smartIAQ
Hub-4 Pro

smartIAQ® GridSet™ Low Voltage Power Supply Unit

PRODUCT DESCRIPTION

The smartIAQ Hub-4 Pro delivers a streamlined power and BMS communication solution for up to four smartIAQ GridSet Pro units, helping reduce installation costs and complexity. With only a single incoming mains connection, the Hub-4 Pro distributes low-voltage power to multiple devices using simple plug-and-play Ethernet-style cables—no downstream hard wiring, conduit, or specialized labor required. In addition, the Hub-4 Pro facilitates BMS integration for GridSet Pro units. Full control and data communication can be managed by appropriately configured Building Management Systems.

Its extended low-voltage cabling capability allows the Hub-4 to be positioned conveniently near existing power sources while reliably supplying GridSet units located throughout the space. The result is a clean, flexible, and cost-effective installation tailored for modern IAQP deployments.

STANDARD FEATURES

- Single power connection (input) to Hub

- 48 VDC Low Voltage outputs for up to 4 smartIAQ GridSet Pro units

- BMS integration via RS-485 port in either:

  o Modbus   (sIAQ-HBP4-MB)

  o BACnet   (sIAQ-HBP4-BN)

- Uses CAT-5/5e wiring

  o Max 300ft per GridSet unit

- Rated for Plenum Applications

- 1/2" Trade size knock-out for standard electrical gland

48 VDC (CAT - 5/5e cable)

Air Quality Operational Data

100-240 VAC

BACNet/Modbus

GPS®

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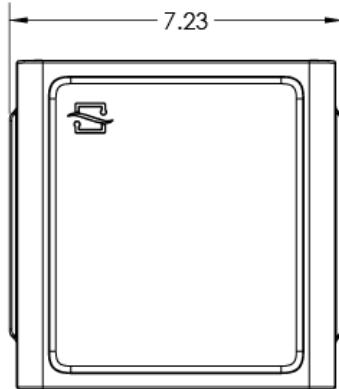
Plan View

Ventilation Air Inlet

Ø.87
1/2" KNOCK OUT

End Elevation

7.125

2.66
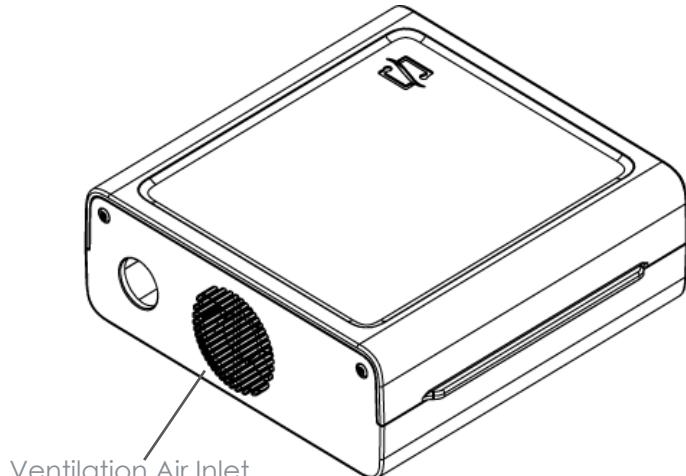
Side Elevation

Ventilation Air Outlet
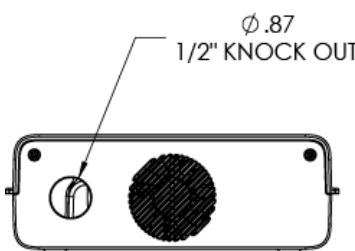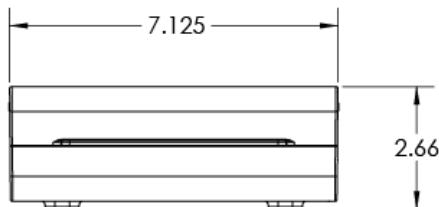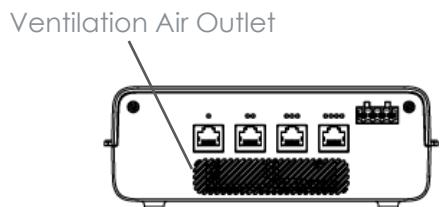
End Elevation

SIAQ-HB4P-MB/BN: SPECIFICATIONS

Input Voltage	110 -240 VAC 50/60Hz	Dimensions (L x W x H)	7.125 " x 7.25" x 2.66"
Output Voltage	48 VDC	Weight	2.5 lbs
Power Consumption	200 W (Max)	GridSet Units Served	Up to 4 (Max)
Minimum Circuit Amps (MCA)	5.25 A	Gridset Compatibility	Power Supply Only
Temperature Range	0 - 140 F	Gridset Pro Compatibility	Power Supply and BMS Communication
Humidity Range	20 - 90% RH (non-condensing)	Compliance and Certifications#	UL 62368-1, CSA 22.2 #62368-1

Certifications Pending

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