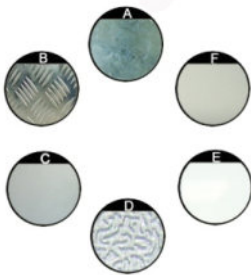
1. 配有防化及符合饮用级标准
2. 玻璃纤维过滤沙缸表面具有极强防晒能力。
3. 加强沙缸结构厚度使沙缸更加坚固。
4. 全部沙缸配有油压表
5. 全新罗牙式多向阀装置便于安装
6. 达到NSF标准

1. 正常过滤
2. 倒冲洗(排出过滤器内积藏之污物)
3. 倒冲洗后, 排出剩余在水管内之污物
4. 不经过滤, 直接排水
5. 不经过滤器循环
6. 关(将过滤器内之功能关闭)

| Model No.型号 | S450 | S500 | S650 | S700 | S800 | S900 | S1000 | S1100 | S1200 |
|------------------------------------|------|-------|------|------|------|------|-------|-------|-------|
| Tank Dia.(mm)直径 | 470 | 550 | 650 | 720 | 820 | 920 | 1020 | 1120 | 1220 |
| Height(mm)高度 | 730 | 770 | 850 | 960 | 1050 | 1180 | 1220 | 1280 | 1410 |
| Valve Port Size(mm)多向阀管径 | 40 | 40 | 40 | 40 | 50 | 50 | 50 | 50 | 50 |
| Filter Area(m ²)过滤面积 | 0.16 | 0.22 | 0.3 | 0.4 | 0.5 | 0.64 | 0.79 | 0.98 | 1.13 |
| Silica Sand(kg) 滤沙重量 | 40 | 85 | 155 | 185 | 210 | 310 | 410 | 460 | 560 |
| Design Flow(m ³ /h)设计流量 | 7.98 | 11.52 | 16.2 | 19.2 | 25.2 | 30 | 33 | 37.8 | 42 |

Maximum temperature:43°C(109F)

CNAU COLD ROOM
中澳冷库



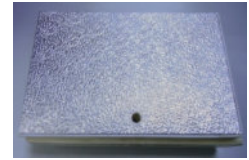
平衡窗 Equilibrium window



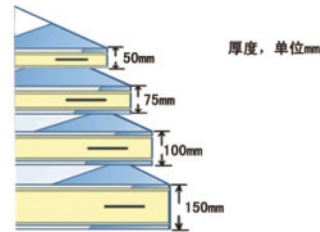
胶帘 Curtain



发热线 Deliver hot-line



冷库板 Cold store plank



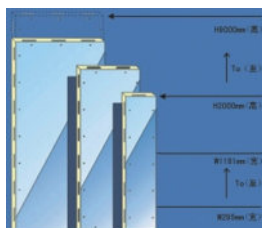
厚度, 单位mm

冷库板厚度(Panels Thickness):

| 厚度 (MM) | 适用温度 |
|---------|---------|
| 50 | 5℃ 以上 |
| 75 | -5℃ 以上 |
| 100 | -25℃ 以上 |
| 150 | -45℃ 以上 |

冷库板金属表面材料选择(Choice Embossed Aluminium):

- A、镀锌板 Galvanized Mild Steel
- B、防滑铝板 Aluminum skid
- C、盐化钢板 Salt Plate
- D、压花铝板 Stucco Embossed Aluminum
- E、彩钢板 Painted Galvanized Mild Steel
- F、不锈钢板 Stainless Steel



冷库板标准尺寸(Sizes of coldroom plates):

冷库板采用模具高压发泡而成, 标准宽度从295MM至1181MM, 标准高度从2000MM至9000MM可供选择, 非标尺寸可定制, 以满足广大客户的需求。
Coldroom plates are made through highpressure foaming. The standard width is from 295mm to 1181 mm, height is from 2000mm to 9000mm. Moreover, we can produce as your special sizes.

