

# POWERLINE® SERIES RECTANGULAR DUCT ATTENUATORS



## DESCRIPTION

Matching attenuators designed to attach directly to the inlet and outlet of all PowerLine PCD/PCE series fans and selected Multiflow MMD/MME series fans.

## Construction

Each PowerLine Attenuator is provided with a spacer duct to set the attenuator at an optimum distance from the fan. The attenuators are constructed with perforated metal and acoustic insulation internally similar to the RT series of rectangular attenuators. Custom lengths and open areas are chosen to suit the characteristics of the fans this product is designed to accompany.

## SUGGESTED SPECIFICATIONS

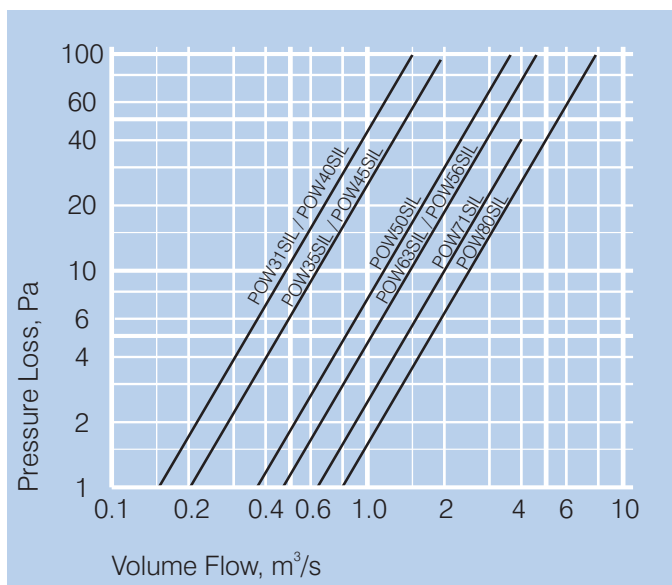
Matching rectangular attenuator assemblies shall be of the POW Series as designed and manufactured by Fantech Pty. Ltd. and shall have the dimensions, acoustic attenuator insertion losses and pressure losses as scheduled. The attenuators shall be approved for use when directly mounted to a Fantech In-Line Centrifugal or In-Line Mixed Flow fan.

## HOW TO ORDER

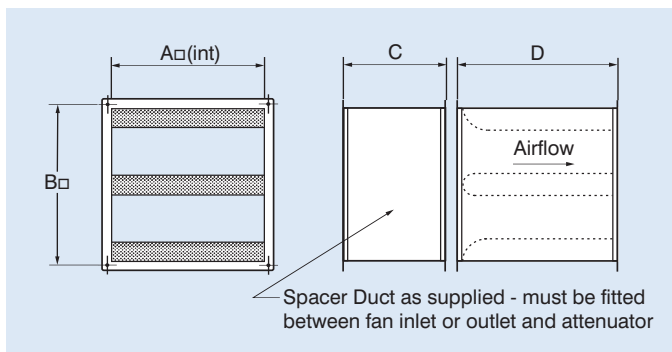
PowerLine Attenuator

Fan size in cm

## PRESSURE DROP GRAPH



## DIMENSIONS



Model No. POW..SIL	Dimensions, mm				Attenuator Spacer	
	A□	B□	C	D	wt. kg	wt. kg
31	400	425	400	600	20	8
35	450	475	400	900	32	9
40	500	525	400	900	53	10
45	550	575	400	900	56	11
50	650	675	600	1200	77	20
56	725	750	600	1200	89	22
63	800	825	600	1500	115	24
71	900	925	600	1500	152	27
80	1000	1025	600	1800	201	30

## SELECTION TABLE

Model No. POW...	PowerLine Series Fan PCD/E.. (Pg. B-34/36)	Multiflow Series Fan MMD/E.. (Pg. B-42/46)	Approximate dB(A) reduction *
31SIL	PCD/E31...	MMD/E31.	6-8
35SIL	PCD/E35...	MMD/E35.	9-10
40SIL	PCD/E40...	MMD/E40.	11-15
45SIL	PCD/E45...	MMD/E45.	10-15
50SIL	PCD/E50...	MMD/E50.	10-15
56SIL	PCD/E56...	MMD/E56.	13-18
63SIL	PCD/E63...	MMD/E63.	13-18
71SIL	PCD/E71...	-	11-12
80SIL	-	MMD/E80.	15-17

\*Approximate dB(A) reduction is for guidance only and depends largely on the noise profile of the attached fan. If exact noise spectrums are required, please contact your local sales office to obtain reductions for the model required.