



# DUAL PISTON REFRIGERANT RECOVERY UNIT

## REFRIGERANT RECOVERY MACHINES | Competitive Matrix

	F6 <sup>®</sup> 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 G9000	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)	15.80 (7.17)	31.52 (14.30)	15.01 (6.82)	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)	11.09 (5.03)	13.89 (6.3)	25.66 (11.64)	10.4 (4.73)	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)	10.20 (4.63)	15.37 (6.97)	31.70 (14.30)	31.70 (14.30)	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)	6.22 (2.82)	6.86 (3.11)	8.86 (4.02)	15.01 (6.82)	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)	4.34 (1.97)	4.74 (2.15)	7.80 (3.54)	10.4 (4.73)	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)	11.94 (5.41)	11.94 (5.41)	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)	9.50 (4.31)	9.5 (4.31)	6.94 (3.15)	1.47 (0.67)	---	---	7.53 (3.42)		---
VAPOR RECOVERY RATE**	0.55 (0.25)	0.27 (0.12)	0.68 (0.28)	0.49 (0.22)	0.59 (0.27)	0.49 (0.22)	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)	0.42 (0.19)	0.33 (0.15)	0.49 (0.22)	0.33 (0.15)	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)	0.46 (0.21)	0.22 (0.10)	0.60 (0.27)	---	0.28 (0.13)	Not Listed	0.46 (0.21)
	0.93 (0.42)	---	---	---	---	---	---	---	---	---	---	---	---

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

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

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