



PRODUCT SPECIFICATIONS

NOTE - WD8-100 HUMIDIFIER IS ONLY AVAILABLE IN CANADA!

FEATURES

WARRANTY

All covered components - limited one year in residential applications.

Refer to Lennox Limited Warranty Certificate included with each unit for additional details.

APPLICATIONS

Applicable to most forced air installations.

Installs on return air plenum or duct and connects to the supply plenum or duct with flexible pipe provided.

Right or left hand duct connection.

Humidifier shipped in one package. All components shipped loose and field installed.

Package Includes: complete humidifier, 6 in. diameter flexible duct, starting collar and damper, 120/24VAC transformer, plastic water supply tubing and saddle valve kit, wiring harness, combination wall/duct humidistat, installation instructions and mounting templates.

SEQUENCE OF OPERATION

By-passed supply (warm) air flows through the cylindrical polyurethane foam filter media.

Air is moistened as it rotates through the water reservoir.

Air re-enters air stream on the return side.

CABINET

Constructed of high impact, temperature resistant NORYL®.

Corrosion resistant anodized aluminium cover has plastic window for observing unit operation.

Large cover provides easy access for service.

COMPONENTS

Damper Starting Collar

6 inch starting collar with damper furnished for supply air connection in plenum or duct.

Flexible 6 inch pipe and clamps furnished for connection to inlet collar on humidifier.

Polyurethane Foam Pad Media

Provides large evaporation capacity.

Two piece corrosion resistant thermoplastic drum frame is adjustable for easy removal of pad for cleaning or replacing.

Stainless steel shaft.



Up to 23 Imperial Gallons Per Day Evaporation

Motor

Permanently lubricated, synchronous drive.

May be mounted on either side of cabinet.

Float and Valve Assembly

Corrosion proof plastic float.

Shuts off water when water reservoir is filled to capacity.

Water level is adjustable.

Includes anti-splash shield.

Water Reservoir

Constructed of non-corrosive, high temperature thermoplastic with visible water level mark.

Easily slides out of unit for service.

Saddle Valve

All necessary fittings furnished as standard equipment.

Includes 10 ft. of 1/4 in. diameter polyethylene tubing.

Field installs in the water supply line.

Transformer

120/24 VAC is furnished as standard equipment.

Mounts in or near furnace wiring junction box.

Complete with 13 ft. of wire.

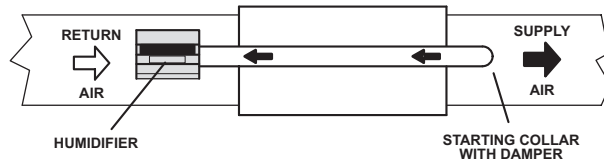
Humidistat

Can be mounted on wall or duct.

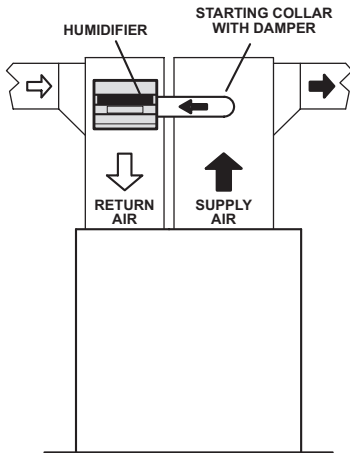
Provides automatic control of room relative humidity.

Wired in series with the humidifier motor.

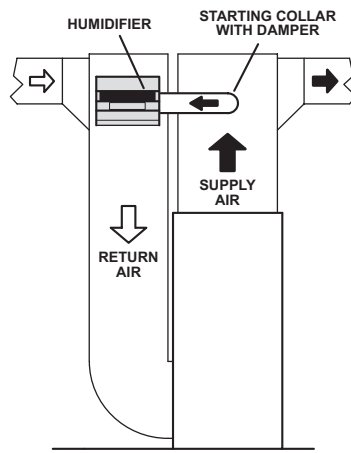
TYPICAL APPLICATIONS



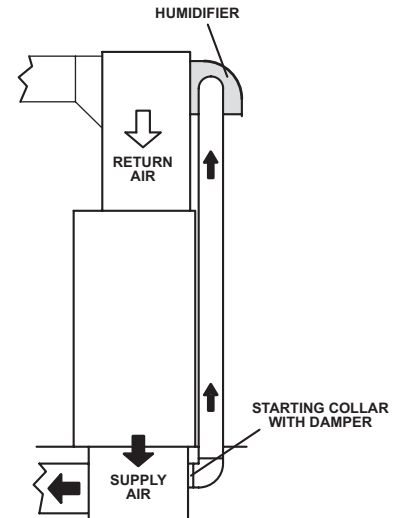
HORIZONTAL UNIT



LO-BOY UNIT



UPFLOW UNIT



DOWNFLOW UNIT

SPECIFICATIONS

| Model No. | | WD8-100 |
|--------------------------------|----------------------------|-----------------------|
| Connections diameter | Air supply | 6 in. |
| | Water supply - compression | 1/4 in. compression |
| | Drain - tubing | 3/8 in. OD |
| | Transformer | 120/24 volt |
| Motor | Voltage/RPM | 24V/1 |
| | Motor operating watts | 3 |
| Dimensions in. (mm) | Length | 11 (208) |
| | Width | 12 (305) |
| | Height | 11-1/2 (290) |
| | Plenum Connections | 7 x 7-7/8 (175 x 200) |
| Shipping weight - lbs. (1 pkg) | | 13 |

PERFORMANCE DATA

| Model Number | | WD8-100 | | | | |
|--------------------|--------------------------------|---------|-----|-----|-----|-----|
| Plenum Temperature | °F | 80 | 100 | 120 | 140 | 160 |
| | Imperial Gallons Water per Day | 4 | 8.5 | 13 | 18 | 23 |

NOTE - Daily output capacity based on indoor temperature of 72°F and 32% relative humidity

¹ AHRI standard rating conditions: 140°F at 0.2 in. w.c. static pressure.



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Contact us at 1-800-4-LENNOX

NOTE - Due to Lennox' ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability.

Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury.

Installation and service must be performed by a qualified installer and servicing agency.

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