

RV8 ROTARY VANE PUMP

9.7 m³h⁻¹, 5.7 ft³min⁻¹, 162.7 l min⁻¹



TECHNICAL DATA

Displacement	
50 Hz operation	9.7 m ³ h ⁻¹ / 5.7 ft ³ min ⁻¹
60 Hz operation	11.7 m ³ h ⁻¹ / 6.9 ft ³ min ⁻¹
Speed (Pneurop 6602)	
50 Hz operation	8.5 m ³ h ⁻¹ / 5 ft ³ min ⁻¹
60 Hz operation	10 m ³ h ⁻¹ / 5.9 ft ³ min ⁻¹

GAS BALLAST	ULTIMATE VACUUM (TOTAL PRESSURE)	
	HIGH VACUUM MODE	HIGH THROUGHPUT MODE
Closed	2 x 10 ⁻³ mbar / 1.5 x 10 ⁻³ Torr	3 x 10 ⁻² mbar / 2.3 x 10 ⁻² Torr
Low flow, I	3 x 10 ⁻² mbar / 2.3 x 10 ⁻² Torr	4 x 10 ⁻² mbar / 3 x 10 ⁻² Torr
High flow, II		6 x 10 ⁻² mbar / 4.6 x 10 ⁻² Torr

Inlet connection	NW25
Outlet connection	NW25
Maximum allowed outlet pressure	1 bar gauge / 14 psig
Maximum allowed inlet and gas ballast pressure	0.5 bar gauge / 7 psig
Maximum water vapor inlet pressure	38 mbar / 60 Torr
Maximum water vapor pumping rate	
Gas ballast low flow	60 g h ⁻¹
Gas ballast high flow	220 g h ⁻¹
Motor power	
50Hz	450 W
60Hz	550 W
Electrical supply	
1-phase	110-120 V or 220-240 V, 50 or 60 Hz
3-phase	200-230 V or 380-460 V, 50 or 60 Hz
Operating temperature range	12 - 40 °C
Weight, without oil	26 kg / 57 lbs
Noise	48 dB(A) @ 50 Hz
Oil capacity	
Maximum	0.75 liter
Minimum	0.45 liter
Recommended oil (supplied)	Ultragrade 19

