



DUAL PISTON REFRIGERANT RECOVERY UNIT

REFRIGERANT RECOVERY MACHINES | Competitive Matrix

| | F6 [®] F6-DP | APPION G1 | APPION G5 TWIN | CPS CR700 | CPS TR21 | CPS TR600 | PROMAX / ROBINAIR RG 6000 | PROMAX / ROBINAIR RG 3000 | BACHARACH ECO 2020 | YELLOW JACKET LTE | MASTERCool 69000 | REFCO ENVIRO DUO | REFCO POWERMAXX |
|--------------------------------------|---|---|---|---------------------------|--|-------------------------------------|---|---------------------------|---|---|---|---|---|
| COMPRESSOR TYPE | Twin head, dual-valve poppet style | Single cylinder | Twin head, dual-valve horizontal poppet style | Dual-valve poppet style | Twin head, dual-valve in line poppet style | Twin head, dual valve in line style | Twin head, dual-valve horizontal poppet style | Single cylinder | Twin head, dual-valve horizontal poppet style | Twin head, dual-valve horizontal poppet style | Twin head, dual-valve horizontal poppet style | Twin head, dual-valve horizontal poppet style | Twin head, dual-valve horizontal poppet style |
| CONDENSER TYPE | Micro channel condenser | Aluminum fin, copper tube | 2 separate small Aluminum fin, copper tube | Aluminum fin, copper tube | None, have to buy separate | Aluminum fin, copper tube | Aluminum fin, copper tube | Aluminum fin, copper tube | Aluminum fin, copper tube | Aluminum fin, copper tube | Aluminum fin, copper tube | Aluminum fin, copper tube | Aluminum fin, copper tube |
| MOTOR SIZE | 1 HP | 1/2 HP | 1/2 HP | 1 HP, AC | 1 HP | 2/3 HP | 3/4 HP | 1/3 HP | 1 HP | 1/2 HP | 1/2 HP | 3/4 HP | 1 HP |
| WARRANTY | 3 year over the counter | 1 year | 1 year | 1 year | 1 year | 1 year | 1 year over the counter | 1 year over the counter | 1 year over the counter | 1 year | 1 year | 2 year "limited" | 2 year "limited" |
| CIRCUIT BREAKER | Yes | No | No | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes | Yes |
| ORIGIN | US engineered, designed and tested. Manufactured under contract in China | Components made in Taiwan; assembled in USA | Components made in Taiwan; assembled in USA | China | "Assembled in USA" | "Assembled in USA" | China | China | China, private label from Value | "Assembled in USA" | USA | USA | USA |
| KNOB TYPE | Metal | None | Plastic | Plastic | No Manifold | Plastic | Plastic | Plastic | Plastic | Metal | Plastic | Plastic | Plastic |
| GAUGE SIZE | 1.780 in (45.2 mm) | 1.321 in (33.56 mm) | 1.321 in (33.56 mm) | 1.875 in (47.63 mm) | None | 2 in (50 mm) | 2.406 in (61.12 mm) | Unknown | 1.767 in (44.90 mm) | 2.192 in (55.68 mm) | Unknown | Unknown | Unknown |
| NUMBER OF GAUGES | 2 | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 |
| GAUGES EASILY CHANGED? | Yes | Yes | Yes | No | No Gauges | No | No | No | No | No | No | No | No |
| SELF-PURGE | Yes | No | No | Yes | No | No | Yes | No | Yes | No-requires switching of hose | Yes | Yes | Yes |
| WEIGHT | 30 lbs (13 kg) | 22 lbs (10 kg) | 26 lbs (12 kg) | 36 lbs (16 kg) | 24.3 lbs (11 kg) | 28 lbs (13 kg) | 27 lbs (12 kg) | 18 lbs (8 kg) | 28.5 lbs (13 kg) | 24 lbs (11 kg) | 38 lbs (17 kg) | 35 lbs (16 kg) | 22 lbs (10 kg) |
| FILTER PROVIDED | Yes | No | No | No | No | No | No | No | Yes | No | No | No | No |
| SHOULDER CARRYING STRAP INCLUDED? | Yes | No | No | Yes | No | No | No | No | Yes | No | Unknown | No | No |
| DETACHABLE / REPLACEABLE POWER CORD? | Yes | No | No | Yes | Yes | No | Yes | Yes | Yes | No | No | Yes | Yes |

** Rates lb./min (kg/min)

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DUAL PISTON REFRIGERANT RECOVERY UNIT

THE NEW F6 DUAL PISTON RECOVERY UNIT RECOVERS REFRIGERANT AT INDUSTRY LEADING SPEEDS AND IS BACKED BY AN UNSURPASSED 3 YEAR OTC WARRANTY.

- MICRO-CHANNEL CONDENSER FOR INDUSTRY LEADING RECOVERY RATES
- POWERFUL DUAL PISTON COMPRESSOR
- THREE YEAR OVER-THE-COUNTER WARRANTY
- FULL ONE HORSEPOWER MOTOR
- OVER-SIZED COOLING FAN FOR SUPERIOR HEAT DISSIPATION
- SELF-PURGE WITHOUT CHANGING HOSES
- HEAVY DUTY HANDLE WITH COMFORTABLE RUBBER GRIP
- SIMPLE TWO-VALVE OPERATION



