

BACnet SKS4 Steam to Steam Humidifier Module User Guide

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BACnet SKS4 Steam to Steam Humidifier Module

Product Information

The SKS4 Steam to Steam Humidifier is a device that uses steam to increase the humidity in a space. It is equipped with a BACnet Communication Module that allows for easy integration and control of the humidifier within a BACnet system. The humidifier has several advantages when enabled with BACnet, including the ability to support various BACnet objects such as DS-RP-B, DS-RPM-B, DS-WP-B, DS-WPM-B, DM-DCC-B, DM-DDB-B, DM-DOB-B, DM-RD-B, DM-TS-B, DM-UTC-B, DS-COV-B, DS-COVP-B, and SCHED-WS-I-B.

Product Usage Instructions

BACnet Properties Configuration

To establish communication on the network and ensure device identification within a BACnet system, certain properties may need to be configured. These properties include:

Property	Default Value
MAC Address	001
Device Instance	Auto
Baud Rate	Auto
Max_Master	127
Device Object.Object_Name	Name of the device

Configuration Options

The SKS4 Steam to Steam Humidifier offers two configuration options for BACnet communication:

Quick Setup

To quickly configure the humidifier for BACnet communication without programming:

1. Ensure that no other device on the network has a MAC address of 1 (the humidifier's default address).
2. Connect the humidifier to the network and power it up.
3. The humidifier will automatically configure the baud rate and device instance, allowing for BACnet Property

Configuration through the Write Property service. Refer to Table 1 – BACnet Properties Configuration.

4. Repeat the steps for each humidifier.

Manual Setup

To manually configure the humidifier for BACnet communication using the SKS4 controller:

1. Press the Enter key.
2. Enter the Integration menu password: 5544.
3. Select the Network or Communication sub-menus to set appropriate values.
4. Follow the instructions to manually configure the Device, BACnet Server, BACnet MSTP/IP, etc.
5. Disconnect the power to the humidifier, connect it to the network, and reconnect the power.


MAC Address and Max_Master

Optimum combinations of MAC address and Max_Master configurations ensure quick and efficient output. For IP communication, the default port number used is 47808 (0xBAC0). In situations with multiple networks, different ports such as 47809 (0xBAC1) or 47810 (0xBAC2) may be used to separate traffic.

Network Reset

The humidifier can be reset via BACnet using the Reinitialize Device service. To access the Reinitialize Device service, use the password: nep. The service offers two types of reset.

Documents / Resources

	<p>BACnet SKS4 Steam to Steam Humidifier Module [pdf] User Guide SKS4 Steam to Steam Humidifier Module, SKS4, Steam to Steam Humidifier Module, to Steam Humidifier Module, Steam Humidifier Module, Humidifier Module, Module</p>
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References

-  [Neptronic | Home - Humidifier Distributor & HVAC Products](#)
-  [Neptronic | Home - Humidifier Distributor & HVAC Products](#)