冷库配件(Coldroom Parts):



制冷机组(Storane Units):

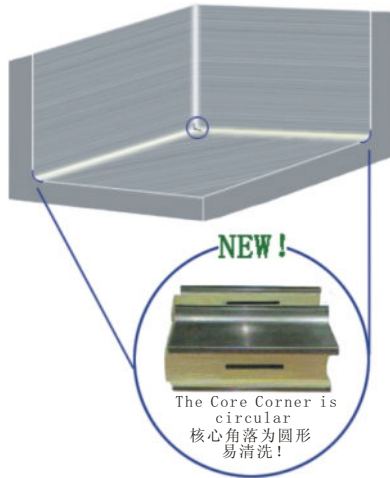




TM

CNAU COLD ROOM

中澳冷库



CNKOLD冷库板是一种全新的产品，冷库由带金属表面聚氨酯材料的冷库板组合而成，冷库板均是采用高密度聚氨酯甲酸乙酯泡沫。保温板中不含有任何木制品。所有高低温冷库板拆卸方便，容易组合，板与板之间为凹凸型，配合乙烯基胶边并用离心钩，组合成库体。CNKOLDU冷库可组合成各种尺寸的冷库，以满足客户不同的需求。

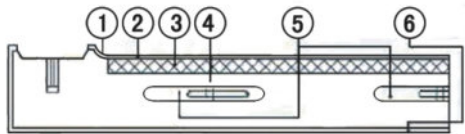
CNKOLD冷库为配合卫生条例，因而设有独特的圆角，令冷库内的90度直角变为圆形，使清洁更加方便。（见左图）

CNKOLD冷库板的圆角位全是不锈钢制造，令清洁更加方便，另外，CNKOLD冷库板全包装好才出货，令运输途中不会被损坏及弄花。

The CNKOLD coldstorage board is brand-new product, walk in coolers and freezers are constructed of metal clad panels-interior and exterior standard insulated with heavy density foamed in place polyurethane insulation. No wood is used in the insulated panels.

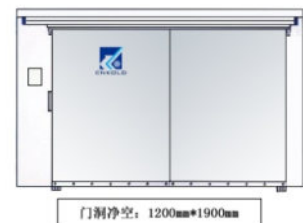
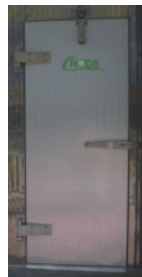
CNKOLD Walk in coolers and Freezers can be easily assembled by joining the tongue and groove polyurethane panels together with all steel cam action locking device. CNKOLD coolers and freezers are available in various dimensions depending on customers' requirements.

In order to coordinate the hygienic rule, CNKOLD coolers and freezers are equipped with the fillet, CNKOLD cooler and freezers' 90 C angels become coved, cause cleanly more convenient.



- ① Core corner 弧形周边
- ② Thick galvanized steel 厚镀锌板
- ③ Reinforcement structure (option) 内加强结构 (另选)
- ④ Polyurethane 聚氨酯甲酸乙酯绝缘材料
- ⑤ Excentric fasteners 离心钩
- ⑥ Thick galvanized steel 厚镀锌板

冷库门(Coldroom door):





CNAU HINGE

中澳冷库门门铰



YL-1450



ZW-1460



ZW-1470



YL-1238

YL-1230

YL-1238 & YL-1230



ZW-1220



YL-1432

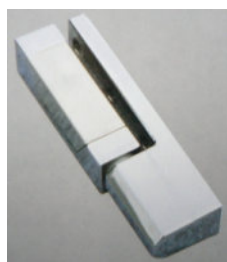


YL-1632

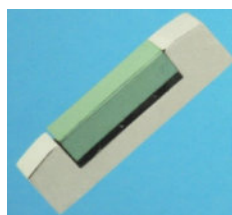


ZWUS 200

不锈钢液压闭门器
Close Door Machine



ZW-1132



YL-1330



YL-1332



YL-1336



YL-1336B

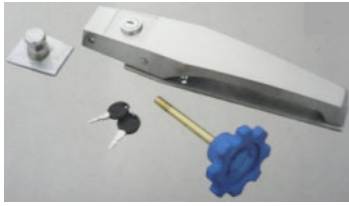
Material:High pressure die-cast zinc
Finish:Highly polished chrome plated

