

Quick Start Guide

IV Smart EC Modbus paired with the Protonode Gateway

EN



Note:

Refer to the Modbus-BACnet User Guide published by EBM (available on the Systemair website, www.systemair.net) for detailed setup instructions.

Each Protonode Gateway comes customized for pairing with the IV Smart EC Modbus Jet Fans

- Scaling parameters within the custom fan profile allow for simple communication between the Protonode Gateway and the Building Automation System.
- The following parameters are pre-loaded into the fan profile on the Protonode Gateway:
 - Control input speed range is accepted from 0-100
 - Actual speed (motor rpm) is scaled to the appropriate range

1. When following the Modbus-BACnet user guide steps in sections 6, sub-section 6.3 and 6.4 may be skipped since the Protonode is factory-loaded with the applicable fan profile.
2. When following the steps in section 6.5:
 - a. Select the custom fan profile named "Systemair_IVSmart_EC_Modbus" and apply it to all fans on the Protonode control layout.



The BTL Mark on the ProtoNode is a symbol that indicates that a product has passed a series of rigorous tests conducted by an independent laboratory, which verifies that the product correctly implements the BACnet features claimed in the listing. The mark is a symbol of a high-quality BACnet product.

Go to www.BACnetinternational.net for more information about the BACnet Testing Laboratory.