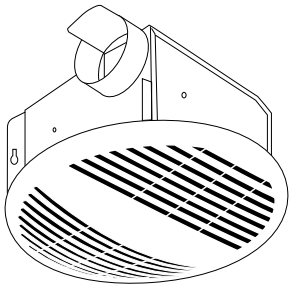
Specification Bulletin

Bath Fans

Models MM648 & MM748



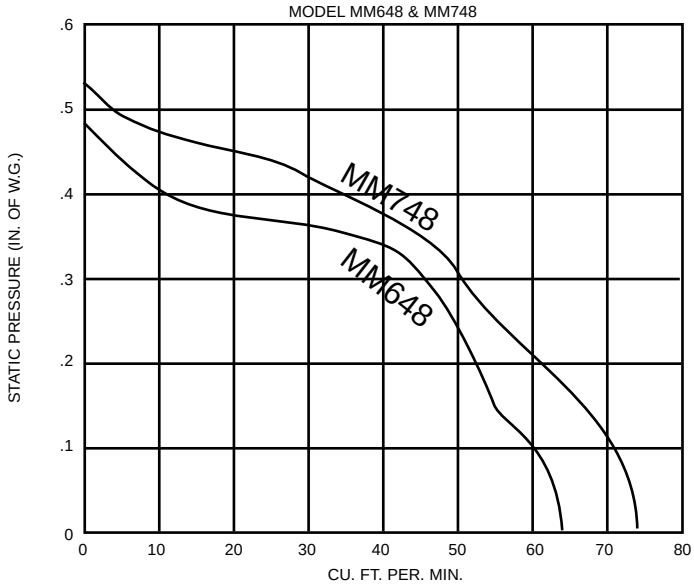
MODEL DESCRIPTION

Marley Engineered Products Models MM648 and MM748 for removing odors and damaging moisture from the bathroom offer long-lasting performance and attractive appearance at an economical price. Models MM648 and MM748 are intended for use in bathrooms but can be used in other areas where ventilation is required. Use with a conventional wall switch or timer.

FEATURES

- Heavy-duty steel housing.
- Built-in mounting bracket.
- Built-in junction box.
- Whisper quiet, plug-in motor.
- 3” Round Duct adapter with back draft damper (Model MM648).
- 4” Round Duct adapter with back draft damper (Model MM748).

PERFORMANCE DATA



SUGGESTED SPECIFICATIONS

Marley Engineered Products shall bear the HVI Tested Certified Seal and the UL label. Fans shall have E.Z.C. steel housings and shall not exceed sound level ratings shown. Fans shall have integral duct adapter and back draft damper. Fan lens shall be made of high impact polystyrene. Fans shall be provided with plug-in motor and receptacle inside the housing. Motor, motor bracket and impeller assembly shall be removable without disturbing the housing. Fan motors shall be direct drive and suitably grounded. Bath Fans shall be from Marley Engineered Products, 470 Beauty Spot Road East, Bennettsville, SC 29512

SPECIFICATIONS

HVI CERTIFIED RATINGS

MODEL	DUCT SIZE	ROUGH-IN OPENING	AMPS	CFM	SONES	SQ. FT BATH	SQ. FT OTHER
MM648	3”	6⁷/₈” X 7⁷/₈”	0.89	60	3.5	55	75
MM748	4”	6⁷/₈” X 7⁷/₈”	1.1	70	5.0	65	85

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

INSTALLATION INSTRUCTIONS

1. Attach duct adapter to housing by first inserting pin on duct adapter into round hole in top of housing, then pivot and align two locking tabs with small rectangular holes. See Fig. 1. Press tabs firmly into holes to lock.

   NOTE: The attachment of the duct adapter to the housing may be reinforced if desired, by installing a #8AB screw through the obround hole in the duct adapter and the small round hole in the housing.
2. Attach housing to joist with screws or nails. Housing is stamped to show a line at ¾" for standard sheetrock and plaster and ⅜" for drywall. See Fig. 2.
3. Run 12VAC, 50Hz power leads from wall switch or Model 1011 timer to appropriate knockout in housing. Use a BX or Romex connector on outlet box.

