

1-800-GRAINGER (472-4643)

Hoffman

Enclosure Filter Fans

Feature click-fit design to quickly install into enclosure wall with no tools or screws required. They open with a flick of the finger for easy filter replacement.

CFM @ 0.000" SP	Fan Height	Fan Width	Fan Depth	Item No.
Wet-Location Square Axial Fan				
24 V DC				
35	6 ⁵ / ₁₆ "	6 ⁵ / ₁₆ "	4"	53DD93
115 V AC				
21	4 ² / ₁₆ "	4 ² / ₁₆ "	3 ⁵ / ₁₆ "	53DE04
35	6 ⁵ / ₁₆ "	6 ⁵ / ₁₆ "	4"	53DE03
70	8 ³ / ₁₆ "	8 ³ / ₁₆ "	4 ³ / ₁₆ "	53DD98
159	10 ¹ / ₁₆ "	10 ¹ / ₁₆ "	4 ¹ / ₁₆ "	53DD94
395	12 ⁵ / ₁₆ "	12 ⁵ / ₁₆ "	6 ³ / ₁₆ "	53DD97
484	12 ⁵ / ₁₆ "	12 ⁵ / ₁₆ "	6 ³ / ₁₆ "	53DD90

CFM @ 0.000" SP	Fan Height	Fan Width	Fan Depth	Item No.
230 V AC				
21	4 ² / ₁₆ "	4 ² / ₁₆ "	3 ⁵ / ₁₆ "	53DD99
35	6 ⁵ / ₁₆ "	6 ⁵ / ₁₆ "	4"	53DE07
70	8 ³ / ₁₆ "	8 ³ / ₁₆ "	4 ³ / ₁₆ "	53DE05
159	10 ¹ / ₁₆ "	10 ¹ / ₁₆ "	4 ¹ / ₁₆ "	53DE06
395	12 ⁵ / ₁₆ "	12 ⁵ / ₁₆ "	6 ³ / ₁₆ "	53DD95
Exhaust Grill and Filter				
—	12.8 in	1.75 in	12.82 in	53DD91
—	10.13 in	1.69 in	10.14 in	53DD92
—	8.19 in	1.65 in	8.21 in	53DD96
—	6.15 in	1.53 in	6.16 in	53DE01
—	4.42 in	1.6 in	4.44 in	53DE02



53DD94

Hoffman

Thermo-Electric Enclosure Coolers

Minimize downtime and component loss by removing heat around critical components within an enclosure. Compact and low-profile coolers use the Peltier effect to allow cooling of small indoor and outdoor enclosures without a compressor.

32FP91



Cooling Cap.	Voltage	Amps	H	W	D	Item No.
321 BtuH	24V DC	8.5	12.01 in	6.18 in	7.17 in	32FP91
321 BtuH	48V DC	4.4	12.01 in	6.18 in	7.17 in	32FP92
567 BtuH	24V DC	14.7	15.94 in	7.36 in	7.01 in	32FP93

Hoffman

Enclosure Heaters

Provide freeze and condensation protection in cabinets, control panels, and other enclosures.

Watts	H	W	L	120V AC Item No.	240V AC Item No.
100 W	5 1/2 in	4 in	4 1/16 in	32FL34	—
200 W	5 1/2 in	4 in	4 1/16 in	32FK99	32FK96
400 W	7 1/2 in	4 1/4 in	5 1/16 in	32FL01	32FK97
800 W	7 1/2 in	4 1/4 in	5 1/16 in	32FL02	32FK98



Enclosure Heaters

VORTEC

Coolers for Industrial Enclosures

Quick Install models are 78% quieter and can be top-, side-, or front-mounted. Hazardous Location models include cold air check valve and require a separate purge system. Class I, Div.2; Groups A-D Class II, Div.2; Groups F and G Class III. All models include thermostat, 5-micron auto-drain filter, and cold air ducting kit.



13M181



6XT27

		NEMA TYPE			
BtuH	SCFM @ 100 psi	12 Item No.	4 Item No.	4X Item No.	Haz. Loc. Item No.
Mechanical Thermostat, Quick Install					
1,500	25 scfm	13M182	13M186	13M186	13M178
2,500	35 scfm	13M183	13M187	13M187	13M179
5,000	70 scfm	13M184	13M188	13M188	13M180
900	15 scfm	13M181	13M185	13M185	13M177
Electric Thermostat					
1,500	25 scfm	6XT28	6XT27 *	—	—
1,700	25 scfm	—	6XT30	6XT32	—
2,500	35 scfm	6XT29	6XT31	6XT33	—
400	8 scfm	6XT26	—	—	—
900	15 scfm	6XT23	6XT24	6XT25	—

* Mechanical thermostat controlled.

HUBBELL

WIEGMANN

Electrical Enclosure Window and Louver Plate Kits

Easy to install: Simply make a cutout in the enclosure and attach the window or louver and frame. All necessary hardware included.

Window Height (in.)	Window Width (in.)	Frame Height	Frame Width	Cut Out Height	Cut Out Width	Item No.
Steel Window Kits, For NEMA 12 Enclosures, ANSI 61 Polyester Powder Finish, Fully Gasketed						
5.00	3.00	7.5 in	5 1/2 in	6.69 in	4.69 in	4KP44
9.00	5.50	11.5 in	8 1/2 in	10.69 in	7.19 in	4KP46
13.0	8.00	15.5 in	10 1/2 in	14.69 in	9.69 in	4KP48
14-Ga. Steel Louver Plate Kits, ANSI Enamel Finish						
—	—	4.75 in	4 1/2 in	3.5 in	3.25 in	2AAR6
—	—	5.62 in	5 1/2 in	4.37 in	4.25 in	2AAR7
4.00	6.00	5.63 in	7 1/2 in	4.37 in	6.25 in	6C740
—	—	7.87 in	7 1/2 in	6.62 in	6.25 in	2AAR8
6.00	8.00	8.19 in	9 1/2 in	6.93 in	8.25 in	6C741



4KP44



12HR3



12HR9

Enclosure Fans

- Vertical mount
- 1-phase, 50/60 Hz
- Designed for reliable cooling of enclosures where space is limited. Glass-reinforced plastic impeller, 24" lead wire with 90° attached plug, and wire mesh guard.

HUBBELL

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Fan Dia.	Shape	Voltage	CFM @ 0.000" SP	Watts	dBA	H	W	D	Housing Material	Item No.
Muffin Fans										
—	Square	115V AC	88/110	17/15	37	4 23/32 in	4 5/7 in	1 1/2 in	Plastic/Steel	12HR3
—	Square	230V AC	88/110	17/15	37	4 23/32 in	4 5/7 in	1 1/2 in	Plastic/Steel	12HR4
6"	Round	115V AC	190/235	26/35	46	6 23/32 in	6 7/9 in	2 in	Plastic/Steel	12HR9
6"	Round	230V AC	190/235	26/35	46	6 23/32 in	6 7/9 in	2 in	Plastic/Steel	12HT1
10"	Round	115V AC	547	35	55	10 in	10 in	3 1/2 in	Plastic/Steel	12HP9
Radiator Connection										
Replacement Muffin Fan Finger Guards, Mountable on Either Side of Fan										Item No.
4 23/32 in										12HV8
6 23/32 in										1MDU5
10 in										12HV7

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