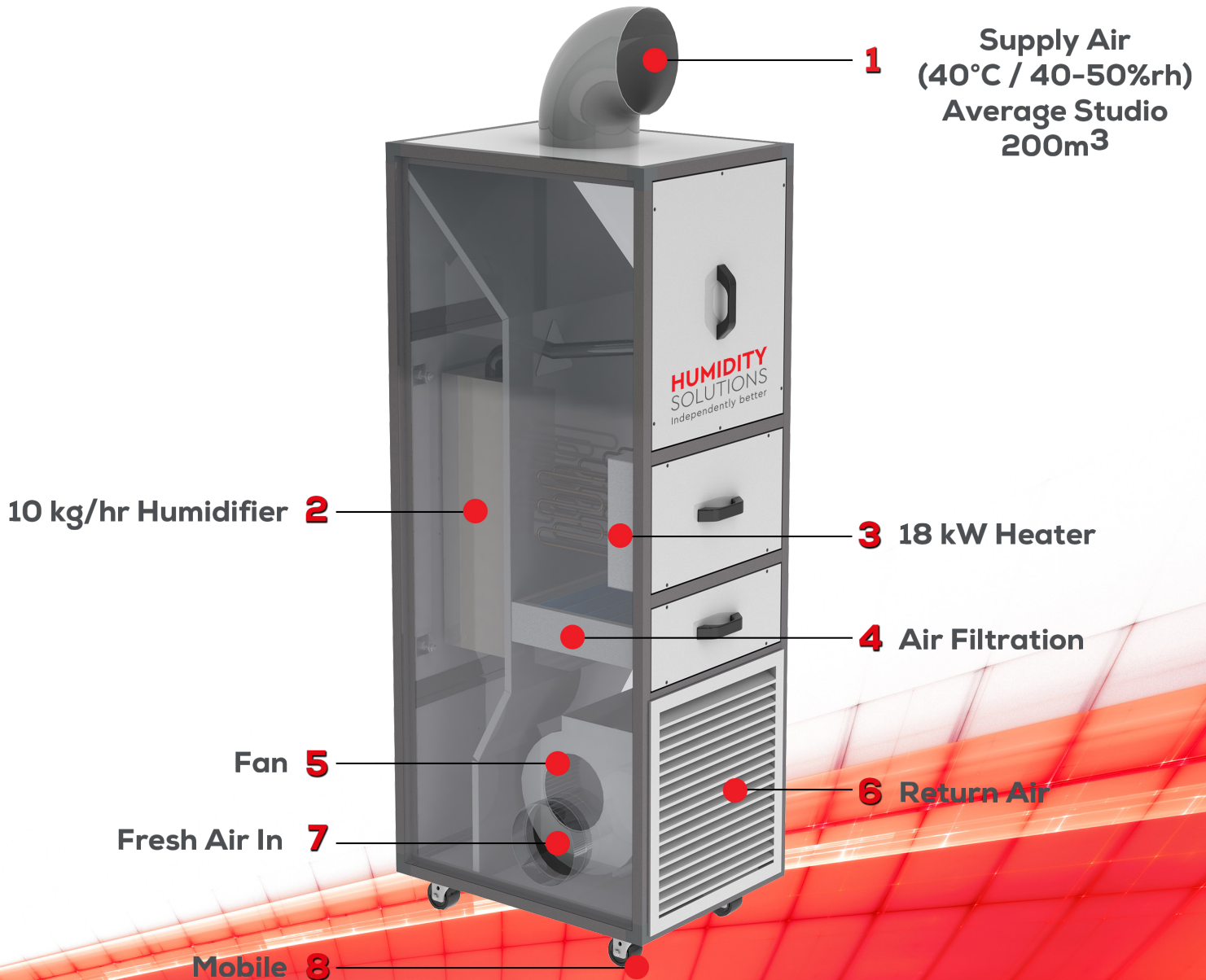


# HUMIDITY SOLUTIONS

Independently better

## Vesuvius

Heating & Humidification Tower



### The ideal solution...

- 3 in 1: Heating, Ventilation & Humidification
- The Hot Yoga system
- Low Noise Output
- Easy Installation & Maintenance

## Description

Vesuvius designed to provide the ideal Hot yoga environment.

Heating, humidity control, air filtration and air movement all supplied in one purpose made package. An Individual Vesuvius is able to control a studio up to 200m<sup>3</sup> to a stable 40C and 40%rh with the minimum of installation and straight forward maintenance.

Constant air flow ensures low acoustic impact in the studio with silent heater operation and pure steam humidity added to create a comfortable environment.

Conditioned air is added via ductwork to suit the studio look – funky fabric or sterile stainless steel.

Fresh air can be introduced via the Vesuvius system to conform with building regulations with the option of a heat recovery unit to ensure high energy efficiency. Filtration eliminates odors with an essence pump adding your desired fragrance to the supply air.

Built in controls ensure that all the components needed to provide the perfect studio atmosphere work seamlessly together with programmable timer and auto start / stop shown on a straight forward operator interface control panel.

Vesuvius the only system designed specifically for Hot studios.

## Model

Model	Humid Capacity (Kg/Hr)	Heater Output (kW)	Power Supply (V/phase)	Total Power (kW)	Current (Amps)	Filtration	Air Volume (m <sup>3</sup> /s)	Dimensions H x W x D (mm)	Outlet (mm)	Inlet (mm)	Fresh Air Inlet (mm)
VES-10	10	18	400/3	30	44	Panel	0.6	2465 x 600 x 800	355 dia	355 dia	250 dia

### Optional additions:

- Essence Pump to add aroma
- Paint Finish (External)
- Heat Recovery Unit
- Fabric Duct (Supply)
- Silencer
- Condensate Pump

## Specification

Description	Vesuvius
Power Supply	Europe: 400Vac, 3 Phases, 50Hz
Fan	High Efficiency EC Direct Driven Fan
Heater	Tubular element type, full proportional control
Noise Level	55 dBA at 1m (3.3ft) Fan
Air Volume	0.6 m <sup>3</sup> /sec
Air Supply	Natural ventilation from the room or optional outside with manually adjusted damper
Water Supply	Mains Water 2 Bar Minimum
Controls	Inbuilt control panel with external digital display and key pad for simple operation
Drain	25mm Copper
Heater & Humidifier Control	0-100% Modulating
Environmental Conditions (Operation)	10°C to 40°C, 40% rh ± 10% rh
Filter	Disposable synthetic panel filter with arresstance of G4 to BS EN 779 2002. The filter is fitted with a differential pressure switch
Casing / Construction	30mm aluminium pentapost frame, 25mm thick, double skinned galvanised mild steel panels with 60kg/m <sup>3</sup> vermin and rot proof mineral wall infill. AHU is mounted on the 360° rotating castors each fitted with a brake. External surfaces of panels are plastic coated in Goosewing grey BS4800 00 A 05
Humidifier	Electrode Boiler Type (Resistive Optional)
Evaporation Chamber	Stainless Steel

