

Technical Information

Evaporator		Emissions	
Max rotor speed	1415 rpm	Noise (@ 1 metre)	65 dB(A)
Max load per swing	1.5 kg	Exhaust hose (supplied)	6 mm ID / 8 mm OD
Max operational imbalance	80g	Electrical	
Dimensions (W x D x H)	660 x 710 x 840 mm	Supply	230 V 50 Hz/208 V 60 Hz
Weight (approx) ¹	193.3 kg	Max supply input	1500A
Vacuum Pump (Remote)		Power Consumption	
Type	Oil-free Scroll	Current (A) at unit voltage	
Ultimate system vacuum	< 0.4 mbar	HT-6	HT-12
Dimensions (W x D x H)	432 x 282 x 302 mm	Supply 1	Peak: 21 26
Weight	26.2 kg	Running:	19 22
Vacuum hose/control cable	3 m	Storage/Transportation Environment	
Condenser		Ambient Temperature	0 °C - 40 °C ³
Type	Dual-stage vapour compression	Relative humidity	10-80% non-condensing
Refrigerant gas - stage 1	R449A	Store upright at all times	
Refrigerant charge - stage 1	320 g	Operational Environment	
Refrigerant GWP - stage 1	1,397	Ambient temperature	15 °C to 30 °C
Refrigerant CO ₂ e - stage 1	0.5 tonnes	Relative humidity	10-80% non-condensing
Refrigerant gas - stage 2	R170	Altitude	Sea-level to 1600 m
Refrigerant charge - stage 2	41 g	Min. ventilation air-gap	70 mm
Refrigerant GWP - stage 2	6	Installation environment	Indoor only
Refrigerant CO ₂ e - stage 2	< 0.001 tonnes	Static-dissipative laboratory or similar	
Total CO ₂ equivalent (CO ₂ e)	0.5 tonnes	Solvent Capacity & ACC Range	
Ultimate low temperature ²	-75 °C	Maximum solvent capacity	4.5L
Max Pressure (PS)	30 bar	Refrigeration ACC range: 100°C.	
Inert Gas Supply Requirements			
Max. Pressure	2 bar g (3 bar absolute)	Max Consumption (Purge)	120 litres approx.
Min. Pressure	1.5 bar g (2.5 bar abs.)	Max Cons. (Blanket)	60 litres/hour approx.
Flow Rate (nominal)	50 litres/min @ STP	Connector Type	¼" BSP female
Hose Length	2.5 m		

¹ varies with build options.

² Ultimate low temperature; operational values may vary.

³ -10 °C permissible during transport (only).