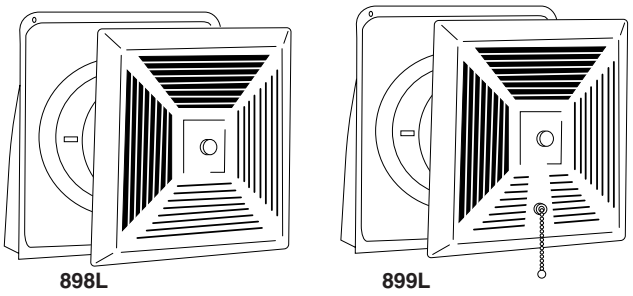
Specification Bulletin

Through-Wall Ventilator

Models 898L & 899L



898L 899L

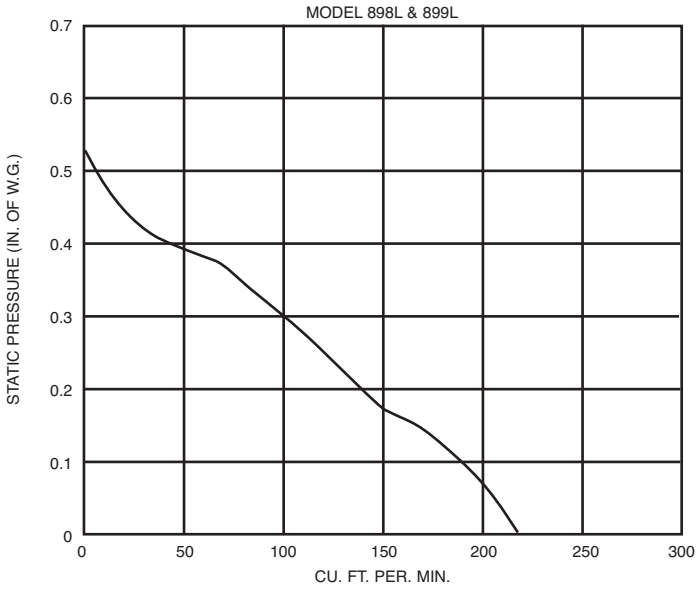
MODEL DESCRIPTION

The easiest of all to install, Marley Engineered Products through-the-wall ventilators exhaust heat, odor and moisture laden air directly to the outside with no ductwork. Perfect for the do-it-yourself craftsman. Especially easy installation in existing structures.

FEATURES

- Housing telescopes to accommodate walls from 4 1/4" to 8" thick.
- Rust proof, weather-resistant exterior parts.
- Plug-in motor and blade assembly.
- Powerful, deep-pitched blades.
- Optional aluminum mesh filters available.
- Easy to service.
- Model 898L, switch operated - 190 CFM @ 6.0 Sones. Use with conventional wall switch.
- Model 899L, Pull chain operated - 250 CFM @ 6.5 Sones.

PERFORMANCE DATA



SUGGESTED SPECIFICATIONS

Through-Wall Ventilators shall bear the HVI Tested Certified Seal and the UL label. The grille, sleeve and hood shall be steel with baked enamel finish to prevent corrosion. Ventilator shall have a hinged, spring-loaded aluminum shutter to prevent back draft. Ventilator sleeve shall accommodate walls from 4 1/4" to 8" thick. Vent motor shall be direct drive, plug-in and suitably grounded. Motor, motor bracket and impeller shall be removable without disturbing the housing. Through-Wall Ventilators shall be from Marley Engineered Products, 470 Beauty Spot Road East, Bennettsville, SC 29512

SPECIFICATIONS

		HVI CERTIFIED RATINGS			
MODEL	ROUGH-IN OPENING	AMPS	CFM	SONES	WALL THICKNESS
898L	9"	1.2	180	6.0	4 1/4" x 8"
899L	9"	1.2	180	6.0	4 1/4" x 8"

REFERENCE	QTY.	REMARKS	
			Project
			Location
			Architect
			Engineer
			Contractor
			Submitted By
			Date

