

Quiet Pack (QP)

In-Line Centrifugal Duct Fans



from Vent-Axia

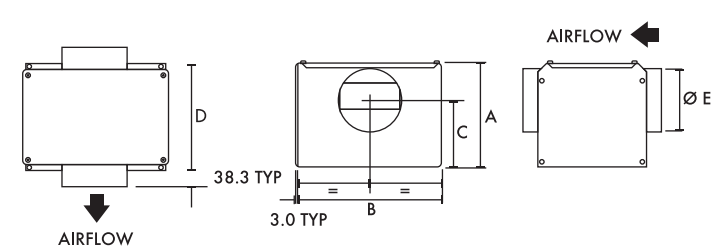
Features & Benefits

- 20mm 'O' Class rated acoustically treated casing, ensuring minimum duct and breakout noise levels
- Air volumes up to 1.08m³/s
- Suitable for external pressures up to 430Pa
- Designed to suit duct diameters from 100 to 500mm
- Operating Temperatures from 15°C up to +40°C
- Speed Controllable
- Quality Assurance to BS EN ISO 9001:1994
- Performance tested to BS848 Part 1 1980

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

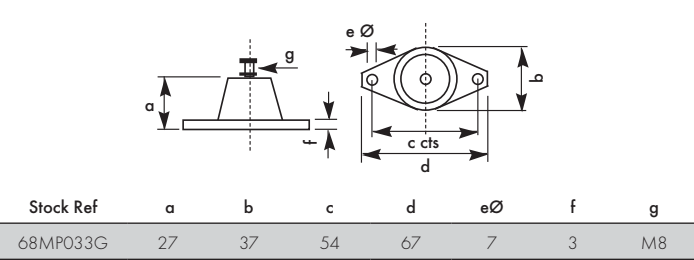
Fan		Mid Octave Bands								dB(A)
Stock Ref		63	125	250	500	1k	2k	4k	8k	@ 3m
QP100B	Inlet	55	63	47	45	45	43	42	31	31
	Outlet	49	63	53	55	50	47	45	40	36
	Breakout	50	58	45	39	34	20	20	20	24
QP125B	Inlet	51	58	49	42	39	37	33	20	27
	Outlet	50	55	54	53	55	47	45	41	37
	Breakout	47	51	45	35	31	20	20	20	20
QP150B	Inlet	62	66	50	54	49	49	49	45	37
	Outlet	56	66	62	61	62	64	62	62	49
	Breakout	57	58	54	46	42	38	37	30	29
QP160B	Inlet	62	66	50	54	49	49	49	45	37
	Outlet	56	66	62	61	62	64	62	62	49
	Breakout	57	58	54	46	42	38	37	30	29
QP200B	Inlet	61	66	53	55	51	46	48	45	36
	Outlet	57	67	63	63	66	64	63	62	50
	Breakout	57	61	53	47	43	37	36	33	30
QP250B	Inlet	68	63	59	56	50	46	45	41	37
	Outlet	64	67	61	63	61	58	59	59	46
	Breakout	64	65	59	53	48	43	40	34	35
QP315B	Inlet	73	72	66	61	59	59	56	47	45
	Outlet	72	74	71	69	70	69	67	61	55
	Breakout	70	72	68	61	57	58	55	48	45
QP400B	Inlet	74	74	68	62	61	61	58	51	47
	Outlet	72	76	71	71	73	70	70	66	57
	Breakout	77	75	69	64	59	59	56	47	47
QP500B	Inlet	70	73	67	62	61	63	60	54	48
	Outlet	60	70	69	70	71	70	67	61	55
	Breakout	77	75	69	64	59	59	56	47	47

Dimensions (mm)



Size	A	B	C	D	ØE	Kg
QP100	268	363	171	272	97	14
QP125	268	363	171	272	122	14
QP150	322	400	203	336	147	14
QP160	322	400	203	336	157	14
QP200	322	400	203	336	197	20
QP250	472	614	320	499	247	25
QP315	530	630	300	560	312	35
QP400	530	630	300	560	397	50
QP500	530	630	263	560	497	75

