

JS Condair GHMC E40, E80, E120, E160

Self-Contained Economical Gas Fired Humidifier Running on Natural Gas Energy

Designed for quality economical installations. Provides high efficiency, low maintenance, and clean humidification. An Isothermal System that produces mineral free, odorless and sterile steam. Steam is generated at atmospheric pressure inside a fully insulated stainless steel tank. Utilizing a pre-mix, variable speed, explosion proof blower and a negative pressure gas regulating valve, an ideal fuel air mixture is maintained, providing the highest possible combustion efficiency, at all outputs.

All models feature full frontal and top access via removable key locked doors. The unit arrives completely assembled inside a satin coat, powder paint, corrosion and scratch resistant cabinet. An air gap, between the cabinet and the fully insulated tank, contributes to the zero clearance characteristics.

The unique vertical heat exchanger, fully contained within the tank, minimizes the floor space requirements. Both the heat exchanger(s) and the tank are constructed from stainless steel for long life and corrosion resistance to all water types.

The alphanumeric display on the front of the unit, provides status indication including automatic fault diagnostics. All models feature modulating output or manual capacity adjustment (E40:50-100%;E80:25-100%;E120 18.5-100%; E160:12.5-100%)

Features

- Zero clearance with fully insulated and efficient tank design
- Unique vertical heat exchanger constructed of stainless steel
- Totally enclosed cabinet with integrated gas burner, control and water tank
- All stainless steel water control system, separate from the tank
- Cleanable stainless steel tank with no hidden surfaces
- Removable tank lid using hand knobs (no tools required)
- Self-Test diagnostics on start up with self-monitored and fail safe operating system
- Auto tank drain on 3 day off cycle adjustable
- Modulation control combined with staging of burners for seamless operation maximum to minimum output
- Automatic duty cycling of burners for equal usage
- Alphanumeric display with unit faults indication and status indicator lamps
- BMS and modulating humidistat compatibility
- Attractive, durable, lockable cabinet with front and top access
- Economical natural gas energy
- Forced draft combustion system with pre-mix variable speed air blower(s) and negative pressure gas valve
- High thermal efficiency rating of 83%
- BG (British Gas) Technology certified (BG/EC-87/98/91)
- One year limited warranty