

CS Series - supply air roof centrifugal



product CS Series - supply air roof centrifugal		
dimensions mm Up to 710	poles & duty 2 - 8 / up to 3,700 L/s	
application An economical medium capacity centrifugal range for input ventilation.		

The CS series has been purpose designed for roof mounted supply of air into building ventilation systems. The fans offer quiet and efficient operation with a wide range of sizes and electrical configurations.

Construction

Components are made from UV stabilised polymer, corrosion protected steel and fibreglass. All models are fitted with bird mesh as standard. Available in optional Colorbond™ colours.

Motors

Motor windings incorporate class 'B' or 'F' insulation as standard. Motor bearings are sealed for life and maintenance free. Integral thermal overload protection is generally not provided and is the responsibility of the installing electrical contractor. Failure to provide thermal overload protection voids the warranty.

Testing

Rated fan performance has been determined by testing to ISO 5801 : 2007. Fan sound data has been determined by testing to ISO 13347 : 2004.

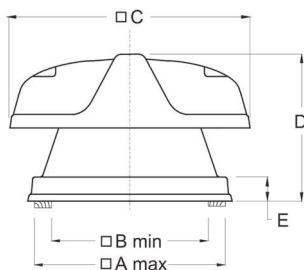
Wiring diagrams and latest data

Refer to the latest product datasheet for individual model wiring instructions, data and specifications. Datasheets are available from our electronic selection software **FansSelect** downloadable at www.pacificHVAC.com

It is the responsibility of the user to connect the thermal contacts where provided to protect the motor. It is a condition of our warranty that all equipment supplied is installed according to the requirements of AS/NZS3000:2007 Australian/New Zealand wiring rules.

Suggested Specification

Roof Centrifugal Supply Air type fans shall be of the CS Series manufactured by Pacific HVAC Engineering. Backward curved impellers shall be driven by External Rotor motors with sealed for life bearings. Fan bases, and caps shall be weather proof and fabricated from UV resistant ABS polymer. All fans shall be fully tested in accordance with the requirements of ISO 5801 : 2007 for air flow and ISO 13347 : 2004 for sound.



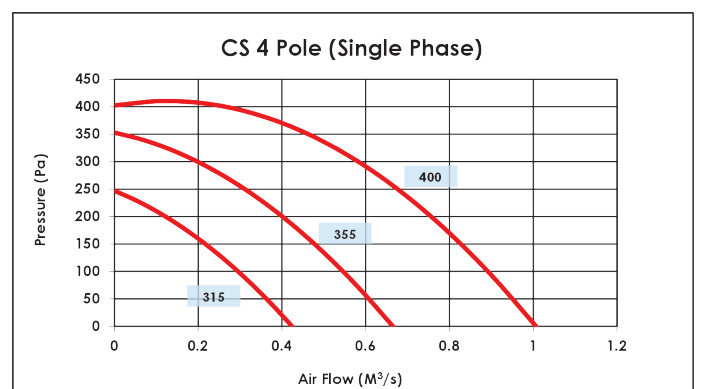
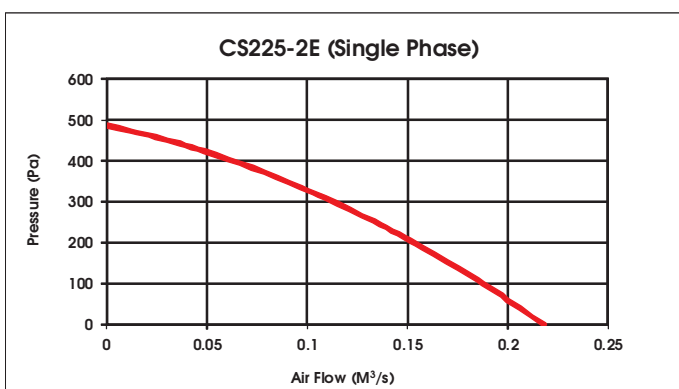
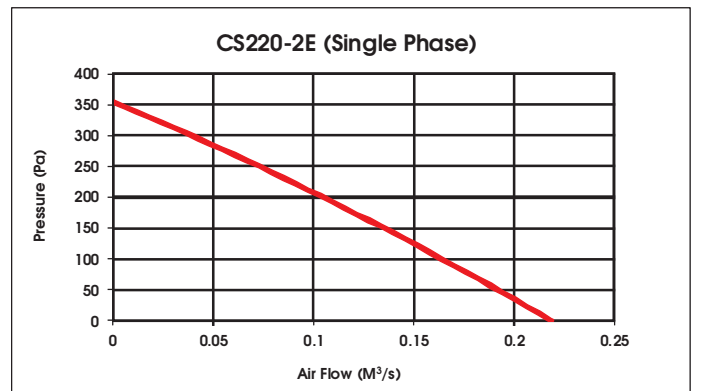
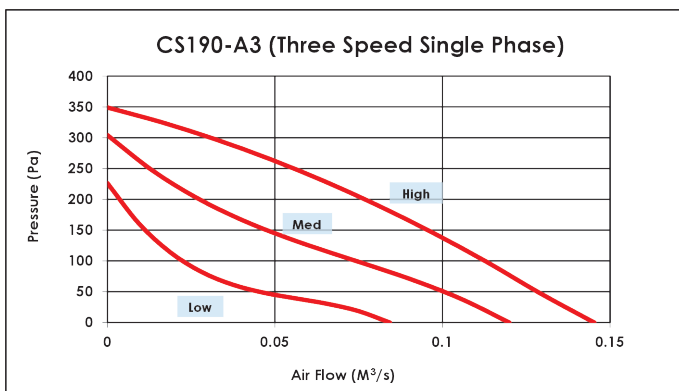
CS	A	B	C	D	E	kg
Size						
190	380	325	460	285	50	4
220	380	325	460	285	50	4
225	380	325	460	285	50	4
315/355	510	440	740	550	90	17/22
400	610	500	840	600	90	24
450/500/560	810	710	965	800	90	27/35/46
630/710	1140	1040	1250	855	65	85/90

