

THE ULTIMATE IN DEPENDABILITY



TR700 BLACKMAX® REFRIGERANT RECOVERY MACHINE

Designed for residential and commercial refrigeration systems, the BlackMax TR700 Series are the industry's best-performing refrigerant recovery machines incorporating non-restrictive piston manifold valves, a powerful two cylinder oil-less reciprocating compressor and twin fans. The resulting system provides superior airflow and condensing, which maximizes speed in both direct liquid and direct vapor recovery.

FEATURES:

- Powerful 2 cylinder, 2/3 HP oil-less reciprocating compressor
- Exceptional compressor, condensing and cooling systems allow fast recovery in high temperature environments
- Automatic low pressure shut-off feature turns unit off when recovery is complete
- Rugged high density, double-wall, contemporary plastic housing with easy-view top mounted controls
- R-410a ready with 550 psi high pressure shut-off switch
- Ergonomic well balanced design for easy transport (includes shoulder strap)
- Built-in, removable, replaceable suction filter located under suction port
- Compact design with easy 4 bolt access

- Externally serviceable valves and gauges
- Integrated component mounts for quiet operation
- Less parts provide greater reliability
- Designed by CPS Products, Inc. in USA

REPLACEMENT PARTS

- TR21X1 Valve Rebuild Kit
- TR21X2 Complete Rebuild Kit
- TR21X3 Piston/Connecting Rod
- TR21X5 Eccentric Crank Set
- CRXF3 (6) Suction Filters

		BLACKMAX® TR700 SERIES			PRO-SET® TR600 SERIES			PRO-SET® TR21 SERIES			TECH-SET® TR19 SERIES
		TR700	TR700C	TR700E	TR600K	TR600E	TR600	TR21	TR21E	TR21	TR19K
Voltage (Hz)		115V (60 Hz)		220-240V (50 Hz)	220V (50 Hz) 230V (60 Hz)	220-240V (50 Hz)	115V (60 Hz)	115V (60 Hz)	220-240 V (50Hz)	115V (60Hz)	220-240 V (50-60 Hz)
Motor Size		2/3 HP			2/3 HP		2/3 HP	2/3 HP			1/2 HP
Display		Twin Gauge			Twin Gauge		Twin Gauge	NA			NA
Overload Protection		15 Amp	13 Amp	10 Amp	10 Amp	10 Amp	10 Amp	✗	10 Amp	✗	✗
Power Consumption		1000 W			1000 W			1000W			550W
High Pressure Shut-Off		550 psig (38 bar)	450 psig (31 bar)	38 bar	550 psig (38 bar)	36 bar	550 psig (38 bar)	550 psig Auto Reset	36 bar	550 psig Auto Reset	
Manual Reset Button		✗	✗	✓	✗	✓	✗	✗	✓	✗	✗
Ignition Proof Design		✗	✗	✗	✗	✗	✓	✗	✗	✓	✗
Suction Pressure Gauge	Outer Scale	-30 ~ Hg to 500 psig		-1 to 20 bar	-30 ~ Hg to 500 psig	3500 kPa	-30 ~ Hg to 500 psig	No Gauges			No Gauges
	Inner Scale	-76 cm Hg to 35 kg/cm		115V (60Hz)	-76 cm Hg to 35 kg/cm	35 bar	-30 ~ Hg to 500 psig	No Gauges			No Gauges
Discharge Pressure Gauge	Outer Scale	0 to 1000 psig		0 to 70 bar	0-550 psig	3800 kPa	0-550 psig	No Gauges			No Gauges
	Inner Scale	0 to 70 kg/cm		0 to 7000 kPa				No Gauges			No Gauges
ASHRAE Refrigerant Code		A1	A1	A1	A1	A1	A1, A2, A2L, A3	A1	A1	A1, A2, A2L, A3	A1
Power Cord Length		6' (1.82 m) Detachable	6' (1.82 m) Detachable	6' (1.82 m) Detachable	3.5 ft (1.06 m)	3.5 ft (1.06 m)	9.8 ft (3.0 m)	6 Ft.			6 Ft.
Dimensions		9.75" x 21" x 14.0" (24.7 cm x 53.3 cm x 35.6 cm)			8.5" x 16.7" x 12.3" (21.6 cm x 42.4 cm x 31.2 cm)			6" x 12" x 9" (15cm x 30cm x 23cm)			
Weight		32 Lb (14.5 kg)			28 Lb (12.7 kg)		28 Lb (12.7 kg)	24.3 lb (11.0 kg)			

IGNITION PROOF



TRS600

PRO-SET® IGNITION PROOF REFRIGERANT RECOVERY MACHINE FOR CLASS A1, A2, A2L, A3 REFRIGERANTS

- Designed and tested to meet ANSI 12:12.01 Ignition proof standards
- Powerful 2/3 HP oil-less 2 cylinder reciprocating recovery compressor
- Exceptional compressor, condensing and cooling systems allow fast recovery in high temperature environments
- Maintenance free oil-less compressor
- Permanently lubricated and sealed main bearings
- Ignition proof power switch
- Sealed start relay
- Hard wired 9.8 ft. (3m) power cord
- 550 psi high pressure shut-off switch
- Durable inlet and outlet ball valve construction with 1/4 turn gauges
- Integrated component moorings for quiet operation
- High impact injection molded housing
- Ergonomic well balanced design for easy transport
- No tool access suction fitting for easy filter clean/change
- Quiet operation
- Designed by CPS Products, Inc. in USA



Ignition proof power switch



High pressure shut off indicator

REPLACEMENT PARTS

- TR21X1 Valve Rebuild Kit
- TR21X2 Complete Rebuild Kit
- TR21X3 Piston/Connecting Rod
- TR21X4 Complete Head Replacement
- TR21X5 Eccentric Set



TRS21

PRO-SET® IGNITION PROOF REFRIGERANT RECOVERY MACHINE FOR CLASS A1, A2, A2L, A3 REFRIGERANTS

- Designed and tested to meet ANSI 12:12.01 Ignition Proof standards
- Ignition proof ON-OFF switch
- Sealed start relay
- Maintenance free oilless compressor
- Permanently lubricated and sealed main bearings
- Improved piston seal design for less leakage and deeper vacuum
- 550 Psig high pressure cutoff switch with LED indicator
- Cleanable 100 mesh inlet filter
- Fastest recovery rates in its class
- Multi-language color box

REPLACEMENT PARTS

- TR21X1 Valve Rebuild Kit
- TR21X2 Complete Rebuild Kit
- TR21X3 Piston/Connecting Rod
- TR21X4 Complete Head Replacement
- TR21X5 Eccentric Set