材质：高强度4-1锌铝合金
表面处理：表面抛光镀铬



CNAU LATCH

中澳冷库门锁



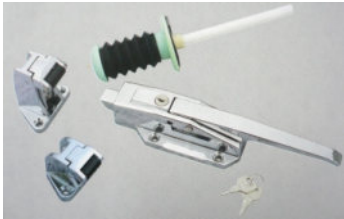
ZW-1630A



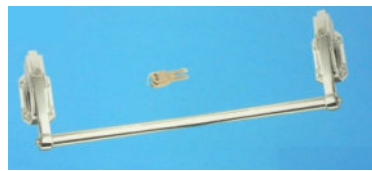
ZW-1630B



YL-1238L



ZW-1178/ZW-1178L



YL-621



YL-1200



YL-778



YL-1250



YL-1040



YL-1060



YL-1061



YL-1400

Material: High pressure die-cast zinc
Finish: Highly polished chrome plated

材质: 高强度4-1锌铝合金
表面处理: 表面抛光镀铬

水冷箱式工业冷水机
Industrial Water-cool system



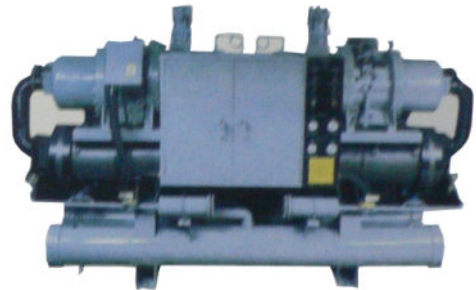
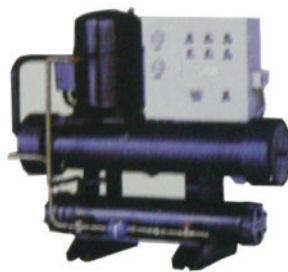
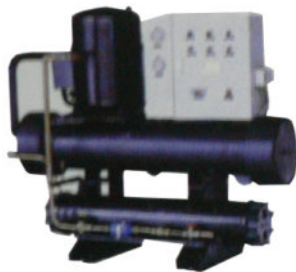
风冷箱式工业冷水机
Industrial Air-cool system



海鲜机 Seafood machine



水冷开放式工业冷水机
Industrial Water-cool system



海鲜机组 Seafood machine set



Protein Separator
(For fish tank)
蛋白质分离器



纯钛冷凝器
蒸发器
同轴冷凝器
Titanium condenser
Titanium Evaporator
Axial condenser





CNAU REFRIGERANTS & TOOLS

中澳制冷剂 and 工具



OILS & REFRIGERANTS 制冷剂 冷冻油



TOOLS & EQUIPMENT 仪表 and 工具类





CNAU Coaxial Coils

中澳同轴换热器



HELIX 螺旋型



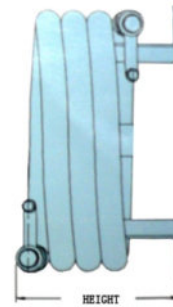
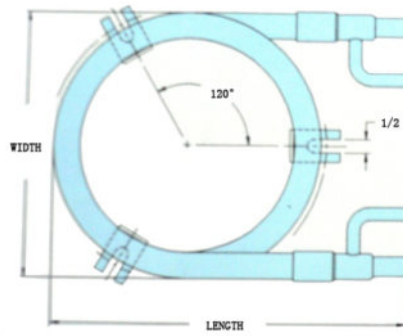
DOUBLE WOUND HELIX 双绕螺旋型



SPIRAL 盘旋型

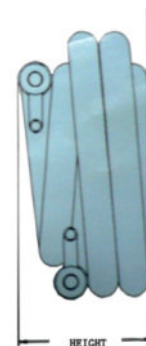
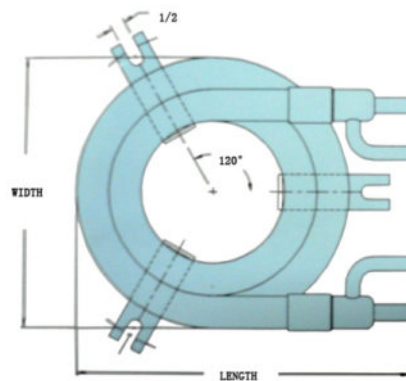


