

ASHRAE Technical FAQ

ID 52

Question How do I know if a control system is BACnet compatible?

The BTL Mark and a listing on the [BACnet International](#) website are the only indications that a device is BACnet compatible.

Answer A vendor can claim a device is BACnet compatible but to be considered truly conformant to the standard, third-party testing is required. When a device has successfully completed tested via application of BACnet tests by a Recognized BACnet Testing Organization, the device is BTL Certified and will be listed as a BTL Certified device. Recognized BACnet Testing Organizations apply tests not only from the ANSI/ASHRAE Standard 135.1, but also from a suite of interoperability tests developed by industry experts (also known as “BTL Test Package”). Only BTL Certified devices are permitted to display the BTL Mark either on the device or in documentation referencing the device.

For more information about BACnet and BACnet testing:

[Latest ASHRAE Standard 135](#)
[Latest ASHRAE Standard 135.1](#)
[BACnet International](#)
[BIG-EU](#)
[BACnet.org](#)

The standard and the other publications on controls may be purchased and downloaded on-line at our website, www.ashrae.org or by calling 1-800-527-4723 in the USA and Canada or 1-404-636-8400 worldwide.

ASHRAE Pubs [ASHRAE Standard 135-2016](#) - BACnet - A Data Communication Protocol for Building Automation and Control Network; [ASHRAE Standard 135.1-2013](#): Method of Test for Conformance to BACnet

Topic References BACnet

| | Cognizant ASHRAE Committees | Refer to Organization |
|---|-----------------------------|-----------------------|
| 1 | TC 1.4 | |
| 2 | SSPC 135 | |
| 3 | | |
| 4 | | |
| 5 | | |