

# Vapac<sup>®</sup>

March 2019

## Humidification and Steam Generation Specialists



## VapaLite

Simplified Humidification for a Light Commercial Application

 **NORTEK**<sup>™</sup>  
GLOBAL HVAC

# VapaLite

## Simplified Humidification for a Light Commercial Application

Humidity is essential to a healthy environment and for maintaining the correct conditions for people, furniture and equipment. The VapaLite is designed to meet the particular requirements of small commercial premises and can be used alongside all heating systems to maintain the required humidity levels during winter.

### Low Voltage Control Circuit

The VapaLite internal control circuit is operated at 24 volts AC.

### On/Off Humidistat Control

The VapaLite can be operated On/Off using a wall or duct mounted humidistat or external DC controller 0.5 V, 0 - 10 V, 2 - 10 V, 1 - 18V, 0 - 20 V, 4 - 20 mA.

### Steam Distribution

A steam distribution nozzle is included for installation into the ductwork system together with 1.5 m of both steam hose (22 mm diameter) and condensate hose (6 mm diameter). Stainless steel, steam distribution pipes are also available with 'in-duct' lengths 200, 300 and 400 mm.

### Room Distribution Unit (RDU)

Where a VapaLite is used for free discharge and without a ducted air distribution system, a Room Distribution Unit (RDU) is available. The RDU is mounted directly on top of the VapaLite and replaces the steam hose and duct steam distribution pipes. A small fan within the RDU blows steam into the room.

### Water and Drain

The VapaLite includes a built-in fillcup that provides a 25 mm air-gap in the water feed-line to prevent back-feeding or contamination of the feed water supply. The fill-cup includes a safety overflow circuit.

### Casing

The casing is manufactured from zinc pre-coat. The electrical section is fully enclosed. Access to the steam production area is via a lockable cover. The electrical section slides out for easy front access.

## Features

- > Two capacities: 2 Kg/hr and 4 Kg/hr of steam generation.
- > Powerful VapaNet operating system.
- > Easy to use.
- > Ideal for light commercial applications.
- > Drain pump.
- > Disposable and cleanable cylinders manufactured from recyclable materials.

### Technical Data

Operating Limits	Water Supply	Water and Drain Connections
Ambient Air Temperature 1°C to 35°C Water Temperature 1°C to 30°C Duct Pressure: 50 Pa	Conductivity: 80 to 1000µs Ph: 7.3 to 8.0 Supply Pressure: 0.3 to 8 bar Silica: 0 Hardness: 50 to 500 ppm	Supply Water: ¾" BSP Drain Outlet: 35mm OD

### VapaLite Units

LMV2 & LMV4	
Height*	500 mm
Width	325 mm
Depth	230 mm
Wet Weight	16 Kg
RDU Height	183 mm
RDU Weight	3.6 Kg

\*Drain trap underneath projects making overall height 565 mm.