TROMBONE 长型



HELIX

| NOM. | MODEL | REFRIGERANT | WATER | DIMENSIONS 尺寸 | | |
|-------|-------------|-------------------|-------------------|---------------|--------|-------|
| TON | NO. | CONNECTION | CONNECTION | LENGTH | HEIGHT | WIDTH |
| | | IN/OUT (I. D.) mm | IN/OUT (O. D.) mm | mm | mm | mm |
| 冷吨 | 型号 | 制冷剂管进/出口尺寸 | 水管进/出口尺寸 | 长 | 宽 | 高 |
| 1/2 | CAAX-2051-H | 9.52 | 12.7 | 252.4 | 130.2 | 168.3 |
| 3/4 | CAAX-2076-H | 9.52 | 12.7 | 252.4 | 152.4 | 168.3 |
| 1 | CAAX-2101-H | 9.52 | 12.7 | 252.4 | 176.2 | 168.3 |
| 1-1/2 | CAAX-2151-H | 9.52 | 15.8 | 338.1 | 163.5 | 258.8 |

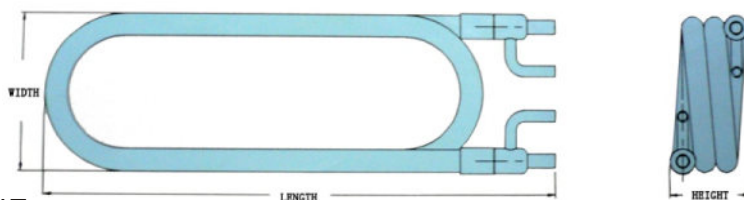




CNAU Coaxial Coils 中澳同轴换热器

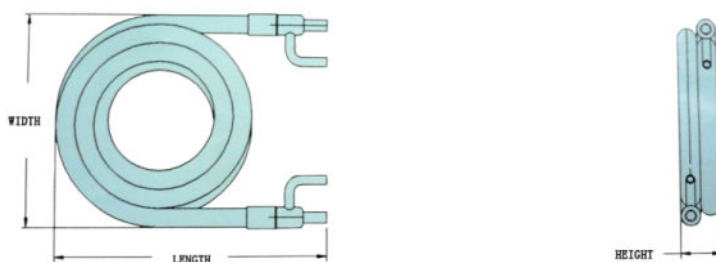


| NOM. TON | MODEL NO. | REFRIGERANT | WATER | DIMENSIONS 尺寸 | | |
|-------------|--------------|-------------------|-------------------|---------------|--------|-------|
| | | CONNECTION | CONNECTION | LENGTH | HEIGHT | WIDTH |
| | | IN/OUT (I. D.) mm | IN/OUT (O. D.) mm | mm | mm | mm |
| 冷吨 | 型号 | 制冷剂管进/出口尺寸 | 水管进/出口尺寸 | 长 | 宽 | 高 |
| 2 | CAAX-2201-J | 9.52 | 15.8 | 328.6 | 98.4 | 269.9 |
| 2-1/2 | CAAX-2251-J | 12.7 | 19 | 315.9 | 130.2 | 263.5 |
| 3 | CAAX-2301-J | 15.8 | 22.2 | 352.4 | 128.6 | 312.7 |
| 3-1/2 | CAAX-2351-J | 15.8 | 22.2 | 354 | 130.2 | 325.4 |
| 4 | CAAX-2401-J | 15.8 | 22.2 | 412.8 | 125.4 | 358.8 |
| 5 | CAAX-2501-J | 15.8 | 22.2 | 400 | 174.6 | 338.1 |
| 6 | CAAX-2601-J | 19 | 28.6 | 450.8 | 184.2 | 387.4 |
| 7-1/2 | CAAX-2751-J | 19 | 28.6 | 457.2 | 187.3 | 444.5 |
| 10 | CAAX-3001-S | 28.6 O.D. | 41.3 | 538.2 | 354 | 436.6 |