   NOTE: The knockout support may be reversed if desired, to open alternate knockout hole and cover the unused hole. See Fig. 4. If both holes are to be used, simply remove knockout.
4. Remove outlet box cover by pulling downward while simultaneously pushing in side of cover at indicated point to release locking tab. Connect wire from wall switch to motor leads and light receptacle wires using approved wire connectors — white to white, black to black. Connect ground wire to green screw in outlet box. Replace outlet box cover insuring locking tab is engaged.
5. Use appropriate size duct for best performance. Model MM648 uses 3" duct. Model MM748 uses 4" duct.

   IMPORTANT: BE SURE NOTHING OBSTRUCTS THE DISCHARGE OF THE FAN. TAKE PRECAUTIONS TO ENSURE THAT INSULATION DOES NOT GET INTO THE DUCT WORK OR FAN DISCHARGE OPENING.

INSTALLATION IN EXISTING HOMES

1. Review the section: "New Home Installation" and follow instructions where applicable.
2. Refer to wiring diagram for wiring.
3. Determine location of ventilator, remembering that the housing must be installed next to a joist.
4. Drill a small hole in ceiling in proposed location, then locate this hole in the attic.
5. In the attic, position housing against ceiling joist and over drilled hole. Using the housing as a template mark ceiling for cutout. Make cutout on this outline.
6. Remainder of the installation is the same as steps 1 thru 5 under "New Home Installation" above. Any cracks between housing and ceiling may be plastered or caulked.

FIG. 1

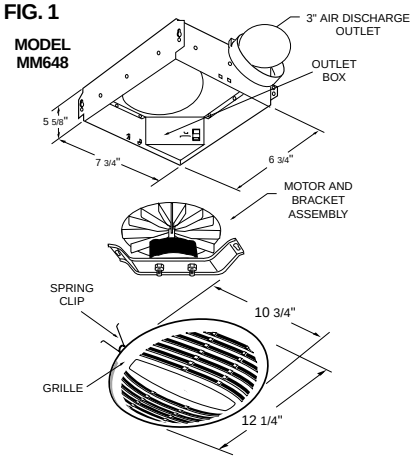


FIG. 2

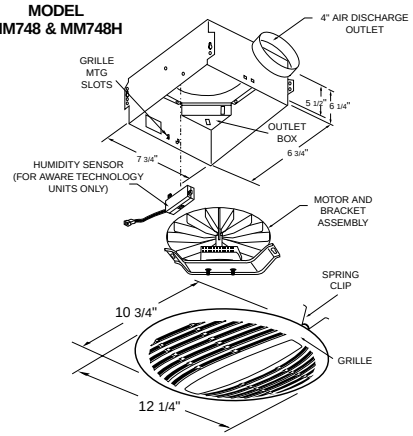


FIG. 3

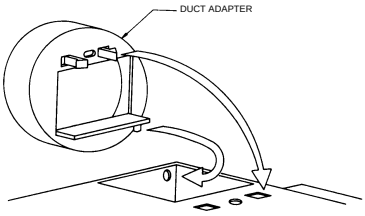


FIG. 4

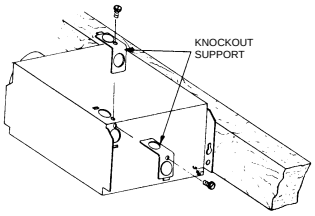
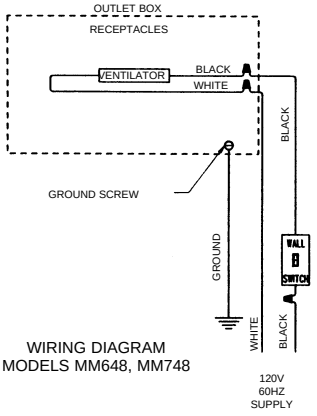


FIG. 5



WIRING DIAGRAM
MODELS MM648, MM748

Marley Engineered Products

470 Beauty Spot Road East,
Bennettsville, SC 29512
For more info visit www.marleymep.com