Ancillaries

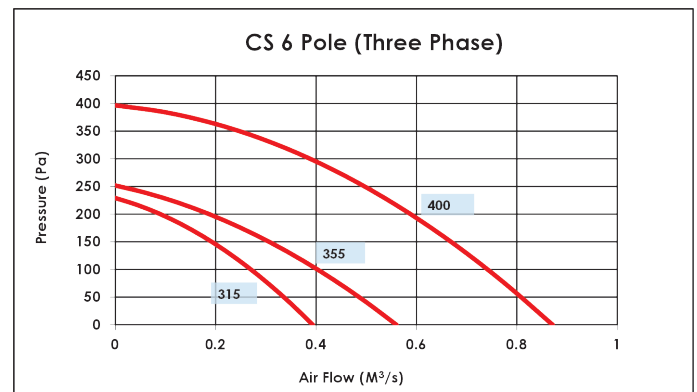
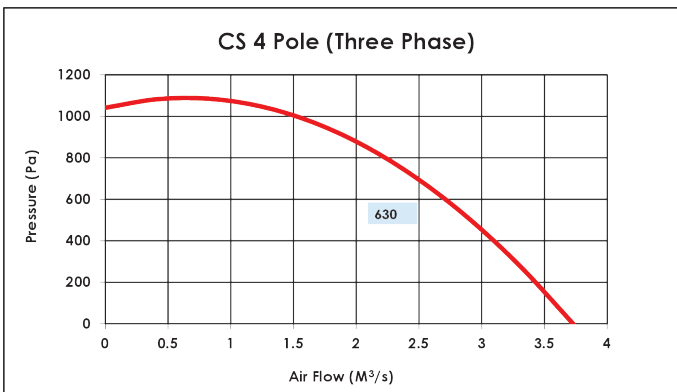
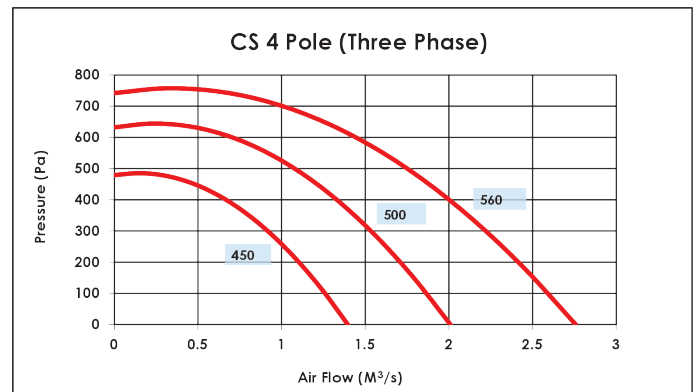
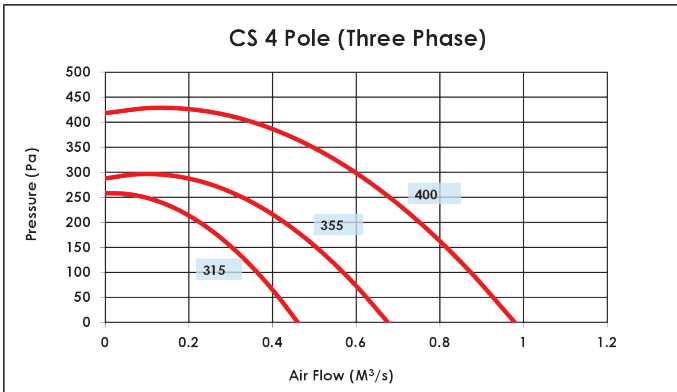
