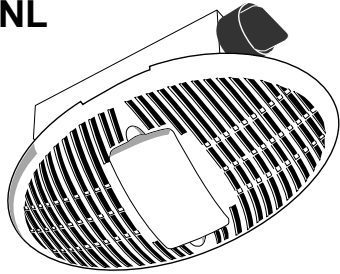


## Bath Fans

### Models MM698, MM698WC, MM698F & PERFORMANCE DATA MM728NL

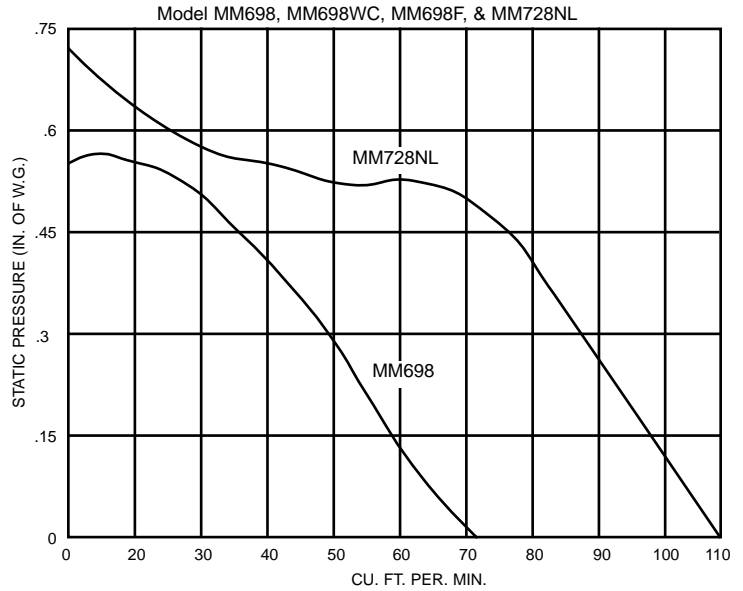


#### MODEL DESCRIPTION

Designer elliptical grille, with integral light, blends beautifully with any décor. These "All in One" models offer light, ventilation and heat which can be operated singly, or in any combination. Models MM698WC and MM728NL include a color matched, pre-wired, single gang wall control and model MM 728NL also features a night light. Designed to accommodate installation between 2 x 6" ceiling joist, they are available in either 70 CFM or 100 CFM for ventilation and deliver 1500 watts of instant fan-forced heat. Marley Engineered Products Bath Fans are intended for use in bathrooms, but can be used in other areas where ventilation is required.

#### FEATURES

- Adjustable mounting brackets for easy installation between 2 x 6" ceiling joists 16' or 24" O.C.
- Elliptical grille with durable Lexan lens snaps on and off for easy bulb replacement.
- 100-watt lamp capacity or 13-watt compact tube 2-pin fluorescent. (Lamps not included)
- 7 1/2 Watt night light. Model MM728NL (Lamp not included)
- 4" duct adapter with integral back draft damper.
- EZC Steel constructed internal components.
- 1500 watts of fan-forced heat.
- UL listed IC for use in insulated ceilings.
- Pre-wired, single gang wall switch included on models MM698WC and MM728NL.
- Builder split pack available. (A698X1 Housing4 pack, MM698X2 finish pack single)



#### SUGGESTED SPECIFICATIONS

Bath Fans shall bear the HVI Tested Certified Seal and the UL label. Fan housings to be constructed of galvanized steel with internal components constructed of E.Z.C. steel. Fans shall not exceed sound ratings shown. Fans shall have integral duct adapter with back draft damper. Fan grille and lens shall be made of unbreakable heat-resistant thermoplastic. Heater and ventilation sections shall be removable without disturbing the housing by use of individual plug and receptacle connections. Fans shall be provided with mounting brackets for installing between 16" or 24" O.C. joist. Fan motors shall be direct drive and suitably grounded. Baths Fans shall be from Marley Engineered Products, 470 Beauty Spot Road East, Bennettsville, SC 29515.

#### SPECIFICATIONS

#### HVI CERTIFIED RATINGS



#### SQ. FT

MODEL	DUCT SIZE	ROUGH-IN OPENING	AMPS	CFM	SONES	BATH	OTHER
MM698 Series	4"	8" X 14 <sup>5</sup> / <sub>16</sub> "	13.8	70	3.0	65	85
MM728NL	4"	8" X 14 <sup>5</sup> / <sub>16</sub> "	13.8	60	5.5	95	125

