

Datasheet

Dumping Box (PL-DB)

Description

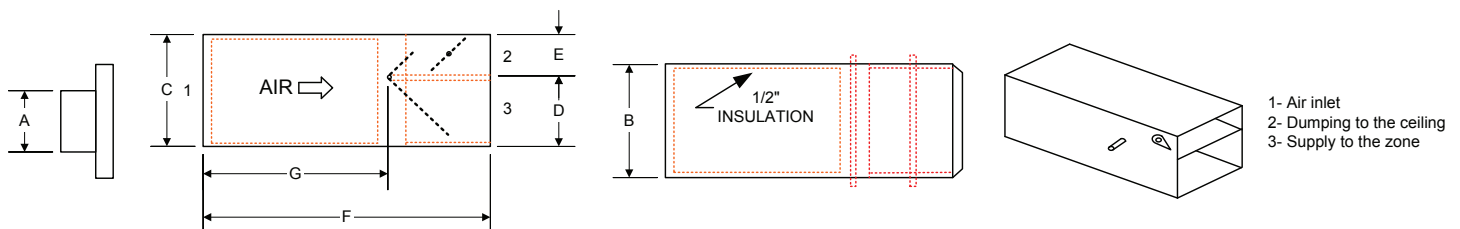
The PL-DB series boxes are low pressure dumping boxes with auto-balanced dampers.

Characteristics

- Galvanized steel housing, satin finish, 0.8 mm (22 gauge)
- 12.5 mm (1/2") internal fiberglass acoustic insulation covered with an acrylic layer and fiberglass reinforcement. The insulation complies with the following standards: NFPA-90A & 90B, SMACNA, Can/ULC S102-M88 and CGSB 51 GP-11M
- Single blade control damper
- Internal reinforcement frame
- 12.5 mm (1/2") shaft compatible with most actuators
- "S" shaped output joint
- Balancing key for dumping section

Technical Specifications

Model	Recommended Flow CFM (l/s)	Air Velocity FPM (m/s)	A Inlet Collar	B Width	C Total Height	D Supply Height	E Dumping Height	F Total Length	G Chamber Length	Weight LBS (kg)
PL-DB406	200 (95)	1018 (5.17)	6" round (152mm)	12" (305mm)	10" (254mm)	7" (178mm)	3" (76mm)	24" (610mm)	16" (406mm)	22 (9.98)
PL-DB408	350 (165)	1003 (5.09)	8" round (203mm)	12" (305mm)	10" (254mm)	7" (178mm)	3" (76mm)	24" (610mm)	16" (406mm)	22 (9.98)
PL-DB409	450 (210)	1019 (5.17)	9" round (229mm)	12" (305mm)	10" (254mm)	7" (178mm)	3" (76mm)	24" (610mm)	16" (406mm)	22 (9.98)
PL-DB410	500 (236)	950 (4.83)	10" oval (254mm)	12" (305mm)	10" (254mm)	7" (178mm)	3" (76mm)	24" (610mm)	16" (406mm)	22 (9.98)
PL-DB810	550 (260)	1008 (5.12)	10" oval (254mm)	22" (559mm)	10" (254mm)	7" (178mm)	3" (76mm)	24" (610mm)	16" (406mm)	33 (14.97)
PL-DB812	800 (375)	1019 (5.17)	12" oval (305mm)	22" (559mm)	10" (254mm)	7" (178mm)	3" (76mm)	24" (610mm)	16" (406mm)	34 (15.42)
PL-DB1214	1100 (520)	1029 (5.23)	14" oval (356mm)	28" (711mm)	12" (305mm)	8" (203mm)	4" (102mm)	30" (762mm)	18" (457mm)	48 (21.77)
PL-DB1616	1400 (660)	1003 (5.09)	16" oval (406mm)	32" (813mm)	13" (330mm)	9" (229mm)	4" (102mm)	36" (914mm)	18" (457mm)	48 (21.77)
PL-DB2018	1800 (850)	1018 (4.34)	18" oval (458mm)	36" (914mm)	14.5" (368mm)	9.5" (241mm)	5" (127mm)	36" (914mm)	20" (508mm)	51 (23.13)
PL-DB2520	2500 (1180)	1280 (5.46)	20" oval (508mm)	42.5" (1080mm)	17" (431mm)	10" (254mm)	6" (152.4mm)	42.5" (1079mm)	24" (610mm)	66 (29.93)



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