

Getting Started

Unpacking: Carefully unpack and inspect the entire unit prior to installing. Ensure there is no visible damage and all contents are included.

Contents: Evaporative Cooler Unit(1), Manual(1)

Choosing Best Location: Ensure the unit location meets the following

- Unit is a reasonable distance from sources of heat, smoke or fumes—and in accordance with any codes or regulations. It is important that the air being drawn into your living space is clean and fresh.
- Unit is positioned for optimal access for servicing requirements.

Note: This cooler is designed to be mounted in either a side discharge position **or** down discharge position. Assembled models are shipped from the factory in the down discharge position. If side discharge is desired, it will be necessary to remove the motor/prop/brackets from the down position and re-install in the non-media side. For unassembled models, refer to “Assembly” sheet.

See Fig. 1 below

This step should be performed with the cooler still on the ground level.

Installation

 ***DO NOT connect power until installation is complete.***

Down Discharge Installation:

DX4800: Designed for use with a 18”X18” adjustable pitch roof jack (**Hessaire PN: 12735**) and leg kit (**Hessaire PN: 12728**). Roof jack and leg kit sold separately.

DX6800: Designed for use with a 20”X20” adjustable pitch roof jack (**Hessaire PN: 12736**) and leg kit (**Hessaire PN: 12728**). Roof jack and leg kit sold separately.

Cut square opening according to roof jack size: 18”X18” or 20”X20”

Ensure unit is securely mounted to roof and level. Roof jack tilt angle can be adjusted as needed and leg height can be adjusted as needed. Ensure fasteners are secured and tightened once cooler is level and in final position. See Fig. 2.

Side Discharge Installation:

DX4800: Use leg kit (**Hessaire PN: 12728**). Sold separately.

DX6800: Use leg kit (**Hessaire PN: 12728**). Sold separately.

Side ducting must accommodate side discharge opening. See Fig. 3 dimensions.

Ensure unit is securely mounted to roof and level. See Fig. 2. Ensure fasteners are secured and tight once cooler is level and in final position.

Water Connection: 60psi Max Water Pressure

Connect water line to float fitting. Float fitting size: Standard 1/4”

Electrical: For use with Hessaire Thermostat (PN: HTH01). Sold separately.

Fig. 1

Discharge Position Change Steps:

Unit is shipped in down discharge position. See following steps if side discharge is desired.

Disconnect motor wires and harnesses.

For side discharge, remove screws holding all 4 motor mount brackets.

Remove venturi and motor/prop.

Fasten motor & venturi to new position.

Remove screws holding non-media cover panel.

Re-attach cover panel to bottom of cooler.

Secure fasteners.

Reconnect motor wires. Harness motor wires out of reach of propeller.

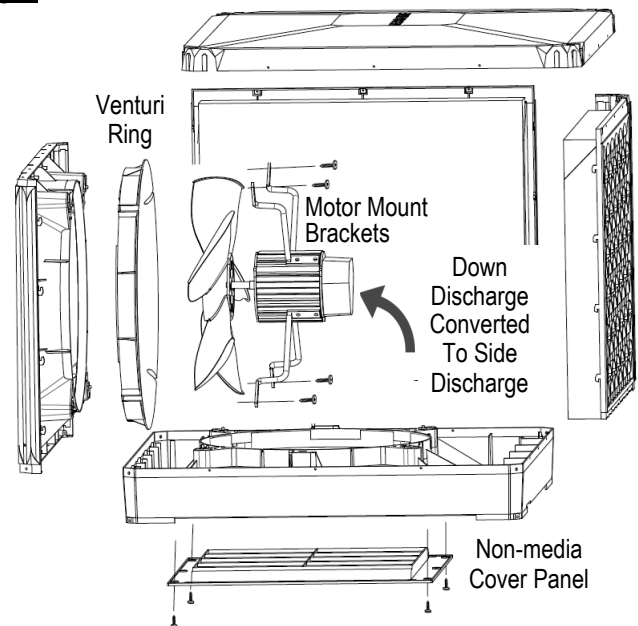


Fig. 2.

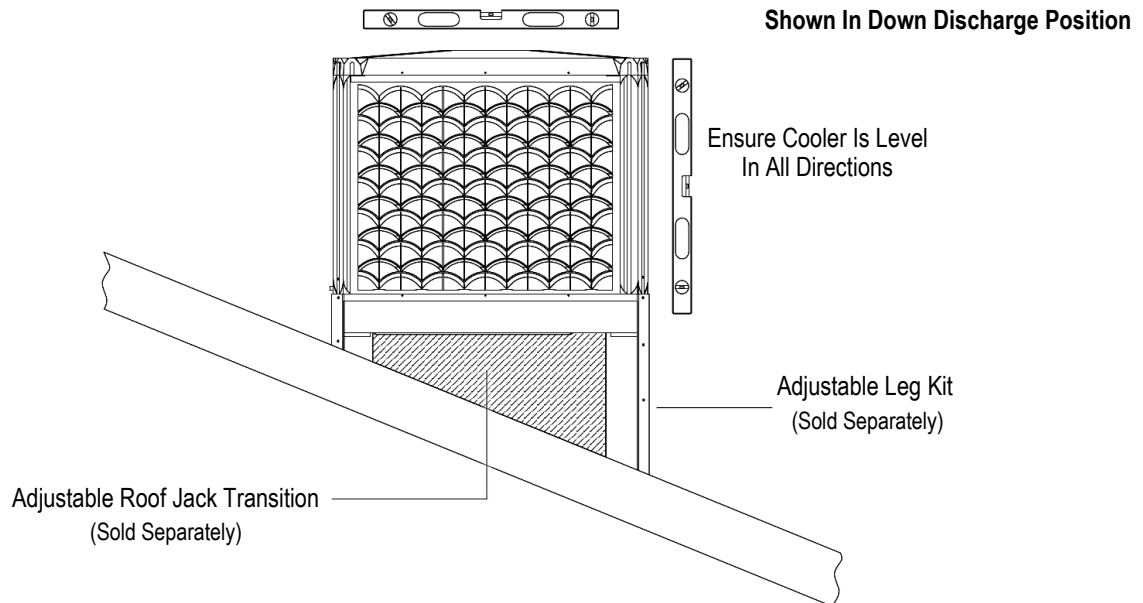


Fig. 3

Dimensions (shown on side discharge position)

Model	H	W	D	A	B	E	F	G	J	K
DX4800	25 5/8"	32"	31"	16 1/2"	16 1/2"	7 3/4"	5 7/8"	16"	4 1/8"	4"
DX6800	32"	36"	35"	20"	20"	8"	7 1/2"	18"	4 3/4"	4 7/8"

