

ATTENTION INSTALLER:

This product must be installed by a qualified heating and air conditioning contractor. Failure to do so could result in serious injury from electrical shock. This product must be installed in compliance with all local, state and federal codes. Proper humidification and humidity control also requires that the home be constructed in accordance with local codes and good building practices.

Aprilaire® MODEL 700 SERIES HUMIDIFIER

⚠ WARNING

- 1. ELECTRICAL SHOCK HAZARD.** Disconnect electrical power to the furnace before starting installation. Failure to do so could result in serious injury from electrical shock.
- 2. SHARP EDGES HAZARD.** Sharp edges may cause serious injury from cuts. Use care when making plenum openings and handling ductwork.
- 3. RISK OF SCALDING.** Water temperatures over 120°F can cause severe burns and scald instantly. Shut off the hot water supply before disconnecting or tapping into any hot water supply line.

⚠ CAUTION

RISK OF PROPERTY AND EQUIPMENT DAMAGE.

- 1. Do not install humidifier where freezing temperatures could occur. The water line could freeze and crack causing water damage to the home.
- 2. Do not install humidifier on the furnace jacket.
- 3. Do not install humidifier on a plenum face where the blower off ends of the cooling coil will restrict air movement through the humidifier.
- 4. Do not set humidity level above recommended or to recommended level if condensation occurs on inside windows of any unheated areas, as condensation damage may result. Excess humidity can cause moisture accumulation which can allow the possibility for mold growth in the home.
- 5. Do not connect the Model 700 or 700M power cord to multi-speed furnace blower motors or blower motors other than 120 VAC. Premature component failure may result. Use Research Products Corporation Model 50 Current Sensing Relay.
- 6. When installing Humidifier Control on a dampness furnace, ensure blower continues to run after a heat call is satisfied to eliminate high temperatures from damaging the Control.
- 7. Do not install humidifier where water pressure exceeds 125 psi, since damage to the humidifier may result. Follow codes in effect concerning pressure reduction.
- 8. Do not install humidifier on the supply plenum where static pressure exceeds 0.4 in. w.g.

SPECIFICATIONS

HUMIDIFIER DIMENSIONS
 Width 10 7/8"
 Height including control valve and drain-coil 18"
 Depth 10 1/2"
PLENUM OPENINGS
 14 1/4" W x 14 1/4" H
WATER FEED RATE
 8 gph
ELECTRICAL DATA
 120 VAC-60 Hz, 0.8 AMP

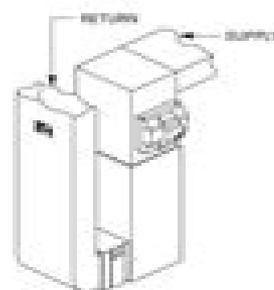
RECOMMENDED WIRING DIAGRAMS

SEE STEP 6 ON BACK AND "HUMIDIFIER CONTROL SAFETY AND INSTALLATION INSTRUCTIONS" FOR DETAILED WIRING INSTRUCTIONS

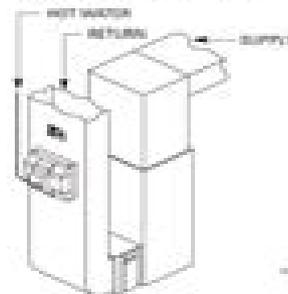


INSTALLATION OPTIONS

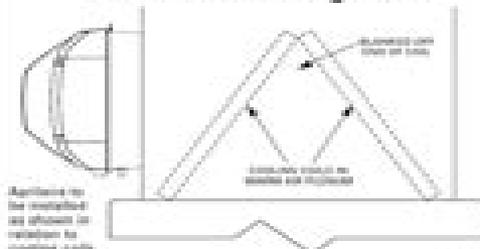
Typical Installation



Alternate Installation



Orientation of Aprilaire Model 700 and 700M to Cooling Coils



NOTES

- 1. Models 700 and 700M are not suitable for installation on ducts with horizontal surface. Performance will be reduced.
- 2. When installing the Aprilaire humidifier with the Aprilaire Digital Humidifier Control or on a float pump system, use hot water. The heated water supplements the reduced supply air temperature as added heat for evaporation.

Aprilaire Steam Humidifier Installation Manual

RC Schank



Aprilaire Steam Humidifier Installation Manual:

Reviewing **Aprilaire Steam Humidifier Installation Manual**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is truly astonishing. Within the pages of "**Aprilaire Steam Humidifier Installation Manual**," an enthralling opus penned by a highly acclaimed wordsmith, readers embark on an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve in to the book is central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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