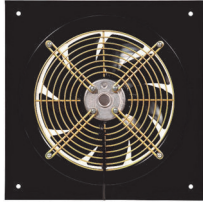


WQE/S - WRE/S Series - wall & ceiling axial ERM



WQE/S



WRE/S

Suggested Specification

Axial Flow wall mount type fans shall be of the WQE/S - WRE/S Series manufactured by Pacific HVAC Engineering. Aerofoil section or sickle blade impellers shall be driven by external rotor motors with sealed for life bearings. All fans shall be fully tested in accordance with the requirements of ISO 5801 : 2007 for air flow and ISO 13347 : 2004 for sound.

The WQE/S - WRE/S series offers reliable performance in commercial and horticultural exhaust air applications. Both ranges are suitable for installation at any angle thanks to the use of high quality sealed for life ball bearing type motors. The fans are inherently low noise and can be fully speed controlled.

Construction

The range is fitted with either aerofoil or sickle blade axial impellers driven by external rotor motors with sealed for life bearings. Motors are single phase in two and four pole speeds. Cases are fabricated from corrosion protected steel with powder coat finish.

Features

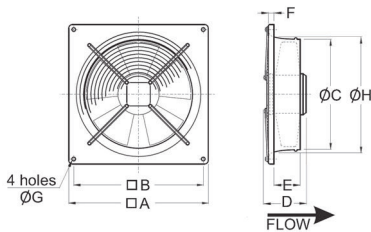
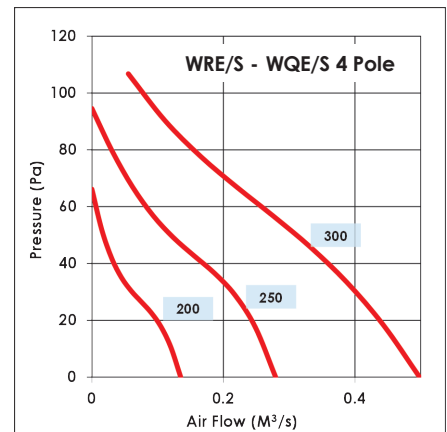
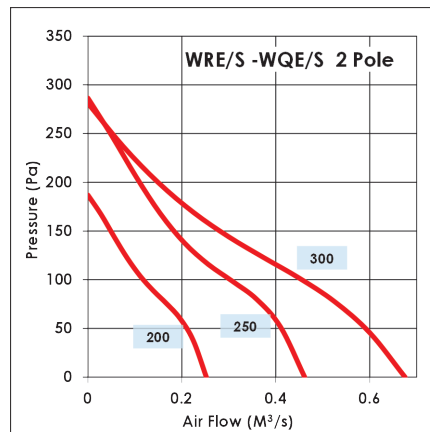
- Fully speed controllable.
- High reliability external rotor motors.
- Fans can be mounted at any angle.
- Available in optional Colorbond™ colours.

Testing

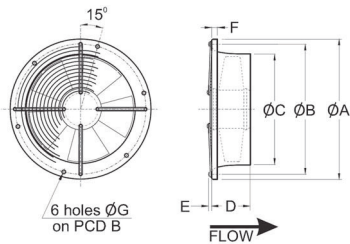
Rated fan performance has been determined by testing to ISO 5801 : 2007. Fan sound data has been determined by testing to ISO 13347 : 2004.

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



WQE/S									
Size	A	B	C	D	E	F	G	H	kg
200	312	260	202	75	46	6	7	215	1.8
250	370	320	256	90	49	6	7	265	2.3
300	430	380	304	135	71	11	9	330	2.8



WRE/S								
Size	A	B	C	D	E	F	G	kg
200	280	245	200	80	9	6	7	1.7
250	320	290	254	85	9	6	7	2.2
300	397	380	326	80	10	11	9	2.7

Fan Model	Full Load Current	Motor kW	Shaft Revs / sec	dB(A) @ 3m	Weight kg	SPL dB referred to 10 ⁻¹² W							
						63	125	250	500	1K	2K	4K	8K
WQ/WR200-2E	0.3	0.064	43	47	67	69	67	65	62	62	54	52	60
WQ/WR200-4E	0.21	0.03	23	35	58	69	53	51	45	45	37	35	28
WQ/WR250-2E	0.51	0.115	41	49	60	69	66	67	64	63	58	54	65
WQ/WR250-4E	0.53	0.069	23	38	57	60	57	55	54	51	47	38	48
WQ/WR300-2E	0.62	0.14	44	54	67	72	74	72	70	66	63	61	67
WQ/WR300-4E	0.28	0.065	20	42	58	60	63	60	58	54	54	49	59