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

\*Includes Heater

## NEW HOME INSTALLATION

- Attach duct adapter to housing by first hooking two mounting tabs over flange in discharge opening. Pivot duct adapter insuring aligning tabs are inside opening and align two locking tabs with small rectangular holes. See Fig. 3. Press tabs firmly into holes to lock.
- NOTE:** The attachment of the duct adapter to the housing may be reinforced if desired, by installing two #8AB screws through holes in the duct adapter and the small holes in the housing.
- Remove grille assembly carefully and place in a safe location.
  - Before removing main unit from carton, loosen the two heater retaining screws "A" (Fig. 1). Pull plug "P" from its receptacle. Squeeze the heater frame to release the heater retaining bracket and carefully lift out the heating unit until the screws disengage the keyholes. Place in a safe location.
  - Check the ventilating section. Be sure that the motor bracket is secured tightly to the cover plate. If not, loosen the two mounting screws, twist the motor bracket counter-clockwise into place and retighten the screws.
  - Next, pull the plug "R" from its receptacle, remove the retaining screw "B" and lift out the ventilating section. Be careful not to disturb the fan blade. Save the retaining screw.
  - Insert mounting brackets into the slots on housing, with angles pointing away from housing. Position housing into ceiling location. Housing should extend 3/8" for drywall or 3/4" for standard sheetrock and plaster below joist. Pull mounting brackets against ceiling joists and fasten securely. (Fig. 4)
  - Attach four inch diameter duct to duct adapter and run to roof cap or wall cap. See Figs. 5 & 6.
  - Run 120V AC, 60Hz power cables from wall switches to appropriate knockout in housing and attach using a BX or Romex connector.
- NOTE:** Each mode of the unit heat/light/fan will require an individual cable from the switch/control. Refer to the wiring diagram designated for the model being installed.
- Connect cables to receptacle wires in the unit using approved wire connectors. Connect ground wire to ground (green) screw in unit.
  - Restore ventilating section to its original location. Be sure to engage plate with tabs and fasten it with retaining screw "B". Push plug "R" into receptacle.
  - Restore heating unit to its original location. Tighten retaining screws "A". Push plug "P" into receptacle.
  - Remove lens from grille assembly by squeezing both sides. Lift grille assembly to unit and push plug into light receptacle "S". Engage the long mounting screw into formed hole in cover plate. See fig. 1. Tighten until grille is snug against ceiling.
  - Install 100 watt maximum type A-19 bulb and on model MM728NL a 7-1/2 watt candelabra base C-7 night light bulb. For model MM698F, install a 13 watt twin or quad tube 2-pin compact fluorescent lamp. Snap the lens into it's original location.

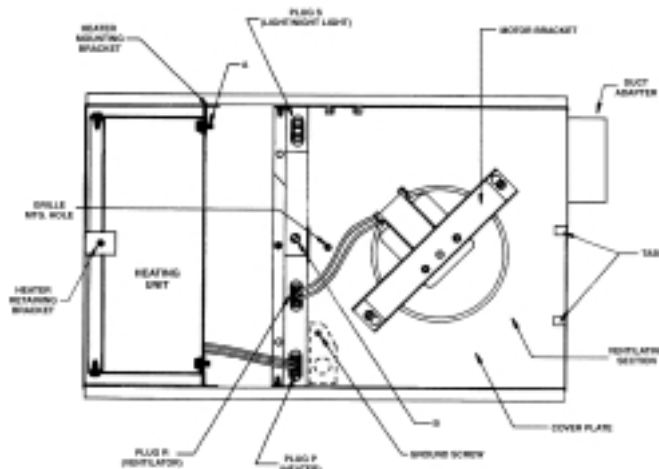


FIGURE 1 (ALL MODELS)

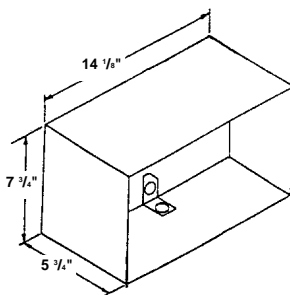


FIGURE 2

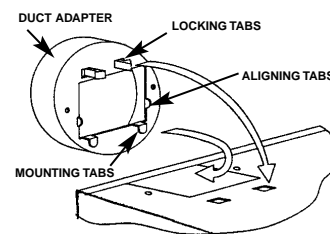


FIGURE 3

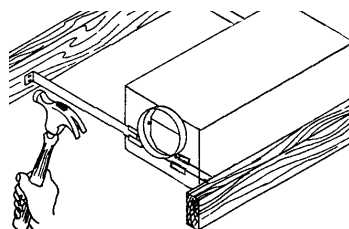


FIGURE 4

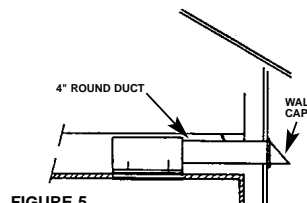


FIGURE 5

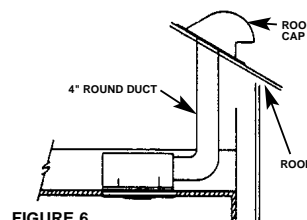
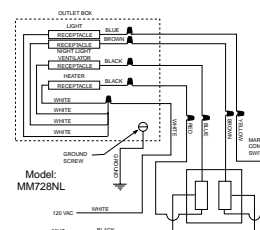
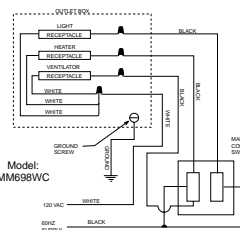
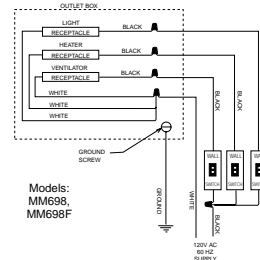


FIGURE 6



## INSTALLATION IN EXISTING HOMES

- Review the section: "New Home Installation" and follow instructions where applicable.
- Refer to wiring diagram for wiring and **Figure 5 & 6** for duct work.
- Drill a small hole in proposed location, then locate this hole in the attic.
- In the attic, position housing between ceiling joists and over drilled hole. Using the housing as a template, mark ceiling for cutout. Make cutout on this line.
- Remainder of the installation is the same as Steps 4 through 9 under "New home Installation." Cracks between housing and ceiling may be plastered or caulked.



470 Beauty Spot Road East,  
Bennettsville, SC 29512  
For more info visit [www.marleymep.com](http://www.marleymep.com)