TROMBONE

| NOM. TON | MODEL NO. | REFRIGERANT | WATER | DIMENSIONS 尺寸 | | |
|-------------|--------------|-------------------|-------------------|---------------|--------|-------|
| | | CONNECTION | CONNECTION | LENGTH | HEIGHT | WIDTH |
| | | IN/OUT (I. D.) mm | IN/OUT (O. D.) mm | mm | mm | mm |
| 冷吨 | 型号 | 制冷剂管进/出口尺寸 | 水管进/出口尺寸 | 长 | 宽 | 高 |
| 1/2 | CAAX-2050-T | 9.5 | 12.7 | 368.3 | 47.6 | 152.4 |
| 3/4 | CAAX-2075-T | 9.5 | 12.7 | 465.1 | 47.6 | 177.8 |
| 1 | CAAX-2100-T | 9.5 | 12.7 | 573.1 | 47.6 | 177.8 |
| 1-1/2 | CAAX-2150-T | 9.5 | 15.9 | 501.7 | 79.4 | 155.6 |
| 2 | CAAX-2200-T | 9.5 | 15.9 | 573.1 | 79.4 | 180.9 |
| 2-1/2 | CAAX-2250-T | 12.7 | 19 | 622.3 | 88.9 | 212.7 |
| 3 | CAAX-2300-T | 15.9 | 22.2 | 635 | 98.4 | 219.1 |
| 3-1/2 | CAAX-2350-T | 15.9 | 22.2 | 635 | 125.4 | 263.5 |
| 4 | CAAX-2400-T | 15.9 | 22.2 | 727.1 | 125.4 | 263.5 |
| 5 | CAAX-2500-T | 15.9 | 22.2 | 792.2 | 136.5 | 295.3 |
| 6 | CAAX-2600-T | 19 | 28.6 | 687.4 | 188.9 | 298.5 |
| 7-1/2 | CAAX-2750-T | 19 | 28.6 | 817.6 | 203.2 | 301.6 |



SPIRAL

| NOM. TON | MODEL NO. | REFRIGERANT | WATER | DIMENSIONS 尺寸 | | |
|-------------|--------------|-------------------|-------------------|---------------|--------|-------|
| | | CONNECTION | CONNECTION | LENGTH | HEIGHT | WIDTH |
| | | IN/OUT (I. D.) mm | IN/OUT (O. D.) mm | mm | mm | mm |
| 冷吨 | 型号 | 制冷剂管进/出口尺寸 | 水管进/出口尺寸 | 长 | 宽 | 高 |
| 1 | CAAX-2100-S | 9.5 | 12.7 | 295.3 | 53.9 | 238.1 |
| 1-1/2 | CAAX-2150-S | 9.5 | 15.9 | 352.4 | 60.3 | 288.9 |
| 2 | CAAX-2200-S | 9.5 | 15.9 | 365.1 | 60.3 | 292.1 |
| 2-1/2 | CAAX-2250-S | 12.7 | 19 | 417.5 | 68.3 | 336.6 |
| 3 | CAAX-2300-S | 15.9 | 22.2 | 396.9 | 73 | 344.5 |
| 3-1/2 | CAAX-2350-S | 15.9 | 22.2 | 406.4 | 80.9 | 366.7 |
| 4 | CAAX-2400-S | 15.9 | 22.2 | 460.4 | 80.9 | 393.7 |
| 5 | CAAX-2500-S | 15.9 | 22.2 | 498.5 | 85.7 | 436.6 |
| 6 | CAAX-2600-S | 19 | 28.6 | 517.5 | 93.7 | 468.3 |
| 7-1/2 | CAAX-2750-S | 19 | 28.6 | 571.5 | 98.4 | 536.6 |
| 10 | CAAX-3000-S | 28.6 O.D. | 41.2 | 538.2 | 274.6 | 436.6 |