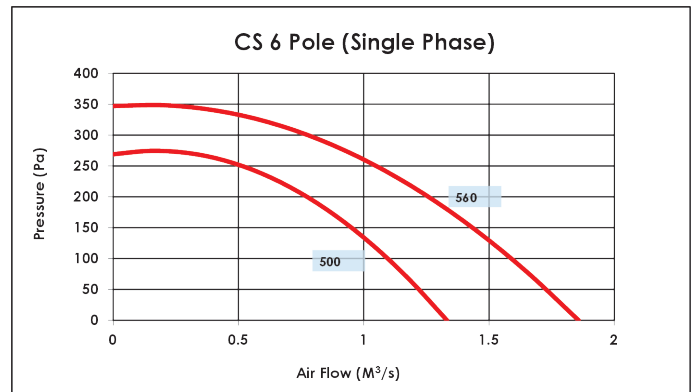
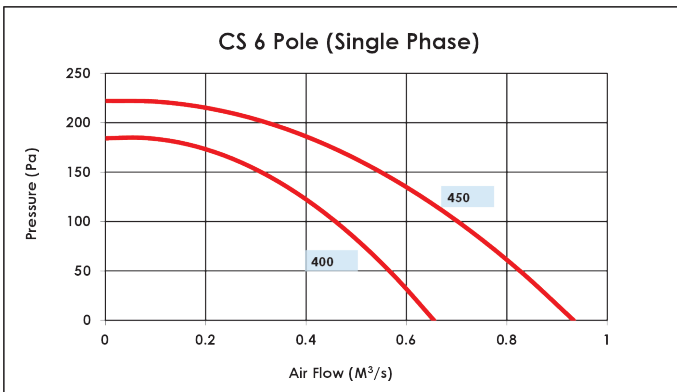
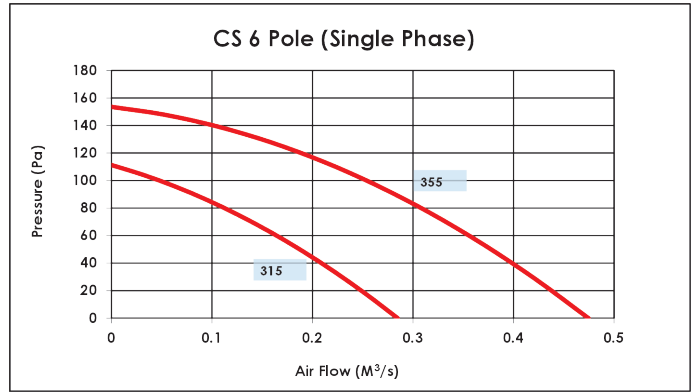
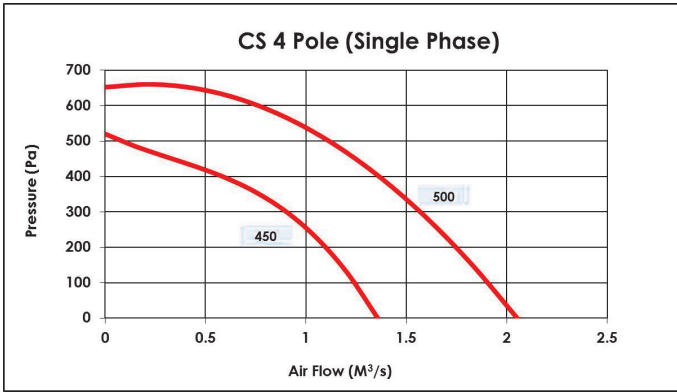


