

CPS ATR500E Recovery Machine

TO7033 (Model ATR500E) includes Oil Separator and Drier

CoolDrive is pleased to announce the introduction of the new ATR500E series recovery unit. The new ATR500E incorporates the TR recovery technology which means a greater recovery speed on liquid (up to 3.79 kg/min) and vapour (up to 145 gms/min). This unit replaces the AR500E (TO3203) and although the ATR500E looks the same as the AR500E it is quite different under the cover with a much bigger motor designed for speed. The AR500E series range transformed from the highly successful release of the TR21E (TO4021) and TRA21E (TO4022) series, an innovative, truly oil-less recovery unit that is built for speedy recovery.



ELECTRICAL	
Voltage, Hertz	220-240VAC, 50Hz
Watts	500
Motor Horsepower	1/3
Overload Protection	5A Thermal Breaker
REFRIGERANTS	
Class III	R-12, R-22, R-134A, R-401B,
Class IV	R-402A/B, R-404A, R-407A/B/C/D,
Class V	R-408A, R-409A, R-410A, R-411A/B,
	R-412A, R-502, R-507, R-509
Cleanable Suction Port Filter	Yes
GAUGES	
Gauge Scale (Use Existing Gauges)	Outer: bar; Inner: kPa
High Pressure Shut-Off	38 bar Manual Reset
Suction Gauge Range	Outer: 0 to 55 bar; Inner: 0 to 5500 kPa
Discharge Gauge Range	Outer: -1 to 20 bar; Inner: -100 to 2000 kPa
OIL SEPARATOR AND DRIER	
Oil Separator	TO3233 (CRXOS1)
Drier	TO3229 (ARXF2)
Oil Separator and Drier Assembly	TO0403 (CRXOS2)
AGENCY	
Approvals	TUV, CE, C-Tick
Operating Temp Range	32 °F to 120 °F (0°C to 49°C)
WARRANTY	
Duration	1 Year
Country Of Origin Statement	Designed & manufactured in USA with US & globally sourced components

HOUSING		
Construction	1 Piece Molded Plastic, with Aluminium Chassis	
Weight	25 Lbs (9.07 kg)	
Height	12" (304.8 mm)	
Width	8" (203.2 mm)	
Length	14.5" (368.3 mm)	
Fan (100 CFM, 4" Dia.)	Yes	
Oil-Less Compressor	Yes	
Cylinders	2	
Built In Condenser	Yes	
FLOW RATES (Same As TR19), kg/min		
Vapour Rate	0.124	R-410A
Liquid Rate	3.790	
Liquid Push-Pull	11.000	
Vapour Rate	0.141	R-22
High Temp Vapour Rate	0.127	
Liquid Rate	3.160	
Liquid Push-Pull	11.000	R-134A
Vapour Rate	0.132	
Liquid Rate	1.950	
Liquid Push-Pull	9.370	R-407C
Vapour Rate	0.145	
Liquid Rate	3.010	
Liquid Push-Pull	10.710	
Notes: Above (TR19) flow rates evaluated for performance in accordance with Sec. 608 of the Clean Air Act (Feb 29, 1996) using AHRI-740 test methods. Results available at database.ul.com		