

Technical data

	Hz	Units	RV3	RV5	RV8	RV12
Peak pumping speed	60	cfm	2.3	3.6	5.9	8.4
	50	m ³ /h	3.3	5.1	8.5	12
Ultimate pressure (Total)	60	Torr	1.5 x 10 ⁻³ (1.5 x 10 ⁻² with Fomblin®)			
	50	mbar	2.0 x 10 ⁻³ (2.0 x 10 ⁻² with Fomblin®)			
Ultimate pressure GB I (Total)	50/60	Torr	2.3 x 10 ⁻²			
		mbar	3.0 x 10 ⁻²			
Ultimate pressure GB II (Total)	50/60	Torr	9.1 x 10 ⁻²	9.1 x 10 ⁻²	4.6 x 10 ⁻²	9.1 x 10 ⁻²
		mbar	1.2 x 10 ⁻¹	1.2 x 10 ⁻¹	6.0 x 10 ⁻²	1.2 x 10 ⁻¹
High throughput mode	50/60	Torr	2.3 x 10 ⁻²			
		mbar	3.0 x 10 ⁻²			
Water vapour tolerance		Torr	60	38	38	24
		mbar	80	50	60	32
Water vapour capacity - GB I		g/h	60	60	60	60
Water vapour capacity - GB II		g/h	220	220	220	290
Motor data						
Motor rating 1 phase (nominal)	60	W	550			
	50	W	450			
Motor rating 3 phase	60	W	300	300	550	550
	50	W	250	250	450	450
Nominal rotation speed	60	rpm	1800			
	50	rpm	1500			
Physical data						
Weight		lb	55	55	61.6	63.8
		kg	25	25	28	29
Oil capacity		litres	0.7	0.7	0.75	1
Oil type (Ultragrade)			19			
Inlet flange			NW25			
Exhaust flange			NW25			
Noise level	50 Hz	dB(A)	48			
Noise level (with Acoustic Enclosure)*	50 Hz	dB(A)	41			
Operating temperature range		°C	12 to 40			

* approximate noise reduction of 7 dB(A)