

*From the manufacturer of the world's best  
commercial humidifier...*

*n e p t r o n i c*<sup>®</sup>  
**SKR** Residential  
Humidifier

(Patent pending)



**Finally:**

***A superior quality, cost efficient residential humidifier!***

**NEPTRONIC SKR**

- *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)*

**Features:**

- *Capacities from 4.5 lbs/hr (2.05 kg/hr) to 12 lbs/hr (5.45 kg/hr)*
- *Immersion humidifier*
- *On/Off operation*
- *Permanent, cleanable stainless steel evaporation chamber*
- *Siphon drain requires no drain valve or external trap*
- *Self-cleaning electric elements*
- *Simplified control wiring using pre-assembled cables with telephone jacks (included)*
- *Electronic humidity controllers*
- *Temperature sensor (OTW) to prevent fogging on windows (optional)*
- *Status indication (LED) on the humidifier and the humidity controllers*
- *Easy to install, operate and maintain*
- *Kits include all accessories*
- *Various control configurations available*

neptronic<sup>®</sup>

**Simply  
the  
Best!**

Humidifiers



[www.neptronic.com](http://www.neptronic.com)

Neptronic SKR Selection Guide

SKR14-120-ROW

14-120: 1.4 Kw, 4.5 lbs/hr (2.05 kg/hr), 120VAC/1ph/60Hz only (CASA)  
 25-240: 2.5 Kw, 7.5 lbs/hr (3.41 kg/hr), 240VAC/1ph/60Hz only (VILLA)  
 30-240: 3.0 Kw, 9.0 lbs/hr (4.10 kg/hr), 240VAC/1ph/60Hz only (CHATEAU)  
 40-240: 4.0 Kw, 12 lbs/hr (5.45 kg/hr), 240VAC/1ph/60Hz only (BELVEDERE)

- R: - Wall mounted humidity controller with setpoint adjustment  
 - Airflow proving switch
- D: - Duct mounted humidity controller with setpoint adjustment  
 - Airflow proving switch
- S: - Duct mounted humidity controller  
 - 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)
- N: - Two terminal blocks to replace the jack connectors. No controllers, no cables, no airflow proving switch. I and W options not available.

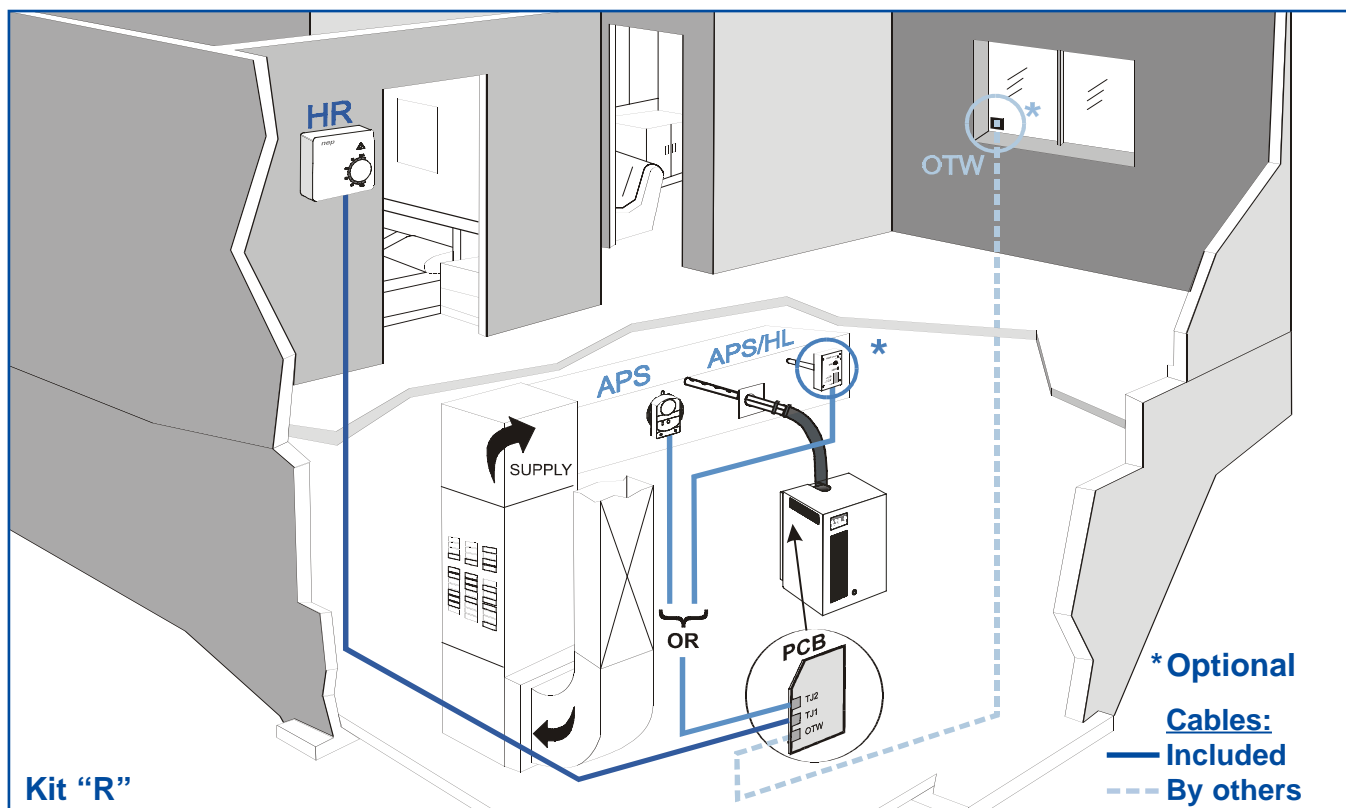
- O: - This option is not required
- I: - Integrated airflow proving switch and high limit duct humidistat to replace the airflow proving switch