Anti Vibration Mountings



Performance Guide

Fan		Duty m ³ /s @ Pa										Motor Amps		
Stock Ref	RPM	Ph.	0	50	100	150	200	250	300	350	400	kW	FLC	SC
QP100	2500	1	0.06	0.06	0.05	0.03						0.08	0.64	2.6
QP125	2500	1	0.07	0.06	0.05	0.04						0.08	0.64	2.6
QP150	1400	1	0.18	0.18	0.16	0.15	0.13	0.11	0.08			0.145	0.7	3.2
QP160	1400	1	0.19	0.18	0.17	0.15	0.10	0.09	0.07	0.06		0.145	0.7	3.2
QP200	1500	1	0.25	0.23	0.21	0.19	0.15	0.13	0.11	0.09		0.28	0.81	4.0
QP250	950	1	0.53	0.49	0.44	0.20	0.17	0.14	0.11	0.08		0.60	3.1	12.0
QP315	1100	1	0.90	0.84	0.78	0.70	0.62	0.48	0.35	0.21		1.255	6.0	13.0
QP400	1100	1	0.99	0.94	0.87	0.81	0.72	0.60	0.46	0.29	0.11	1.25	6.0	13.0
QP500	1100	1	1.08	1.02	0.96	0.90	0.83	0.73	0.61	0.34	0.13	1.25	6.0	13.0

FLC = Full Load Current SC = Starting Current



Models & Accessories

Fan Stock Ref	Speed Controller			Overload Stock Ref	Anti Vibration Mounts (set of 4) Stock Ref
	Electronic Stock Ref	Auto Transfor.	Starter Stock Ref		
QP100B	SP5001	SPM5020	444744	444699	68MP033G
QP125B	SP5001	SPM5020	444744	444699	68MP033G
QP150B	SP5001	SPM5020	444744	444699	68MP033G
QP160B	SP5001	SPM5020	444744	444699	68MP033G
QP200A	SP5001	SPM5020	444744	444700	68MP033G
QP250B	SP5050	SPM5035	444744	444702	68MP033G
QP315B	SP5010	SPM5075	444744	444704	68MP033G
QP400B	SP5010	SPM5075	444744	444704	68MP033G
QP500B	SP5010	SPM5075	444744	444704	68MP033G

Electric		Spare Panel			Spare
Fan	Heaters	Panel Filters	Filters	Bag Filters	Bag Filters
Stock Ref	Stock Ref	Stock Ref	Stock Ref	Stock Ref	Stock Ref
QP100B	10531100T1	QPF100A	FILTERS100	QPFB100A	FILTERQPFB100
QP125B	10531125T1	QPF125A	FILTERS125160	QPFB125A	FILTERQPFB125
QP150B	10531150T1	QPF150A	FILTERS125160	QPFB150A	-
QP160B	10531150T1	QPF160A	FILTERS125160	QPFB160A	FILTERQPFB160
QP200A	10531200T1	QPF200A	FILTERS200	QPFB200A	FILTERQPFB200
QP250B	10531250T1	QPF250A	FILTERS250	QPFB250A	FILTERQPFB250
QP315B	10531315T1	QPF315A	FILTERS315	QPFB315A	FILTERQPFB315
QP400B	10531400T3	QPF400A	FILTERS400	QPFB400A	FILTERQPFB400
QP500B	10531500T3	QPF500A	63PF665	QPFB500A	63BF665

Fan Stock Ref	In-line Attenuators				Wall Terminal Stock Ref
	300mm Stock Ref	600mm Stock Ref	900mm Stock Ref	1200mm Stock Ref	
QP100B	83010030	83010060	83010090	-	SA100/280
QP125B	83012030	83012060	83012090	-	SA125/280
QP150B	83015030	83015060	83015090	-	SA150/280
QP160B	83016030	83016060	83016090	-	SA150/280
QP200A	-	83020060	83020090	83020120	SA200/280
QP250B	-	83025060	83025090	83025120	SA250/280
QP315B	-	83031060	83031090	83031120	SA315/280
QP400B	-	-	83040090	83040120	QSA400/280
QP500B	-	-	83050090	83050120	-