

MFP MixJet - kit series

MFP Kit Series

The MFP Kit series takes the class leading performance of the economical mixed flow fan series and adds the attenuation performance of the LFS - Lightweight Flexible Silencers. All components of the kits have been designed to be as light as possible for fast installation and safe handling in tight spaces.

Construction

Fans are fitted with mixed flow impellers driven by long life motors with sealed for life bearings. Cases are made from injection moulded polymer. Silencers are manufactured from spun aluminium (spigots), metallised polyester with helical steel support (outer case) and high performance acoustic lining / absorbing material.

Features

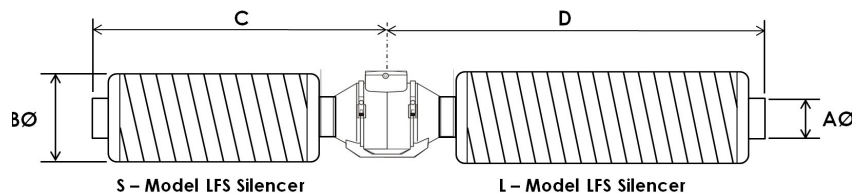
Hi or Lo speed operation with built in two speed switch.
Speed controllable with VA controller (on high fan speed setting only).
Easy motor/impeller dismount system.
Fits into tight spaces.

Testing

Rated fan performance has been tested in accordance with the requirements of ISO 5801 : 2007. Fans sound data has been determined by testing to ISO 13347 : 2004.

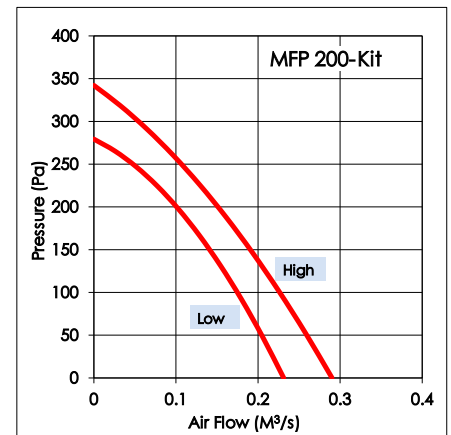
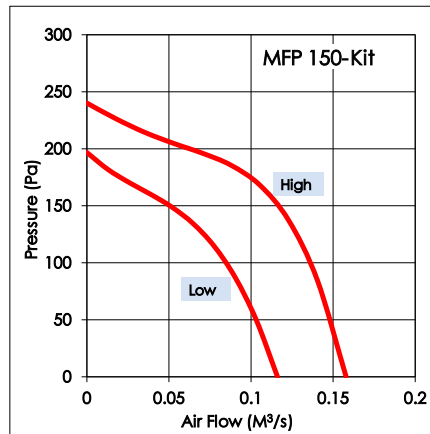
Wiring

Fans are fitted with flex leads and plugs.

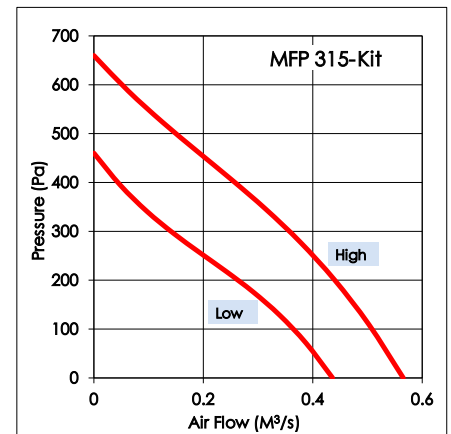
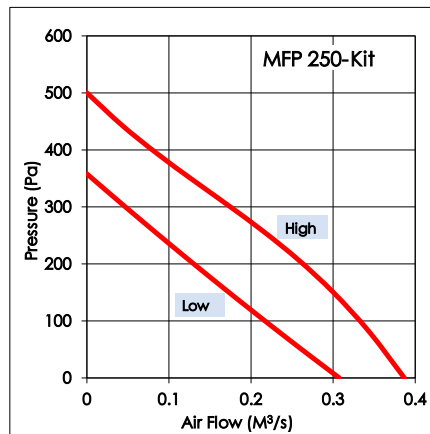


Note: Kits should be installed with the L-model silencer on the outlet side of the fan or facing the direction requiring highest attenuation.

Kit					
Size	A	B	C	D	kg
MFP150-KIT	150	265	817	817	5.6
MFP200-KIT	200	320	817	1319	12.2
MFP250-KIT	250	365	861	1361	13.5
MFP315-KIT	315	415	1382	1882	19.1



Suggested Specification
The mixed flow type fans shall be of the MFP Series with two speed motors supplied by Pacific HVAC Engineering. Mixed flow impellers shall be driven by long life motors with sealed for life bearings. Cases shall incorporate fast release mechanisms to permit maintenance access. Fans to be supplied with inlet and outlet attenuators to suit. All fans shall be fully tested in accordance with the requirements of ISO 5801 : 2007 for air flow and ISO 13347 : 2004 for sound.



Fan Model		Full Load Current	Motor kW	Shaft Revs /sec	dB(A) @ 3m	SPL dB referred to 10 ⁻¹² W							
						63	125	250	500	1K	2K	4K	8K
MFP150-KIT-LOW	Inlet	0.19	0.042	32	14	42	32	41	33	24	7	18	13
	Outlet				24	71	32	39	32	23	7	18	11
MFP150-KIT-HIGH	Inlet	0.22	0.05	44	24	50	45	50	45	35	18	29	24
	Outlet				23	50	43	48	44	33	18	28	23
MFP200-KIT-LOW	Inlet	0.34	0.076	32	23	50	46	46	36	19	37	38	33
	Outlet				18	45	42	42	31	13	23	35	29
MFP200-KIT-HIGH	Inlet	0.48	0.108	40	30	56	54	52	42	25	45	44	39
	Outlet				24	52	51	49	35	17	31	40	35
MFP250-KIT-LOW	Inlet	0.54	0.125	33	33	49	57	53	46	33	50	46	36
	Outlet				29	46	44	51	36	20	42	47	34
MFP250-KIT-HIGH	Inlet	0.79	0.177	41	37	62	56	57	50	37	54	50	41
	Outlet				34	59	52	55	41	25	47	51	40
MFP315-KIT-LOW	Inlet	1	0.23	32	39	62	53	57	46	35	53	56	47
	Outlet				34	60	51	54	38	20	45	52	42
MFP315-KIT-HIGH	Inlet	1.42	0.32	41	42	64	55	60	49	38	56	59	49
	Outlet				37	61	53	56	41	34	47	56	45