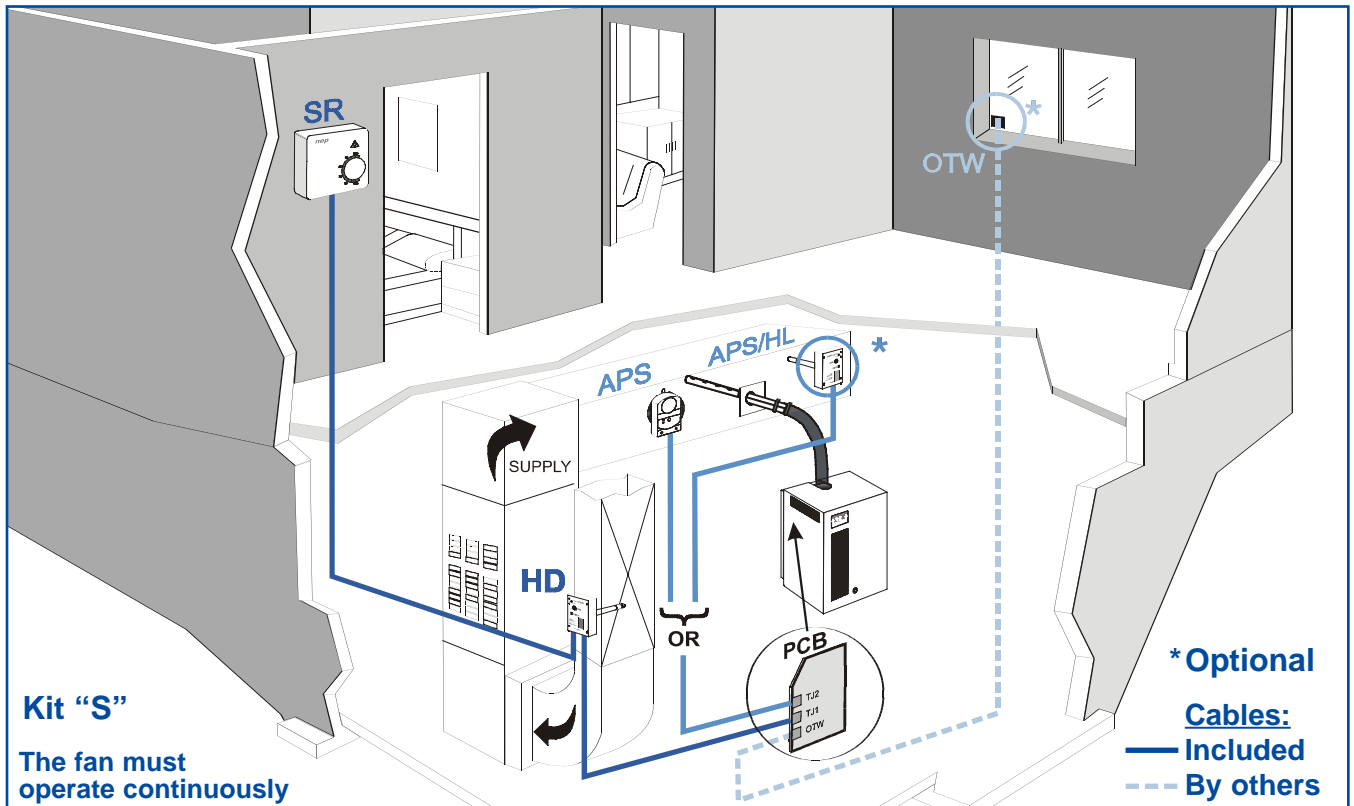
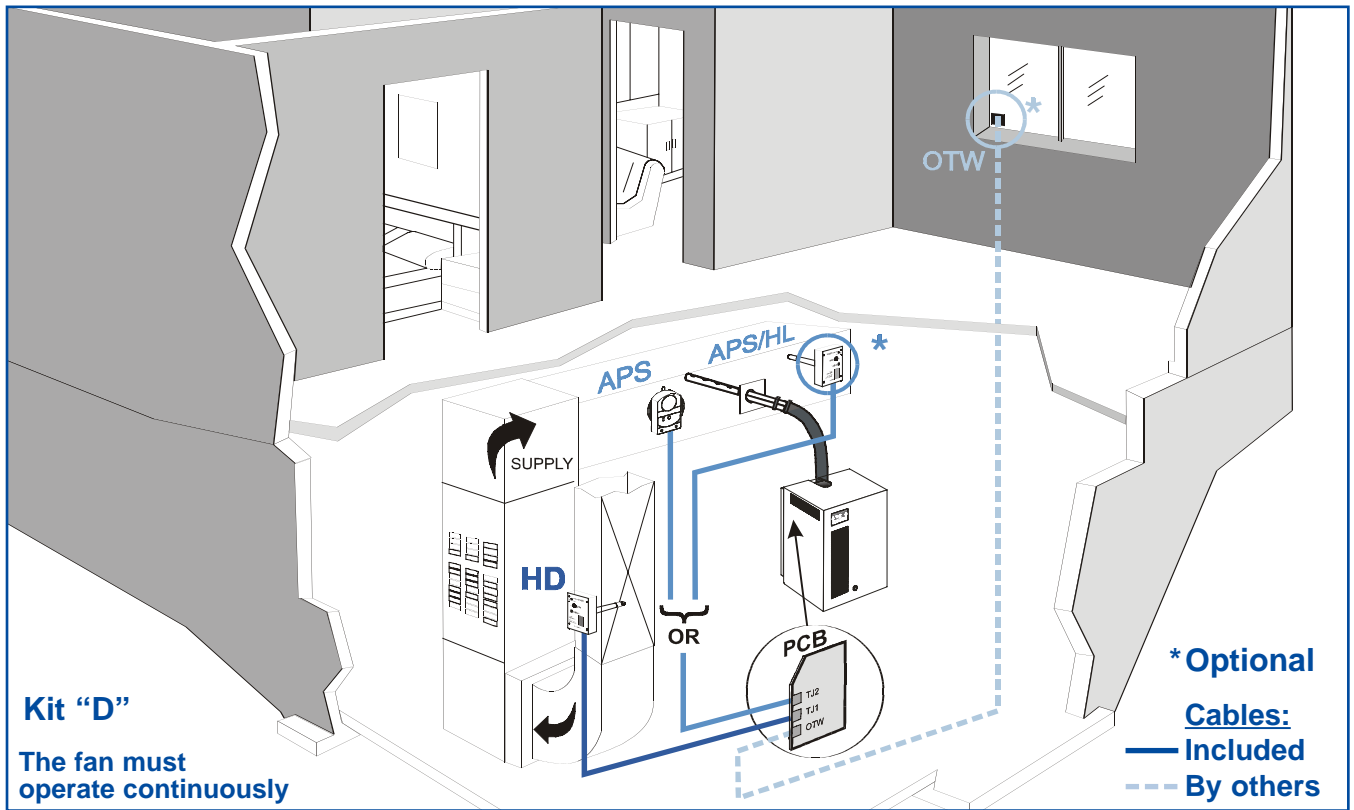
- O: - This option is not required
- W: - OTW temperature sensor. Installed on the interior side of a windowpane and wired to the humidifier to prevent fogging on windows.

