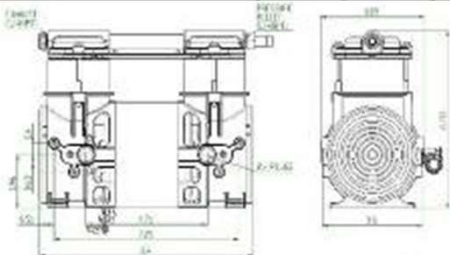


# ECT-57 SERIES PERFORMANCE DATA

MODEL NUMBERS:		ECT5755-A		ECT5755-B		ECT5757-A		ECT5757-B		ECT5747-A		ECT5747-B	
		Pressure/vacuum		Pressure/vacuum		Pressure/vacuum		Pressure/vacuum		Pressure/vacuum		Pressure/vacuum	
HEAD CONFIGURATION:		5.5mm		5.5mm		5.7mm		5.7mm		4.7mm		4.7mm	
STROKE		Flow@115V		Flow@230V		Flow@115V		Flow@230V		Flow@115V		Flow@230V	
PRESSURE													
CFM@PSI	LPM@kgf/cm <sup>2</sup>	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM
PSI	kgf/cm <sup>2</sup>												
5	0.35	3.25	92	2.65	75	3.35	95	2.79	79	2.83	80	2.26	64
10	0.69	3.00	85	2.47	70	3.14	89	2.58	73	2.65	75	2.08	59
15	1.03	2.83	80	2.33	66	2.93	83	2.44	69	2.51	71	1.94	55
20	1.38	2.65	75	2.19	62	2.75	78	2.30	65	2.37	67	1.80	51
25	1.72	2.47	70	2.05	58	2.61	74	2.19	62	2.26	64	1.59	45
30	2.07	2.33	66	1.98	56	2.54	72	2.08	59	2.15	61	1.41	40
35	2.41	2.22	63	1.87	53	2.37	67	1.98	56	2.08	59	1.24	35
40	2.76	2.12	60	1.80	51	2.26	64	1.91	54	1.98	56	1.09	31
45	3.16	1.98	56	1.62	46	2.12	60	1.80	51	1.91	54	0.95	27
50	3.51	1.91	54	1.41	40	2.01	57	1.66	47	1.84	52	0.78	22
MAX. Flow Rate@0psi:		3.28	93	2.72	77	3.39	96	2.83	80	2.86	81	2.33	66
MAX. CONTINUOUS PRESSURE		30 PSI	2.07 bar	30 PSI	2.07 bar	30 PSI	2.07 bar	30 PSI	2.07 bar	30 PSI	2.07 bar	30 PSI	2.07 bar
MAX.INTERMITTENT PRESSURE		30 PSI	2.07 bar	30 PSI	2.07 bar	30 PSI	2.07 bar	30 PSI	2.07 bar	30 PSI	2.07 bar	30 PSI	2.07 bar
Vacuum		Flow@115V		Flow@230V		Flow@115V		Flow@230V		Flow@115V		Flow@230V	
mmHg	mBar	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM
0	0	3.28	93	2.72	77	3.39	96	2.83	80	2.86	81	2.33	66
-75	-100	3.11	88	2.65	75	3.11	88	2.65	75	2.65	75	2.19	62
-150	-200	2.86	81	2.44	69	2.86	81	2.44	69	2.37	67	1.98	56
-300	-400	2.08	59	1.80	51	2.08	59	1.80	51	1.70	48	1.38	39
-450	-600	1.17	33	0.95	27	1.17	33	0.95	27	0.85	24	0.74	21
-600	-800	0.21	6	0.18	5	0.21	6	0.18	5	0.21	6	0.18	5
MAX. VACUUM		-666	-888	-666	-888	-666	-888	-682	-908	-655	-874	-655	-874
MAX.AMBIENT TEMPERATURE:		104°F	40°C	104°F	40°C	104°F	40°C	104°F	40°C	104°F	40°C	104°F	40°C
MIN.AMBIENT TEMPERATURE:		50°F	10°C	50°F	10°C	50°F	10°C	50°F	10°C	50°F	10°C	50°F	10°C
MAX.RESTART PRESSURE:		0 PSI	0 bar	0 PSI	0 bar	0 PSI	0 bar	0 PSI	0 bar	0 PSI	0 bar	0 PSI	0 bar
MOTOR VOLTAGE / FREQUENCY:		115V/60Hz		230V/50Hz		115V/60Hz		230V/50Hz		115V/60Hz		230V/50Hz	
Dimension L*(W)D*H:		217*d94*176		217*d94*176		217*d94*176		217*d94*176		217*d94*176		217*d94*176	
POWER OUTPUT(WATTS):		200W		175W		200W		175W		200W		175W	
MOTOR TYPE:		Permanent Split Split Capacitor		Permanent Split Split Capacitor		Permanent Split Split Capacitor		Permanent Split Split Capacitor		Permanent Split Split Capacitor		Permanent Split Split Capacitor	
CURRENT AT RATED LOAD(AMPS):		3.3±10%		1.6±10%		3.3±10%		1.6±10%		3.3±10%		1.6±10%	
POWER AT RATED LOAD(WATTS):		322±10%		330±10%		322±10%		330±10%		322±10%		330±10%	
STARTING CURRENT (LOCKED ROTOR AMPS):		6		3		6		3		6		3	
MIN.FULL LOAD SPEED (RPM):		1750±15		1450±15		1750±15		1450±15		1750±15		1450±15	
THERMAL PROTECTOR:		Yes		Yes		Yes		Yes		Yes		Yes	
CAPACITOR VALUE:		20mfd		10mfd		20mfd		10 mfd		20mfd		10 mfd	
NET WEIGHT:		9.7 lbs.	4.4Kg	9.7 lbs.	4.4Kg	9.7 lbs.	4.4Kg	9.7 lbs.	4.4Kg	9.7 lbs.	4.4Kg	9.7 lbs.	4.4Kg



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