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Fan Model	RPM	Voltage	Amps	kW									dB(A)
					63	125	250	500	1K	2K	4K	8K	
CS190-A3-LOW	1510	240	0.18	0.04	55	56	51	48	47	45	40	36	31
CS190-A3-MED	2130	240	0.19	0.042	63	64	59	53	52	50	45	41	37
CS190-A3-HIGH	2560	240	0.23	0.052	66	67	62	59	58	56	51	47	42
CS220-2E	2600	240	0.38	0.085	82	80	74	68	65	65	59	55	51
CS225-2E	2650	240	0.46	0.105	80	78	68	66	63	63	57	53	49
CS315-4E	1430	240	0.5	0.115	71	70	65	66	58	53	49	47	45
CS315-6E	960	240	0.5	0.06	67	65	59	60	53	47	43	41	39
CS355-4E	1255	240	1.25	0.28	74	72	69	60	52	50	48	41	43
CS355-6E	815	240	0.55	0.12	67	64	64	58	51	46	44	40	39
CS400-4E	1370	240	2.4	0.48	71	76	73	67	63	57	57	53	49
CS400-6E	895	240	0.68	0.155	63	68	65	59	55	49	49	45	41
CS450-4E	1270	240	3.5	0.76	71	72	74	71	66	61	60	49	51
CS450-6E	900	240	1.85	0.36	71	70	63	63	55	54	50	40	43
CS500-4E	1360	240	6.3	1.42	73	77	77	74	71	67	64	59	55
CS500-6E	900	240	2.2	0.49	65	69	69	66	63	59	56	51	47
CS560-6E	885	240	4.35	0.78	64	69	66	66	63	56	55	52	47
CS315-4D	1420	415	0.35	0.125	71	70	65	66	58	53	49	47	45
CS315-6D	1250	415	0.15	0.085	67	65	59	60	53	47	43	41	39
CS355-4D	1400	415	0.51	0.19	76	74	71	62	54	52	50	43	45
CS355-6D	1200	415	0.22	0.13	68	65	65	59	52	47	45	41	40
CS400-4D	1415	415	1.41	0.515	71	76	73	67	63	57	57	53	49
CS400-6D	1235	415	0.7	0.385	63	68	65	59	55	49	49	45	41
CS450-4D	1240	415	1.45	0.74	71	72	74	71	66	61	60	49	51
CS450-6D	855	415	0.75	0.39	71	70	63	63	55	54	50	40	43
CS500-4D	1360	415	2.6	1.35	73	77	77	74	71	67	64	59	55
CS500-6D	900	415	0.86	0.44	65	69	69	66	63	59	56	51	47
CS560-4D	1305	415	4.1	2.16	76	81	78	78	75	68	67	64	59
CS560-6D	870	415	1.4	0.7	64	69	66	66	63	56	55	52	47
CS560-8D	650	415	0.77	0.44	59	64	61	61	58	51	50	47	42
CS630-4D	1380	415	6.8	4	88	86	87	83	81	76	73	69	65
CS630-6D	860	415	2.1	1.1	73	72	73	69	64	62	59	55	50
CS630-8D	670	415	1.15	0.66	71	70	71	67	62	60	57	53	48
CS710-6D	910	415	4.1	2.1	87	84	82	75	73	71	65	61	58
CS710-8D	715	415	2.6	1.4	81	78	76	66	65	60	59	55	51
CS710-1D	556	415	2.6	0.658	74	71	69	59	58	53	52	48	44



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