**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 SKR14 and SKR25
  - 14" (356mm) long 1 3/8" (35mm) diameter for SKR30 and SKR40
- 6' (1.8 m) flexible steam hose of appropriate diameter to match manifold above
- Two (2) pre-assembled control cables with telephone jacks (One (1) 50'(15m) and one (1) 10'(3m)) for R, D and S kits only
- Operation with maximum 0.5" (125Pa) duct static pressure at steam distribution manifold location

**CONTROL DIAGRAMS**





PCB - Humidifier printed circuit board

HR - Wall mounted humidity controller

SR - Wall mounted remote setpoint controller

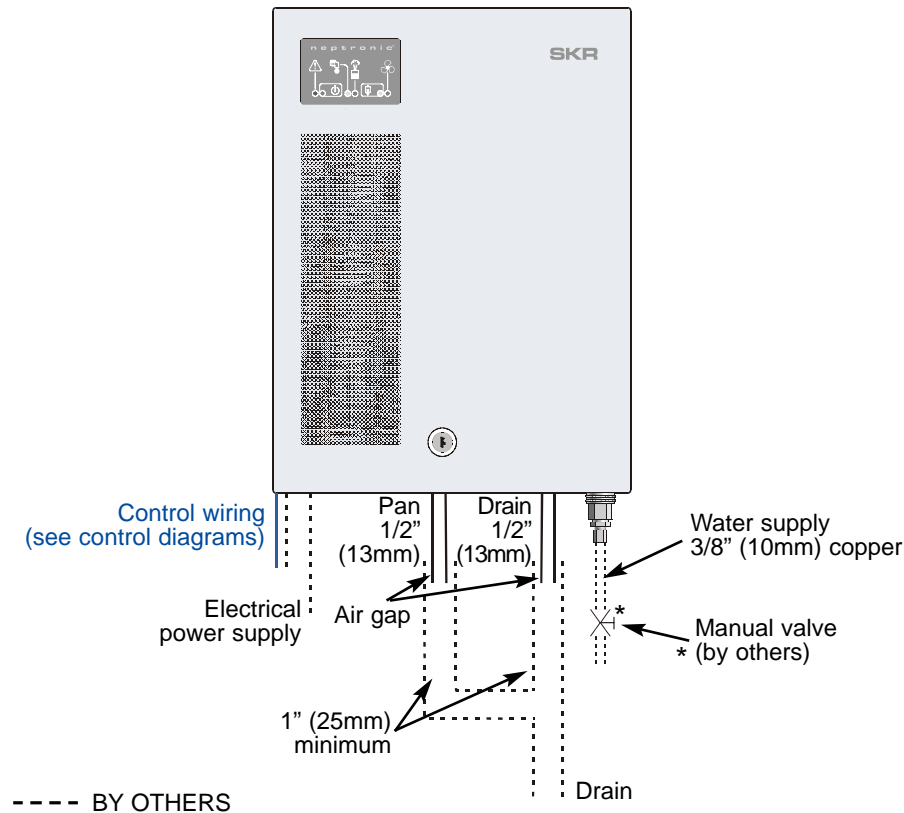
HD - Duct mounted humidity controller

APS - Airflow proving switch

\* APS/HL - Integrated airflow proving switch and high limit humidity sensor (replaces the APS)

\* OTW - Window temperature sensor (two (2) 22 AWG wires, maximum 100' (30m))

**CONNECTION DIAGRAM**



SKR HUMIDIFIER SPECIFICATIONS				
MODEL	SKR14 CASA	SKR25 VILLA	SKR30 CHATEAU	SKR40 BELVEDERE
<b>CAPACITY</b>	4.5 lbs/hr (2.05 kg/hr)	7.5 lbs/hr (3.41 kg/hr)	9 lbs/hr (4.10 kg/hr)	12 lbs/hr (5.45 kg/hr)
<b>POWER</b>	1.4 Kw	2.5 Kw	3 Kw	4 Kw
<b>VOLTAGE</b>	120V / 1ph	240V / 1ph	240V / 1ph	240V / 1ph
<b>AMPERAGE</b>	12 A	11 A	13 A	17 A
<b>WIDTH</b>	10.5" (267mm)	10.5" (267mm)	10.5" (267mm)	10.5" (267mm)
<b>HEIGHT</b>	14.5" (368mm)	14.5" (368mm)	14.5" (368mm)	14.5" (368mm)
<b>DEPTH</b>	9" (229mm)	9" (229mm)	9" (229mm)	9" (229mm)

Weight: Empty: 22 lbs (10 kg) / With water: 35 lbs (16 kg)

**DISTRIBUTED BY**



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