INSTALLATION INSTRUCTIONS

1. Cut round or square hole in sheathing at desired location in wall. Round holes should be 9 1/8" in diameter. Square holes should be 9 1/8" on a side. See Fig. 2.
2. Install door and outside sleeve assembly from outside. Caulk and level assembly before nailing door frame tight. Remove tape, permitting damper door to open. House insulation can be worked around sleeve. (See Fig. 3).
3. Working from inside the house, slide inside sleeve into place temporarily. Determine whether to remove one or both knockouts from outside sleeve, permitting outlet box to drop through. Remove knockouts from outside sleeve. (See Fig. 4).
4. Slide inside sleeve into place, and pull power cable through outlet box opening. This will determine length of power cable to ventilator. Power line should be run to switch box holding toggle switch or optional timer. Attach cable to outlet box, using an approved connector, and splice cable to receptacle leads in outlet box cover. Ground wire may be attached to grounding bolt in outlet box. (See Wiring Diagram, Fig. 5).
5. Adjust inside sleeves so that flange will be flush with finished wall. Using metal screws, fasten inside housing to outside housing. Screws are supplied with ventilator.
6. Push outlet box and outlet cover into place and fasten with screws.
7. Install motor blade assembly. Engage keyhole slots over screws in ventilator, twist and tighten, making sure that blade is centered in sleeve. Be sure power is OFF, then insert plug into receptacle.
8. Attach grille with knob.

INSTALLATION IN EXISTING HOMES

1. Determine location of ventilator. Check wall for studs and obstructions.
2. Working inside wall first, draw a circle 9 1/8" in diameter at determined location. Be sure opening is at least one inch from studs. (See Fig. 2).
3. Carefully saw opening in plaster. Remove just enough insulation to allow sleeve to pass through, exposing sheathing. Mark center of the hole on the sheathing. At this point, drill small hole to outside.
4. Now work from the outside. Using hole as a center point, draw a circle on outside wall 9 1/8" in diameter. Saw opening. In case of brick or stone, use hammer and chisel to make opening. (See Fig. 6).
5. Install door and outside sleeve assembly from outside. Caulk and level before nailing tight. Remove tape, permitting damper door to open. (See Fig. 3.)
6. Working from inside the house, slide inside sleeve into place temporarily. Determine wether to remove one or both knockouts from outside sleeve, permitting outlet box to drop through. Remove knockouts from outside sleeve. (See Fig. 4).
7. Slide inside sleeve into place again and pull power cable through outlet box opening. This will determine length of power cable to ventilator. Power line should be run to switch box holding toggle switch. For more efficient operation, an optional timer is available. Attach cable to outlet box, using approved connector,a nd splice cable to receptacle leads in outlet box cover. Ground wire maybe attached to grounding bolt in outlet box. (See Fig. 5).
8. Adjust inside sleeve so that flange is flush with finished wall. Using metal screws, fasten inside housing to outside housing. Screws are supplied with ventilator.
9. Perform Steps 6-8 as for new homes to finish installation.

Dimensions

FIG. 1

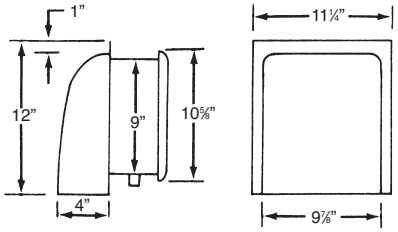


FIG. 2

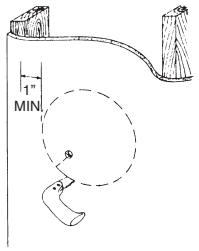


FIG. 3

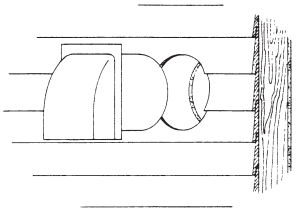
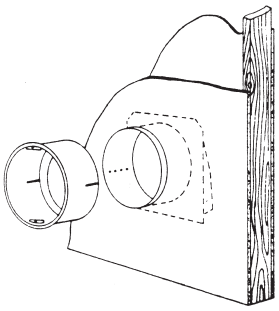
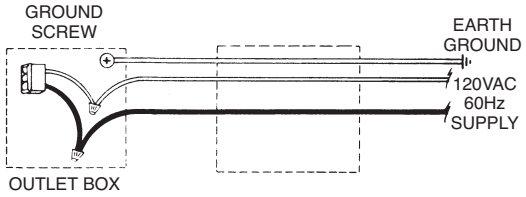


FIG. 4



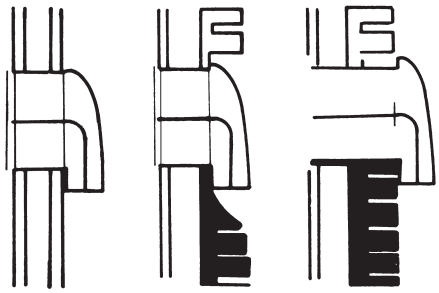
STANDARD WALL SWITCH

FIG. 5



TYPICAL INSTALLATIONS

FIG. 6



Marley Engineered Products

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For more info visit www.marleymep.com