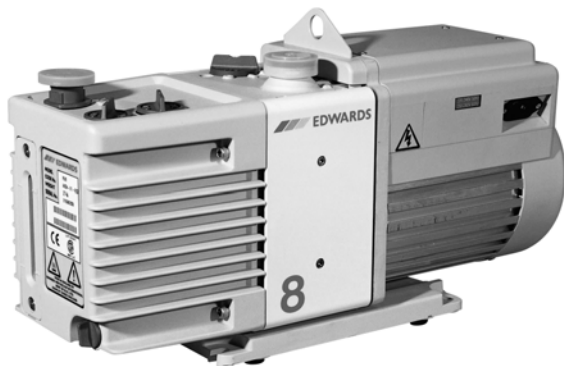


RV8 ROTARY VANE PUMP

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

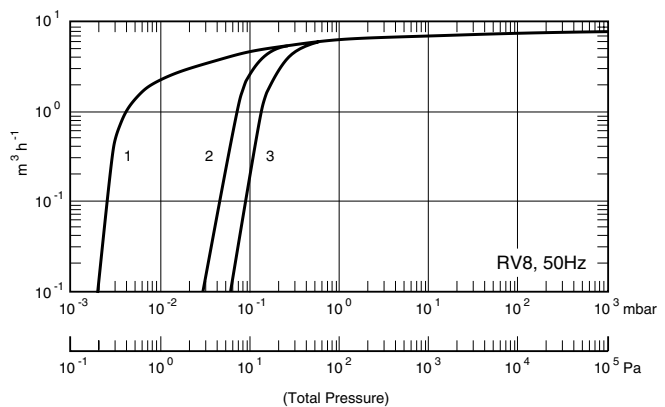


TECHNICAL DATA

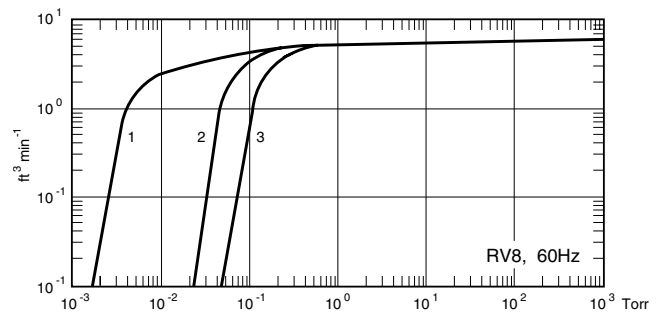
Displacement	
50 Hz operation	9.7 m ³ h ⁻¹ / 5.7 ft ³ min ⁻¹
60 Hz operation	11.7 m ³ h ⁻¹ / 6.9 ft ³ min ⁻¹
Speed (Pneurop 6602)	
50 Hz operation	8.5 m ³ h ⁻¹ / 5 ft ³ min ⁻¹
60 Hz operation	10 m ³ h ⁻¹ / 5.9 ft ³ min ⁻¹

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

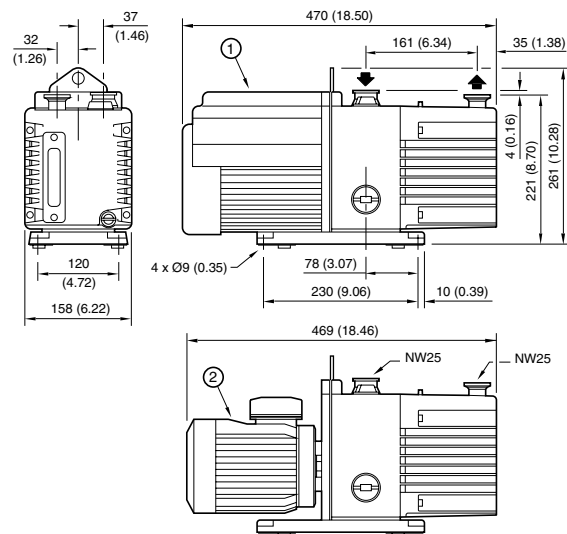
Inlet connection	NW25
Outlet connection	NW25
Maximum allowed outlet pressure	1 bar gauge / 14 psig
Maximum allowed inlet and gas ballast pressure	0.5 bar gauge / 7 psig
Maximum water vapor inlet pressure	38 mbar / 60 Torr
Maximum water vapor pumping rate	
Gas ballast low flow	60 gh ⁻¹
Gas ballast high flow	220 gh ⁻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



- 1 50 Hz high vacuum mode, gas ballast = 0
- 2 50 Hz high throughput mode, gas ballast = 0 and high vacuum mode, gas ballast = I
- 3 50 Hz high vacuum and high throughput modes, gas ballast = II



- 1 60 Hz high vacuum mode, gas ballast = 0
- 2 60 Hz high throughput mode, gas ballast = 0 and high vacuum mode, gas ballast = I
- 3 60 Hz high vacuum and high throughput modes, gas ballast = II



- 1 1-phase motor
- 2 3-phase motor

ORDERING INFORMATION	
PRODUCT DESCRIPTION	ORDERING NUMBER
RV8 pump	
115 V, 50/60 Hz, 1-ph	A654-01-906
230 V, 50/60 Hz, 1-ph	A654-01-903
200-220/380-415 V, 50 Hz or 200-230 V/460 V, 60 Hz, 3-ph	A654-01-905
Supplied with: Ultragrade 19 oil, NW inlet filter and centering ring. Details of Fomblinized pumps available on request.	
SPARES	ORDERING NUMBER
The clean and overhaul kit contains all of the springs, gaskets, seals and other components required for routine maintenance and whenever the pump is dismantled. Add a blade kit for a full service.	
Clean and overhaul kit	A652-01-131
Blade kit	A654-01-130
Outer shaft seal kit	A652-01-134
Inlet valve kit	A652-01-036
Motor, 1-phase	A654-99-000
Motor, 3-phase	A654-97-000
Cartridge Kit	A654-01-032
ACCESSORIES	ORDERING NUMBER
2 m electrical supply cable with IEC socket	
UK, three-pin plug	A505-05-000
North European plug	A505-06-000
No plug	A505-08-000
RV gas-ballast adaptor	A505-02-000
RV exhaust nozzle kit, 3/4 inch BSP to 15 mm hose	A505-09-000
EMF10 outlet mist filter	A462-26-000

For electrical data, including recommended fuse ratings, see page 31. For other accessories, see page 31 to 35. For rotary pump oils, see page 489. Flameproof motors available on request.