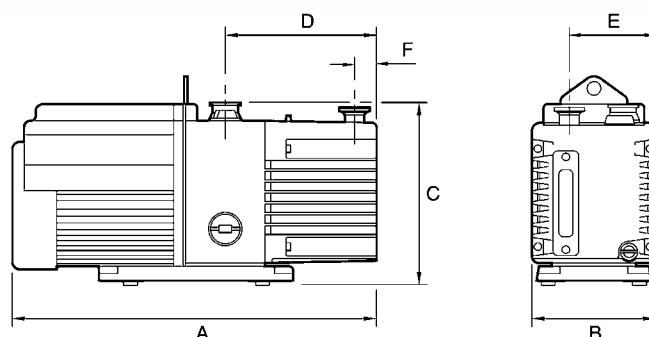


Dimensions - mm

	A	B	C	D	E	F
RV3	430	158	225	156	111	29
RV5	430	158	225	156	111	29
RV8	470	158	225	196	111	35
RV12	490	158	225	216	111	35



Specifications

	Hz	Units	RV3	RV5	RV8	RV12
VACUUM DATA						
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 ⁻³	1.5 x 10 ⁻³	1.5 x 10 ⁻³
	50	mbar	2.0 x 10 ⁻³	2.0 x 10 ⁻³	2.0 x 10 ⁻³	2.0 x 10 ⁻³
Ultimate pressure GB I (Total)	50/60	Torr	2.3 x 10 ⁻²	2.3 x 10 ⁻²	2.3 x 10 ⁻²	2.3 x 10 ⁻²
		mbar	3.0 x 10 ⁻²	3.0 x 10 ⁻²	3.0 x 10 ⁻²	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	2.3 x 10 ⁻²	2.3 x 10 ⁻²	2.3 x 10 ⁻²
		mbar	3.0 x 10 ⁻²	3.0 x 10 ⁻²	3.0 x 10 ⁻²	3.0 x 10 ⁻²
Water vapor tolerance		Torr	60	38	38	24
		mbar	80	50	60	32
Water vapor capacity - GB I		g/h	60	60	60	60
Water vapor capacity - GB II		g/h	220	220	220	290
MOTOR DATA						
Motor rating 1 phase (nominal)	60	W	300	300	550	550
	50	W	250	250	450	450
Motor rating 3 phase						
Nominal rotation speed	60	rpm	1800	1800	1800	1800
	50	rpm	1500	1500	1500	1500
PHYSICAL DATA						
Weight		lb	47.5	47.5	57	58
		kg	21.5	21.5	26	26.3
Oil capacity		liters	0.7	0.7	0.75	1
Oil type (Ultragrade)			19	19	19	19
Inlet flange			NW25	NW25	NW25	NW25
Exhaust flange			NW25	NW25	NW25	NW25
Noise level	50	dBA	48	48	48	48
Operating temperature range		°C	12 to 40	12 to 40	12 to 40	12 to 40