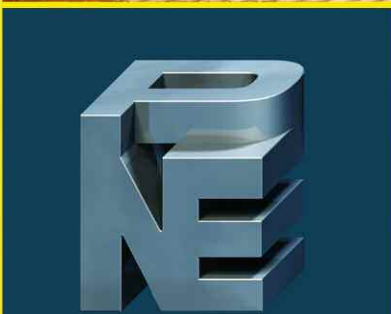


SKR



Residential Humidifier *Patented Siphon System*



neptronic[®]
www.neptronic.com

SKR

Residential Humidifier

Patented Siphon System

A high quality humidifier at home is not a luxury, it is a necessity!

We spend a significant part of our daily life at home. Therefore, our **health** and **comfort** does depend to a great degree on the environmental conditions within our residences. One of the most important of these conditions is humidity.

Humidifying your home with a **Neptronic SKR** residential steam humidifier will help protect your body from winter illness and reduce dry skin, sinus problems and scratchy throats, therefore creating a healthier, more comfortable living environment.

In a home with a dry environment, hardwood floors, antique furniture, works of art, etc., may crack, warp or peel. Proper humidity levels prevent these problems and **protect** these valuables from permanent damage. Humidity control also **eliminates static electricity**, which causes annoying shocks and can damage VCR's, computers and other expensive electronic devices.

Warm dry air cools the skin surface, making a room feel cold. The natural reaction is to "turn up the thermostat", when in fact, the solution is to humidify the air. Increasing the humidity level in a home makes the air feel warmer at lower temperatures. The result is a warmer and more comfortable environment at a lower **money saving** temperature!

A state-of-the-art humidifier improves indoor air quality, enhances a family's health and comfort while protecting valuable objects in a home!





The state-of-the-art **Neptronic SKR** humidifier improves indoor air quality, enhances your family's health and comfort while protecting the valuable items in your home!



Modern Design and Advanced Technologies

Features of the SKR

- Capacities from 4.5 to 12lb/hr (2 to 5.5kg/hr) of steam
- On/Off operation, modulation optional
- Permanent cleanable stainless steel evaporation chamber
- Self-cleaning elements
- Siphon drain requires no drain valve or external tap
- Simple control wiring using pre-assembled cables with telephone jacks
- Easy to install, operate and maintain
- No expensive plastic cylinders to buy
- Environmentally friendly - no plastic cylinders to throw away
- No more blocked drain solenoid valves
- Drain water tempered to below 140°F (60°C)
- Generates pure and sterile steam



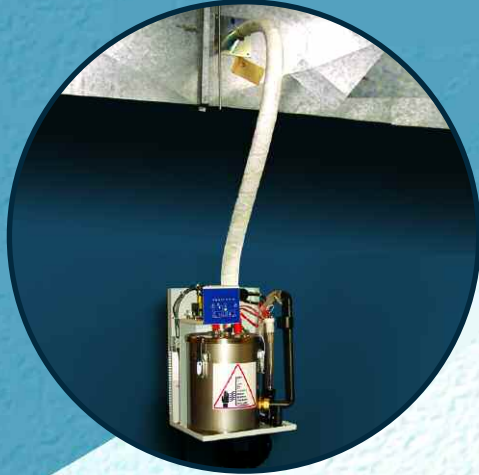
SKR Control Panel Display

Using the factory assembled telephone cables with jacks eliminates control wiring errors. Features and components found in our patented SK-300 series "commercial humidifiers" have been incorporated in the **Neptronic SKR** to provide the most dependable humidifier system on the market. The steam can be supplied into the duct with a dispersion tube or directly into the room with a fan distribution unit (SDU).

Neptronic SKR humidifiers offer two installation options to better suit your needs.
 (Photos show humidifiers without covers)

Fan Distribution (SDU)

Duct Distribution



Evaporate water, not money!

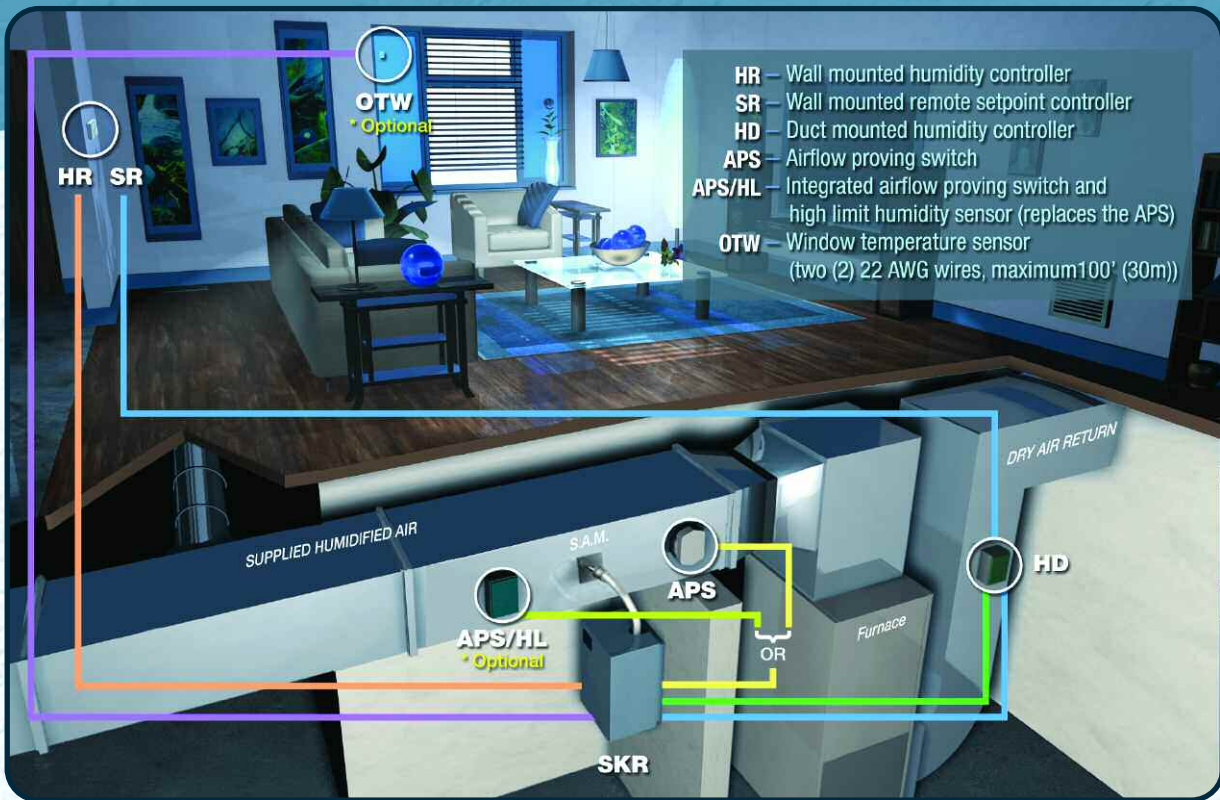
The **Neptronic SKR** humidifier includes a permanent, reusable stainless steel chamber instead of a disposable plastic bottle that must be replaced at least once a year, resulting in thousands of dollars of savings. These savings will more than pay for the initial cost of the humidifier.



