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■ HVAC Controls   ■ Electric Actuators   ■ Actuated Valves
■ Humidifiers   ■ Electric Heaters

1, 2, 3 Start your humidifiers!

You have installed a new Neptronic SK humidifier (SKE4, SKG4, SKS4 and SKVF series) connected with a humidity sensor (in the room or return duct). The final stage to complete the installation is to program the humidifier to operate as a standalone unit. Follow these 3 steps to configure the humidifier to function with a remote humidity sensor:

Step 1. Configuration

- Access the Installation menu, login 4433
- Select Control, Control Profile, set to Internal Analog (enter)
- Select Room Demand Loop, RHStptSrc, set to Internal (enter)
- Keep the default values for the remaining items in this menu.
- Exit this menu.

Control	**ControlProfile:**	ExternAnalog	ExternAnalog, ExternNetwork, **InternAnalog**, InternNetwork, HRL, Custom
	ModHLProfile:	Disabled	Disabled, ExternAnalog, ExternNetwork, InternAnalog, InternNetwork, Custom
	RoomDemandLoop		
	PropGain:	20.0	min: 1.0, max: 200.0
	IntgrlTime:	0.0sec	min: 0.0sec, max: 900.0sec
	DrvtveTime:	0.0sec	min: 0.0sec, max: 60.0sec
	PropBand:	5.0%	min: 1.0%, max: 100.0%
	RHSrc:	RoomRH	None, RoomRH, Network, HRL
	RHStptSrc:	None	None, **Internal**, ControlInput

Step 2. Adjust Set Point

- Access the User Setting menu, login 4433
- Select Control, Room Demand Loop, RoomRHStp, set the value to the required set point that you wish to maintain the in the space (enter)
- Exit this menu.

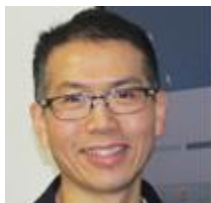| Control	RoomDemandLoop		
RoomRHStp:	40.0%	min: 0.0%, max: 100.0%
RoomRHUnocStp:	30.0%	min: 0.0%, max: 100.0%
RoomRHVacStp	20.0%	min: 0.0%, max: 100.0%

Step 3. View the %RH value

- Access the General menu
- Select Physical IO, Room RH to view the %RH value read by the external humidity sensor.
- When the RoomRHStp value is above the Room RH then a Humidity Demand will be displayed on the Idle Screen.
- Exit this menu.

Physical IO	BinExtDemand:	0%	* (min: 0%, max: 100%)
	ControlInput:	Current value	* (min: 0%, max: 100%)
	RoomRH	Current value	* (min: 0%, max: 100%)

You have completed the programing of the humidifier!

Turn the unit On by pressing and holding the Power button for three seconds, the blue led will turn On.

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About Neptronic

Neptronic, we pride ourselves on our ability to adapt to diverse applications. We have been at the heart of humidification innovation since 1976 to help enhance process efficiency and end-result quality by generating the ideal ambient conditions for our customers' needs.

Committed to research and development, we constantly aim to improve our products' reliability and precision. Our dedicated team of over 300 experts works in Montreal, Canada, to create the ideal solutions for your applications.