CNAU(中澳) CAAX-2xxx-x

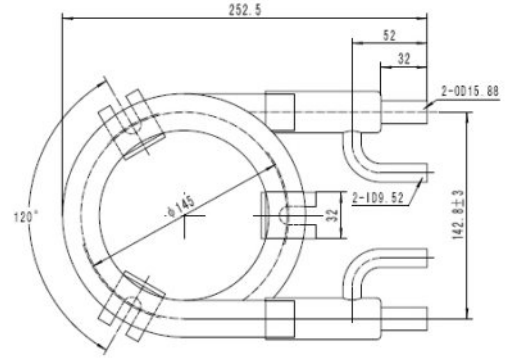
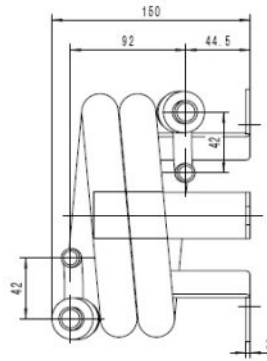
A-Copper inner tube, steel shell 内为铜, 外壳为钢
 C-Cupronickel inner tube, steel shell 内为白铜, 外壳为钢

H-Helix
 J-Double-Wound Helix
 S-Spiral
 T-Trombone

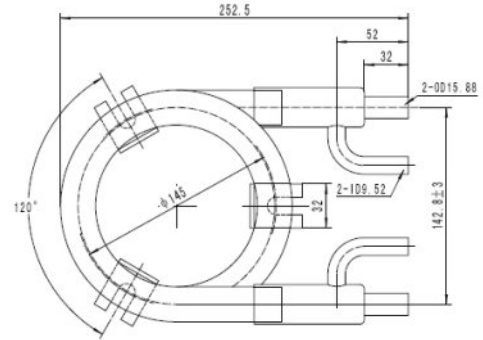
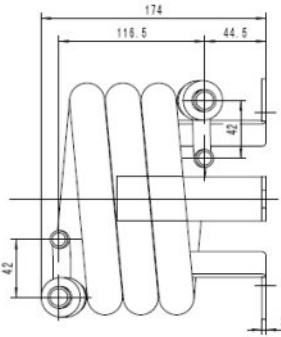
Nominal Ton X 100
 Add 1 to last digit to designate unit with mounting bracket.



CNAU Coaxial Coils
中澳同轴换热器



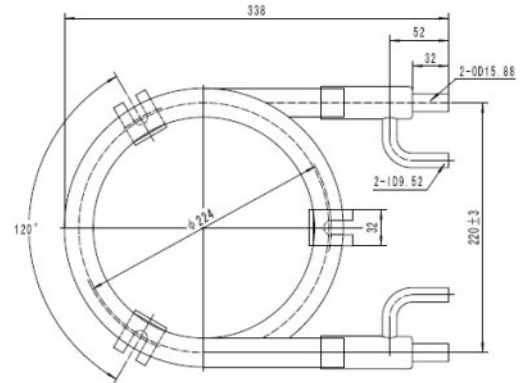
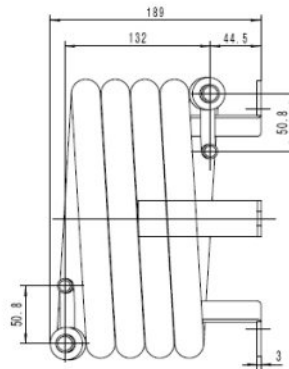
CA-006SN



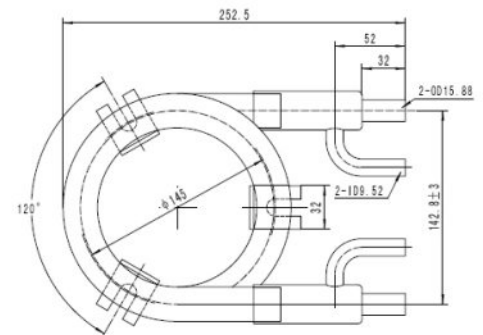
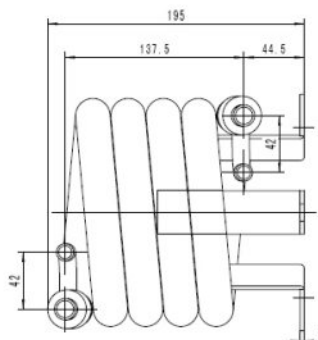
CA-009SN

1. 制冷侧经500PSIG (3.45Mpa), 三分钟气密性试验, 无泄露;
2. 水侧经400PSIG (2.76Mpa), 三分钟气密性试验, 无泄露;
3. 内部清洁干燥, 无杂质、无灰尘、油污;

4. 制冷侧内用橡胶堵头封压0.1Mpa干燥氮气保压;
5. 各口端圆整, 无氧化;
6. 外管为钢管, 内管为白铜管;
7. 外表面涂白色漆.



