

BLACKMAX®

TR700 SERIES REFRIGERANT RECOVERY MACHINES

INTRODUCING THE ALL NEW BLACKMAX® TR700 SERIES

The ultimate in dependability.

Designed for servicing residential and commercial refrigeration systems, the BlackMAX® TR700 is the industry's best-looking and best-performing refrigerant recovery machine 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.

- **Designed with high temperature materials**
- **High strength bourdon tubed gauges**
- **Twin fan design for ultra cool operation**
- **Simple inlet and outlet valve blocks**
- **2 year warranty**

Key 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 and assembled in U.S.A. with U.S. and globally sourced components
- Worldwide patents pending



TR700 shown above



CPS Global Headquarters
 1010 East 31st Street Hialeah, Florida 33013 USA www.cpsproducts.com
For more information call: In the U.S.A. (800) 277-3808 In Canada (905)358-3124
In Europe 323 281 30 40 In Australia 61 8 8340 7055 In Asia 65 6 337 5691

CPS reserves the right to make changes to, or discontinue any product or service identified in this publication without notice. CPS advises its customers to ensure they have obtained the latest and most current version of any relevant information before placing any orders. ©2015 CPS PRODUCTS. ALL RIGHTS RESERVED.



Specifications

Attribute	TR700	TR710	TR700C	TR710C	TR700JUK	TR700J	TR700S	TR710S	TR700E
Voltage	115V (60 Hz)				115V (50/60 Hz)	100V (50/60 Hz)	220-240V (50 Hz)		
Motor Size (Horsepower)	2/3 HP								
Overload Protection	15 Amp						10 Amp		
Power Consumption	1000 Watts								
Tank Overfill Switch	x	✓	x	✓	x			✓	x
High Pressure Reset Button	x	x	x	x	x	x	x	x	✓
Suction Pressure Gauge	Outer Scale	-30" hg to 500 psig			-1 to 20 bar	-0.1 To 3.5 MPA	-30" hg to 500 psig		-1 to 20 bar
	Inner Scale	-76 cm hg to 35 kg/cm			-100 to 2000 kPa		-76 cm hg to 35 kg/cm		-100 to 2000 kPa
Discharge Pressure Gauge	Outer Scale	0 to 1000 psig			0 to 70 bar	0 To 5.5 Mpa	0 to 1000 psig		0 to 70 bar
	Inner Scale	0 to 70 kg/cm			0 to 7000 kPa		0 to 70 kg/cm		0 to 7000 kPa
High Pressure Shut Off	550 psig		450 psig		38 bar	3.8Mpa	550 psig		38 bar
	38 kg/cm		31 bar				38 kg/cm		
Refrigerants	R-12, R-22, R-134a, R-401A/B/C, R-402A/B, R-404A, R-406A, R-407A/B/C/D/E/F, R408A, R-409A, R-410A, R-411A/B, R-412A, R-500, R-502, R-507 See CPS Website for updated listing.								
Operating Temperature Range	32°F to 120° (0°C to 49° C)								
Power Cord Length, Type	6' (1.82 m) Detachable								
Dimensions (W x L x H)	Inch: 9.75" x 21" x 14.0" (Cm: 24.7x 53.3x 35.6)								
Weight	32 Lbs (14.5 kg)								
Approvals	UL, CSA. Meets Or Exceeds EPA Regulations per ARI Standard 740-98								
Warranty (Years)	1								

*Verified UL Flow Rate @ 60Hz (Reduce 15% for all 50Hz models)

Refrigerant	Direct Vapor	Direct Liquid	Push - Pull Liquid	High Temp Vapor Rate
R410a	.70 lb/min (0.32 kg/min)	11.94 lb/min (5.41 kg/min)	31.7 lb/min (14.3 kg/min)	n/a
R22	.59 lb/min (0.27 kg/min)	8.86 lb/min (4.02 kg/min)	31.52 lb/min (14.3 kg/min)	0.39 lb/min (17 kg/min)
R134a	.49 lb/min (0.22 kg/min)	7.8 lb/min (3.54 kg/min)	25.66 lb/min (11.64 kg/min)	n/a
R407c	.53 lb/min (0.24 kg/min)	9.50 lb/min (4.31 kg/min)	29.14 lb/min (13.22 kg/min)	n/a

*Evaluated for performance in accordance with Sec. 608 of the Clean Air Act (Feb 29, 1996) using AHRI-740-98 test methods. Results shown available at database.ul.com.