

Specification Sheet

Condair Electro Residential Whole-Home Steam Humidifier

Condair WH – The Whole-Home Steam Humidifier for Forced Air Systems Condair WH-D Series (2606628) & Condair WH-S Series (2606629)

The whole-home steam humidifier is the most advanced residential steam humidifier on the market. The Condair WH steam humidifier produces clean atmospheric steam to humidify your entire home, which is critical for your health, comfort and preservation of valuable investments.



- Pure, clean, sterile whole-home steam humidifier
- Reduces virus transmission
- Reduces electrostatic discharge
- Improves comfort and health
- Electrode steam technology boils water in a plastic cylinder – when cylinder reaches end-of-life, simply replace
- Automatic control – set it and sleep easy
- Quiet operation
- Automatic fill and drain cycles
- Patented auto-adaptive water management maximizes cylinder life
- Wall mounted for direct room or duct steam distribution

Technical Specifications

- | | |
|--|---|
| • Dimensions H x W x D [in. (mm)]: | 18.4 (467) x 10.4 (265) x 6.9 (175) |
| • Net weight / full weight [lbs. (kg)]: | 19 (8.6) / 26 (11.8) |
| • Capacity @240V [lbs/hr / kg/hr / gpd]: | 7.8 / 3.6 / 22 |
| • Capacity @208V [lbs/hr / kg/hr / gpd]: | 6.7 / 3.0 / 19 |
| • Capacity @120V [lbs/hr / kg/hr / gpd]: | 3.9 / 1.8 / 11 |
| • Steam outlet diameter [in. (mm)]: | 1.0 (25) |
| • Rated power (kW): | 2.9 (@240V) / 2.5 (@208V) / 1.4 (@120V) |
| • Voltages: | 110-120V / 208V / 220-240V |
| • Phase, Frequency: | 1 Phase, 50/60 Hz |
| • Rated current (MCA): | 12.0 A |
| • Max. breaker (MOCP): | 15 A |
| • Water supply type: | Potable, cold water |
| • Water pressure required (psi): | 30 - 80 |
| • Water conductivity (µS/cm): | 125 to 1,250 |
| • Control device types: | Demand, RH sensor |
| • Control signal types: | Modulating, ON/OFF |
| • Furnace fan relay: | Yes |
| • Ambient temperature [°F (°C)]: | 40 – 104 (5 – 41) |
| • Water supply connection size [in. (mm)]: | 0.25 (6.35) |
| • Drain water connection size [in. (mm)]: | 0.8 (20) |

Included in the box (Condair WH-D)

- Humidifier
- Quick start guide
- Steam distributor and gasket
- Steam hose (5 ft.)
- High limit control sensor
- Duct sensor
- Water supply hose (20 ft.)
- Drain hose (10 ft.)
- Hardware/fittings

Included in the box (Condair WH-S)

- Humidifier
- Quick start guide
- Water supply hose (20 ft.)
- Drain hose (10 ft.)
- Space humidity sensor
- Hardware/fittings

Site requirements

- Drain
- Cold, potable water supply
- Forced air ventilation system
- 120V, 208V or 240V, single-phase, 50-60Hz power supply

Recommended Options

- Air proving switch (2598427) for WH-D

Recommended maximum home size sq.ft (sq.m)*

TYPE OF CONSTRUCTION	110-120/1	208-240/1
Tight house Half an air change per hour Outside air 0°F (-17.9°C) and 80% rh	2865 (266)	5760 (532)
Average house One air change per hour Outside air 20°F (-6.7°C) and 80% rh	1913 (178)	3825 (356)
Loose house Two air changes per hour Outside air 31°F (-0.6°C) and 80% rh	1455 (135)	2910 (270)

Does not include internal moisture gains. Based on 8ft (2.44m) ceiling height.
Based on 75°F (23.9°C) 30% rh space design conditions.