

# CPS TR500E Recovery Machine

## TO7021 (Model TR500E)

CoolDrive is pleased to announce the introduction of the new TR500E series recovery unit. The new TR500E 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 CR500E (TO3221) and although the TR500E looks the same as the CR500E it is quite different under the cover with a much bigger motor designed for speed. The TR500 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 <i>(Use Existing Gauges)</i>	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
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	
<b>Notes:</b> 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		