



TE  
SERIES



**Keep it Simple!**

## Condair TE Series Ceiling Mounted Evaporative Humidifier



*The TE Series is available  
in one size for quick and  
easy installation.*

Condair is the world leader in humidification and evaporative cooling technology, creating the most appropriate solutions for every specific need.

The TE Series (Tile Evaporative) by Condair is a self-contained ceiling mounted humidifier that has been designed for ease of installation and retrofits, easy operation, reliability, and energy efficiency.

The TE Series is a simple solution to achieve precise humidity control for small and medium applications.

This ceiling mounted, evaporative media humidifier has been specifically designed to provide humidification at a low cost. In fact, it is one of the lowest energy consuming humidifiers on the market, decreasing direct energy costs by 95%, when compared with steam humidifiers.

When the TE Series humidifier is operating, dry air is drawn from the environment, passing through a wetted media cassette, where water is evaporated into the air stream.

The TE series is a direct feed system without water recirculation. For extended media life, the frequency of the drain can be adjusted according to the supply water quality which will help prolong media life.

Each unit is designed to humidify a space directly, and fits most standard suspended ceilings for discrete operation, saving space. The humidifier can also be installed in open ceilings. Control of the TE Series is made easy through a wall mounted remote controller, which includes an integrated humidistat.

Humidification, dehumidification  
and evaporative cooling

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## Features

- Innovative design – Self-contained humidifier
- Evaporative media ensures quiet and safe operation
- Polyester media can be washed and reused
- Modulating control
- Wall-mounted remote controller
- Hygienic design eliminates stagnant water
- Modular, expandable design – Apply as many or as few as needed

## Benefits

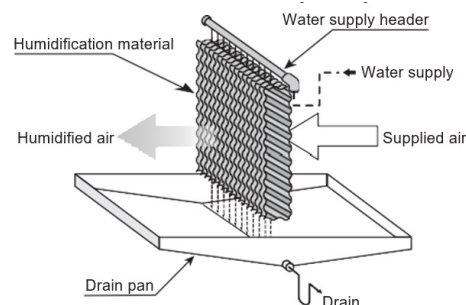
- Cost Savings - Low energy consumption (97W)
- Compact design - Easy to Install and service
- Hidden installation – No usage of floor or wall space
- Low noise operation. It meets a Noise Criteria (NC) max value of 40 dB(A) and can be used where a silent atmosphere is required
- Direct room humidification ensures accurate control
- Ideal for retrofits - Central ventilation systems are not required
- No Pre-heat source required

## Applications

- Retrofits
  - Bundles with VRV and radiant heating systems
  - Independent of any HVAC equipment, can be used for localized humidification needs
  - Easy to install in a standard 2'x2' or 2'x4' tile space\*, drywall and open ceilings
- \*Trimming of the grid system or plastic flashing might be required

## Installation

- The Condair TE series is available in one size for quick and easy installation - 5 lb/hr (2.2 kg/h)



## Technical Specifications

Nominal Capacity	5 lbs/hr (2.2 kg/h) *Intake air conditions for the above ratings: 73°F (23°C) and 40% RH for high fan operation. Standard humidification capacity varies depending on intake air conditions	
Operating noise	Max 40/40 dBA, Min 23/21 dBA	
Rated voltage	120 VAC, 60 Hz (power cord included)	
Rated power consumption	97 W	
Operational Weight	64 lbs (29 kg)	
Color	White (approx. color: Munsell 6.5Y 9.5/0.5)	
Drain Water	Max. 0.2 GPM (0.9 L/min) (Drain pump max. lift: 31" (800 mm) when located 47" (1200 mm) from humidifier)	
Inlet and drain connections	1/2" BSPT (1/2" NPT adapter included)	
Operating conditions	Ambient temp. and humidity	41-104 °F (5-40 °C)
	Intake air temp.	41-104 °F (5-40 °C)
	Supply water quality	Drinking water or equivalent
	Supply water pressure and temp.	7-72 Psi, 41-86 °F (5-30 °C)
Safety	Drain pan high water level detection Water leakage detection Drainage failure detection at drain pump	

Contact your local Condair representative today for a free quote.