

RESIDENTIAL HUMIDIFIER

Humidifying your home with a Nepronic SKR residential steam humidifier protects you from winter ailments. It reduces dry skin, sinus problems and scratchy throats by creating a healthier, more comfortable living environment. Proper humidity levels also protect valuables from permanent damage.



SKR Advantages

- Steam capacity from 3 to 5 kg/hr
- Permanent cleanable stainless steel evaporation chamber
- Patented siphon drain requires no drain valve or external tap
- Environment friendly – no plastic cylinders to replace
- On/Off operation, modulation optional
- Drain water tempered to below 60°C
- Self-cleaning heating elements

System Overview

Intelligent Controller

- Manages control sequences and performs self diagnostics
- On/Off or modulating control functions
- LED status display

Evaporation Chamber

Permanent, easily serviceable, stainless steel chamber. No need to replace expensive plastic bottles.

Heating Element

Self-cleaning, electric heater elements.

Internal Plumbing Assembly

High Voltage Quick Connect

Safe, fast and easy connection and reconnection of line voltage.

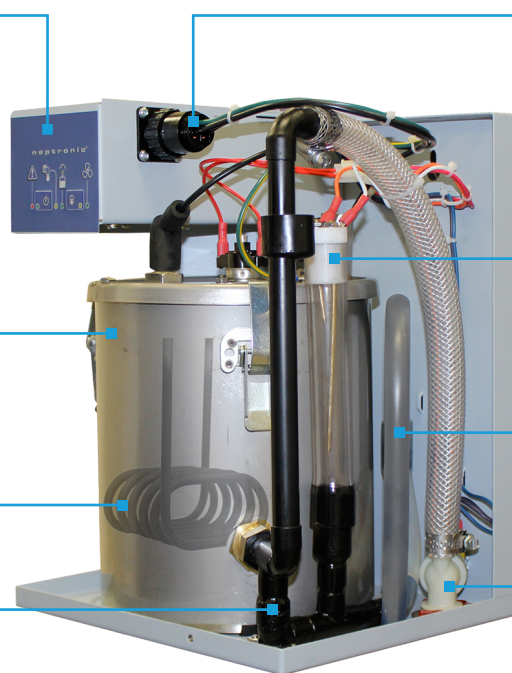
Water Level Sensors

Conductive water level sensors for normal operation level and drain level.

Patented Siphon Drain

Eliminates the use of a physical device such as a drain valve or external P trap to drain water.

Water Fill Valve



Specifications

Output and Consumption

Model	Capacity (kg/hr)	Power (kW)	Voltage	Amperage	Width (mm)	Height (mm)	Depth (mm)	Height with SDU (mm)
SKR3E	3	2.3	230Vac/1ph	10 A	267	368	229	500
SKR4E	3.75	2.5	230Vac/1ph	12.2 A	267	368	229	500
SKR5E	5	3	230Vac/1ph	16.1 A	267	368	229	500

Note: Operation with maximum 125Pa duct static pressure at steam distribution manifold location.

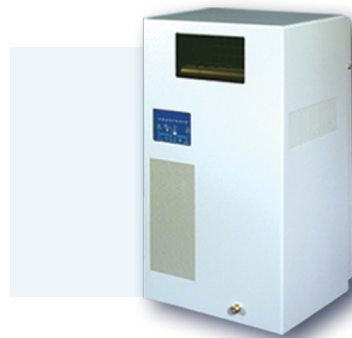
In-duct distribution

For a duct distribution installation, the SKR requires a SAM Steam Distribution System (see page 17).



Integrated SDU

This option is typically used in small stores, small warehouses and laboratories where the visibility of the unit is not an issue.



Remote SDU

Ideal for condos/apartments without a duct network, the remote SDU is designed for through-the-wall installation to provide humidification directly into the room.

Features

- Distribution unit is installed through a wall partition
- SKR humidifier is installed in a closet or other closed location
- Modern design of SDU front grill blends into any decor
- Low noise (less than 40dBa at 1m)
- Standard, 230Vac power supply