CA-018SN



CA-012SN

BOAT MAGNETIC DRIVE PUMP

船用MD 系列水泵



- | | |
|---|--|
| <ol style="list-style-type: none"> 1. Design without axle sleeve, liquid passing through is sealed well without leakage. 2. Extraordinary high lift and large flow. 3. Anti-corrosion design, extensively used for industrial and aquariums. 4. Heavy-duty, durable and reliable. 5. In-line use only. | <ol style="list-style-type: none"> 1. 采用无轴封设计, 泵体完全密封, 液体不会外泄。 2. 扬程高、流量大、抗腐蚀。 3. 广泛应用于工业及水族等行业。 4. 持久、耐用、可靠的性能。 5. 不可空载使用(须在有水的情况下运行)。 |
|---|--|

| MODEL | VOLTAGE | FREQUENCY | POWER | Qmax. | | Hmax. | | INLET DIAMETER | | OUTLET DIAMETER | |
|-------|----------|-----------|-------|----------|----------|-------|--------|----------------|---------------------|-----------------|---------------------|
| 型号 | 电压 | 频率 | 功率 | 最大流量 | | 最高扬程 | | 进口尺寸 | | 出口尺寸 | |
| MD-30 | 220-240V | 50Hz | 45W | 2400 l/h | 635gph. | 2.9m | 9.5ft | Ø26mm | Ø1 _{1/4} " | Ø26mm | Ø1 _{1/4} " |
| | 220-240V | 60Hz | 55W | 3000 l/h | 794gph. | 4.0m | 13.0ft | | | | |
| | 100-120V | 60Hz | 55W | 3000 l/h | 794gph. | 4.0m | 13.0ft | | | | |
| MD-40 | 220-240V | 50Hz | 45W | 3120 l/h | 825gph. | 3.5m | 11.5ft | Ø26mm | Ø1 _{1/4} " | Ø26mm | Ø1 _{1/4} " |
| | 220-240V | 60Hz | 65W | 3720 l/h | 984gph. | 4.8m | 15.7ft | | | | |
| | 100-120V | 60Hz | 65W | 3120 l/h | 825gph. | 4.4m | 14.4ft | | | | |
| MD-55 | 220-240V | 50Hz | 100W | 3000 l/h | 794gph. | 6.0m | 19.7ft | Ø26mm | Ø1 _{1/4} " | Ø26mm | Ø1 _{1/4} " |
| | 220-240V | 60Hz | 120W | 4320 l/h | 1143gph. | 8.0m | 26.2ft | | | | |
| | 100-120V | 60Hz | 120W | 4320 l/h | 1143gph. | 8.0m | 26.2ft | | | | |
| MD-70 | 220-240V | 50Hz | 150W | 5160 l/h | 1365gph. | 6.7m | 22.0ft | Ø26mm | Ø1 _{1/4} " | Ø26mm | Ø1 _{1/4} " |
| | 220-240V | 60Hz | 180W | 5820 l/h | 1540gph. | 9.7m | 31.8ft | | | | |
| | 100-120V | 60Hz | 135W | 4680 l/h | 1238gph. | 8.5m | 27.9ft | | | | |



CNAU AIR DIFFUSER

中澳船用风咀

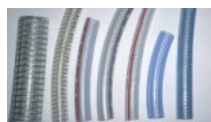
木风咀 出风/回风 AIR IN/AIR OUT 柚木 Teak 樱桃木 Cherry 榉木 European Beech



铝风咀/导风管/导风引管口 Grill plenum Box plenum Hose Adaptor



水管及工具



胶管钳子



胶管喉箍及螺丝刀



套装水車

产品尺寸请与公司联系
size of the parts pls contact with our company



CNAU BOAT CONDENSING UNITS

中澳船用机组

