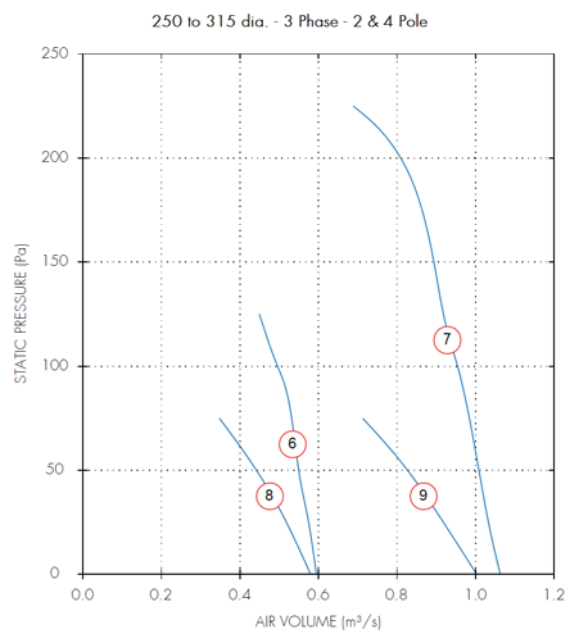
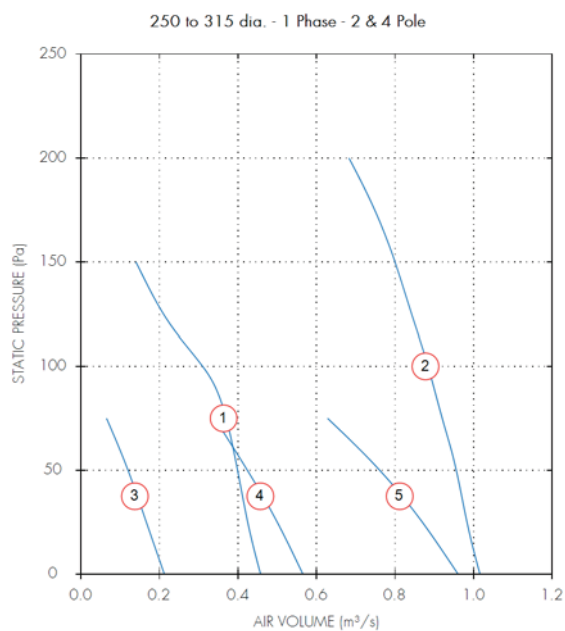


Performance Guide



Dia.	Motor Phase	Stock Ref	Poles	r.p.m	IP Rating	Curve Ref.	m³/s @ Pa					Motor kW	S.C. Amps	F.L.C Amps	dBA @ 3m
							0	50	100	150	200				
250	1	ESP25012	2	2440	IP44	1	0.46	0.4	0.31	0.14		0.12	1.15	0.54	59
315	1	ESP31512	2	2690	IP54	2	1.02	0.96	0.88	0.8	0.68	0.56	7.2	2.4	64
250	1	ESP25014	4	1340	IP44	3	0.21	0.12				0.04	0.3	0.16	44
315	1	ESP31514	4	1300	IP54	4	0.57	0.42				0.15	1.38	0.7	50
355	1	ESP35514	4	1330	IP54	5	0.96	0.76				0.19	1.45	0.84	53
250	3	ESP25032	2	2700	IP44	6	0.59	0.55	0.5			0.2	3.5	0.87	61
315	3	ESP31532	2	2800	IP54	7	1.06	1.01	0.95	0.89	0.81	0.48	5	0.9	60
315	3	ESP31534	4	1390	IP54	8	0.58	0.44				0.11	2.1	0.27	46
355	3	ESP35534	4	1370	IP54	9	1	0.83				0.17	1.35	0.37	49

For fans wired to reverse run, duty reduced by 30%. ESP25012, ESP31512 and ESP25014 not suitable for reverse airflow.

Sound Power Level Spectra dB (ref 10⁻¹² Watts)

Dia.	Motor Phase	Stock Ref	Poles	Spectrum	63	125	250	500	1k	2k	4k	8k	dBA @ 3m
250	1	ESP25012	2	Inlet	69	70	76	76	70	70	67	59	57
250	1	ESP25012	2	Outlet	69	70	76	76	70	70	67	59	57
315	1	ESP31512	2	Inlet	69	73	79	74	74	76	73	66	61
315	1	ESP31512	2	Outlet	69	73	79	74	74	76	73	66	61
250	1	ESP25014	4	Inlet	70	72	63	58	54	52	45	35	41
250	1	ESP25014	4	Outlet	70	72	63	58	54	52	45	35	41
315	1	ESP31514	4	Inlet	70	68	66	61	60	62	58	51	47
315	1	ESP31514	4	Outlet	70	68	66	61	60	62	58	51	47
355	1	ESP35514	4	Inlet	65	70	67	65	64	64	62	55	50
355	1	ESP35514	4	Outlet	65	70	67	65	64	64	62	55	50
250	3	ESP25032	2	Inlet	7	64	76	80	74	70	66	60	59
250	3	ESP25032	2	Outlet	7	64	76	80	74	70	66	60	59
315	3	ESP31532	2	Inlet	71	72	83	80	78	79	75	67	64
315	3	ESP31532	2	Outlet	71	72	83	80	78	79	75	67	64
315	3	ESP31534	4	Inlet	64	67	69	63	62	60	58	53	47
315	3	ESP31534	4	Outlet	64	67	69	63	62	60	58	53	47
355	3	ESP35534	4	Inlet	58	73	63	64	64	65	64	58	50
355	3	ESP35534	4	Outlet	58	73	63	64	64	65	64	58	50