Technical Information

NEPTRONIC SKR HUMIDIFIER SPECIFICATIONS							
MODEL	CASA SKR14	VILLA SKR25		CHATEAU SKR30		BELVEDERE SKR40	
CAPACITY	4.5 lb/hr (2.0 kg/hr)	7.5 lb/hr (3.41 kg/hr)		9 lb/hr (4.10 kg/hr)		12 lb/hr (5.45 kg/hr)	
POWER	1.4 Kw	2.5 Kw		3 Kw		4 Kw	
VOLTAGE	120V / 1ph	208V / 1ph	240V / 1ph	208V / 1ph	240V / 1ph	208V / 1ph	240V / 1ph
AMPERAGE	12 A	12 A	11 A	14.5 A	13 A	19.2 A	17 A
WIDTH	10.5" (267mm)	10.5" (267mm)		10.5" (267mm)		10.5" (267mm)	
HEIGHT	14.5" (368mm)	14.5" (368mm)		14.5" (368mm)		14.5" (368mm)	
DEPTH	9" (229mm)	9" (229mm)		9" (229mm)		9" (229mm)	
HEIGHT WITH SDU	19.75" (500mm)	19.75" (500mm)		19.75" (500mm)		19.75" (500mm)	

• Operation with maximum 0.5" (125Pa) duct static pressure at steam distribution manifold location



Sample order number

SKR14-120-ROW

Neptronic SKR Selection Guide

14-120	1.4 Kw, 4.5 lb/hr (2.05 kg/hr), 120VAC/1ph/60Hz only (CASA)
25-2xx	2.5 Kw, 7.5 lb/hr (3.41 kg/hr), 240VAC/1ph/60Hz only (VILLA)
30-2xx	3.0 Kw, 9.0 lb/hr (4.10 kg/hr), 240VAC/1ph/60Hz only (CHATEAU)
40-2xx	4.0 Kw, 12.0 lb/hr (5.45 kg/hr), 240VAC/1ph/60Hz only (BELVEDERE)

KIT "R" - Wall mounted humidity controller with setpoint adjustment
 [Yellow] [Orange] - Airflow proving switch

KIT "D" - Duct mounted humidity controller with setpoint adjustment
 [Yellow] [Green] - Airflow proving switch

KIT "S" - Duct mounted humidity controller
 [Yellow] [Green] [Blue] - Wall mounted controller for remote setpoint adjustment
 - Airflow proving switch
 - One (1) 10' (3m) pre-assembled control cable with telephone jacks (to connect the duct mounted humidity controller to the humidifier)

KIT "N" - Two terminal blocks to replace the jack connectors. No controllers, no cables, no airflow proving switch. I and W options not available.

O - No option selected

I [Yellow] - Integrated airflow proving switch and high limit duct humidistat to replace the airflow proving switch

S - Space distribution unit (SDU)

O - No option selected

W [Purple] - OTW temperature sensor. Installed on the interior side of a windowpane and wired to the humidifier to prevent fogging on windows. (Cables by others)

xx Specify voltage 208 or 240 VAC

All kits include:

- One (1) On/Off humidifier complete with:
 - One (1) remote alarm dry contact (1Amp/24VAC)
 - One (1) dry contact (3Amp/24VAC) to start the HVAC fan on a call for humidity
- One (1) SAM steam distribution manifold
 - 9" (229mm) long 7/8" (22mm) diameter for CASA SKR14 and VILLA SKR25 units
 - 14" (356mm) long 1 3/8" (35mm) diameter for CHATEAU SKR30 and BELVEDERE SKR40 units
- 6' (1.8 m) flexible steam hose to connect to steam distribution manifold
- Two (2) pre-assembled control cables with telephone jacks (One (1) 50' (15m) and one (1) 10' (3m)) for R and S kits only

NEP Humidifiers



**SKG 3000
GAS HUMIDIFIER**

**SKR
RESIDENTIAL
HUMIDIFIER**

**SK 300
ELECTRIC HUMIDIFIER**



distributed by:



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