

COMPRESSOR/VACUUM PUMP			RFW 120 DV	RFW 150 DV	RFW 200 DV	RFW 260 DV
FREE AIR FLOW	m <sup>3</sup> /h cfm	720 424	860 506	1240 730	1600 942	
FLOW RATE @ 400 MBAR RESIDUAL PRESSURE/60% VACUUM	m <sup>3</sup> /h cfm	680 400	820 483	1180 694	1540 906	
MAX. DISCHARGE PRESSURE GAUGE	barg psig	2 29	2 29	2 29	2 29	
MAX. DISCHARGE PRESSURE V-BELT DRIVE	barg psig	2 29	2 29	1.5 22	0.5 7	
SHAFT SPEED	rpm	1500	1500	1500	1500	
POWER REQUIREMENT AT SHAFT @ 0.5 BAR/7.25 PSIG	kw hp	27.5 37	30 40	45 60	58 78	
OIL CONSUMPTION	liters/h gal/h	0.2 0.05	0.2 0.05	0.3 0.08	0.4 0.11	
MASS MOMENT OF INERTIA	kgm <sup>2</sup> lb.sq. ft	0.52 12.34	0.52 12.34	0.73 17.32	0.95 22.54	
MAX. VACUUM CONTINUOUS OPERATION	mbar/% inHg	200/80 24	200/80 24	200/80 24	200/80 24	
MAX. VACUUM INTERMITTENT OPERATION (MAX. 15 MIN.)	mbar/% inHg	100/90 27	100/90 27	100/90 27	100/90 27	
NOISE LEVEL AT 7 M (22 FT) DISTANCE & AT 400 MBAR/0.5 BAR RANGE (18 inHG/7.25 PSIG)	dB A	68 73.5	71 74	75 79	76 82	
OIL TANK CAPACITY	l gal	7.5 1.98	7.5 1.98	7.5 1.98	7.5 1.98	
WEIGHT INCLUDING NON-RETURN VALVE	kg lb	220 485	220 485	280 617	360 794	
DIMENSIONS	A mm in	200 7.9	200 7.9	350 13.8	500 19.7	
	L mm in	735 29.0	735 29.0	885 35.0	1035 41.0	

## WATER COOLING SYSTEM DATA

COMPRESSOR/VACUUM PUMP			RFW 120 DV	RFW 150 DV	RFW 200 DV	RFW 260 DV
COOLING WATER CIRCULATION QUANTITY PE = 0.5 BAR G (7.25 PSIG)	l/min gal/min	15 4.0	15 4.0	25 6.6	35 9.2	
COOLING WATER CIRCULATION QUANTITY PE = 2.0 BAR G (29 PSIG)	l/min gal/min	20 5.3	20 5.3	29 7.7	40 10.6	
HEAT TO BE DISSIPATED PE = 0.5 BAR G, 7.5 PSIG	kw hp	11.5 15.4	11.5 15.4	19 25.5	24 32.2	
HEAT TO BE DISSIPATED PE = 2.0 BAR G, 29 PSIG	kw hp	14.5 19.5	14.5 19.5	20 26.8	28 37.5	
EXPANSION TANK CAPACITY	l gal	10 2.64	10 2.64	10 2.64	10 2.64	
PIPEWORK DIMENSIONS	inches	1	1	1	1	