REFRIGERANT RECOVERY MACHINES | Competitive Matrix

| | F6 [®] F6-DP | APPION G1 | APPION G5 TWIN | CPS CR700 | CPS TR21 | CPS TR600 | PROMAX / ROBINAIR RG 6000 | PROMAX / ROBINAIR RG 3000 | BACHARACH ECO 2020 | YELLOW JACKET XLT 95760 | YELLOW JACKET LTE | MASTERCool 69000 | REFCO ENVIRO DUO |
|------------------------------------|-----------------------|--------------|--------------------------|--------------|---------------|----------------|---------------------------|---------------------------|--------------------|-------------------------|-------------------|--|------------------|
| EPA CERTIFIED RATES | UL | UL | UL | UL | UL | UL | UL | UL | AHRI | UL | UL | UL | Not listed |
| PUSH / PULL LIQUID RECOVERY RATE** | 15.01 (6.82) | 10.80 (4.90) | 16.62 (7.54) | 15.81 (7.17) | 31.52 (14.30) | 31.52 (14.30) | 15.72 (7.13) | 9.10 (4.13) | 11.40 (5.17) | 13.49 (6.12) | 9.17 (4.16) | DATA NOT SPECIFIED PER REFRIGERANT TYPE MASTERCool RATED, AS UP TO 12 LB/MIN (5.5 KG/MIN) | 11.66 (5.29) |
| | 10.4 (4.73) | 9.44 (4.28) | 15.87 (7.20) | 13.89 (6.3) | 25.66 (11.64) | 125.66 (11.64) | 11.13 (5.05) | 7.47 (3.39) | 10.89 (4.94) | 13.49 (6.12) | --- | | 9.30 (4.22) |
| | 15.25 (6.93) | 12.17 (5.52) | 20.50 (9.3) | 15.37 (6.97) | 31.70 (14.30) | 31.70 (14.38) | 16.76 (7.60) | 15.25 (6.93) | 15.85 (7.19) | 12.21 (5.54) | 10.91 (4.95) | | 16.71 (7.58) |
| | 13.5 (6.14) | 11.33 (5.14) | 17.61 (7.99) | 15.40 (6.04) | 29.14 (13.22) | 29.14 (13.22) | 16.01 (7.26) | 9.26 (4.20) | --- | --- | 10.05 (4.56) | | --- |
| LIQUID RECOVERY RATE** | 8.0 (3.64) | 8.55 (3.88) | 10.36 (4.7) | 6.86 (3.11) | 7.36 (3.34) | 7.36 (3.34) | 7.78 (3.53) | 1.90 (0.86) | 6.35 (2.88) | 1.98 (0.90) | 6.83 (3.10) | DATA NOT SPECIFIED PER REFRIGERANT TYPE MASTERCool RATED, AS UP TO 2.5 LB/MIN (1.4 KG/MIN) | 4.30 (1.95) |
| | 5.1 (2.32) | 5.20 (2.36) | 8.16(3.7)/+ 10.14(4.6) | 4.74 (2.15) | 5.67 (2.57) | 5.67 (2.57) | 5.05 (2.29) | 1.73 (0.79) | 4.52 (2.05) | 1.98 (0.90) | --- | | 4.10 (1.86) |
| | 10.6 (4.8) | 4.32 (1.96) | 3.48 (1.58) | 6.50 (2.95) | 8.07 (3.66) | 7.54 (3.42) | 6.04 (2.74) | 1.47 (0.67) | 5.71 (2.59) | 1.68 (0.76) | 9.27 (4.20) | | 5.63 (2.56) |
| | 7.8 (3.55) | 5.84 (2.65) | 7.01 (3.18) | 6.04 (2.74) | 7.54 (3.42) | 8.07 (3.66) | 6.94 (3.15) | 1.47 (0.67) | --- | --- | 7.53 (3.42) | | --- |
| VAPOR RECOVERY RATE** | 0.55 (0.25) | 0.27 (0.12) | 0.62 (0.28) | 0.49 (0.22) | 0.59 (0.27) | 0.59 (0.27) | 0.55 (0.25) | 0.20 (0.09) | 0.55 (0.25) | 0.33 (0.15) | 0.37 (0.17) | DATA NOT SPECIFIED PER REFRIGERANT TYPE MASTERCool RATED, AS UP TO 0.75 LB/MIN (.50 KG/MIN) | 0.49 (0.22) |
| | 0.47 (0.21) | 0.22 (0.10) | 0.44 (0.20)/++0.46(0.21) | 0.33 (0.15) | 0.49 (0.22) | 0.49 (0.22) | 0.40 (0.18) | 0.18 (0.08) | 0.46 (0.21) | 0.33 (0.15) | --- | | 0.35 (0.16) |
| | 0.48 (0.22) | 0.27 (0.12) | 0.55 (0.25) | 0.51 (0.23) | 0.70 (0.32) | 0.70 (0.32) | 0.35 (0.16) | 0.15 (0.07) | 0.55 (0.25) | 0.48 (0.22) | 0.35 (0.16) | | 0.33 (0.15) |
| | 0.52 (0.24) | 0.30 (0.14) | 0.55 (0.25) | 0.46 (0.21) | 0.53 (0.24) | 0.53 (0.24) | 0.53 (0.24) | 0.18 (0.21) | --- | --- | 0.30 (0.14) | | --- |
| HIGH TEMP VAPOR RECOVERY RATE** | 0.58 (0.26) | 0.30 (0.14) | 0.42 (0.19) | 0.53 (0.24) | 0.86 (0.39) | 0.86 (0.39) | 0.46 (0.21) | 0.22 (0.10) | 0.60 (0.27) | --- | 0.28 (0.13) | Not Listed | 0.46 (0.21) |
| | 0.93 (0.42) | --- | --- | --- | 0.82 (0.37) | 0.82 (0.37) | --- | --- | --- | --- | --- | --- | --- |

** Rates lb./min (kg/min)

R-22 R-134a R-407C R-410A



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