

NB-ASC(e) BACnet® Application Specific Controller

The NB-ASC(e) application selectable controllers are able to be utilized in generic and light duty custom control applications using one of three available modes (Rooftop, Heatpump, and Multi-Speed Fancoil). In stand-alone or networked environments, the NB-ASC(e) can be programmed to operate on independent platforms or in existing enterprise applications.

Using flash technology, NB-ASC(e) controllers can be configured and setup with minimal effort for a variety of control application sequences. This product is BTL Listed as a B-ASC (BACnet - Application Specific Controller).

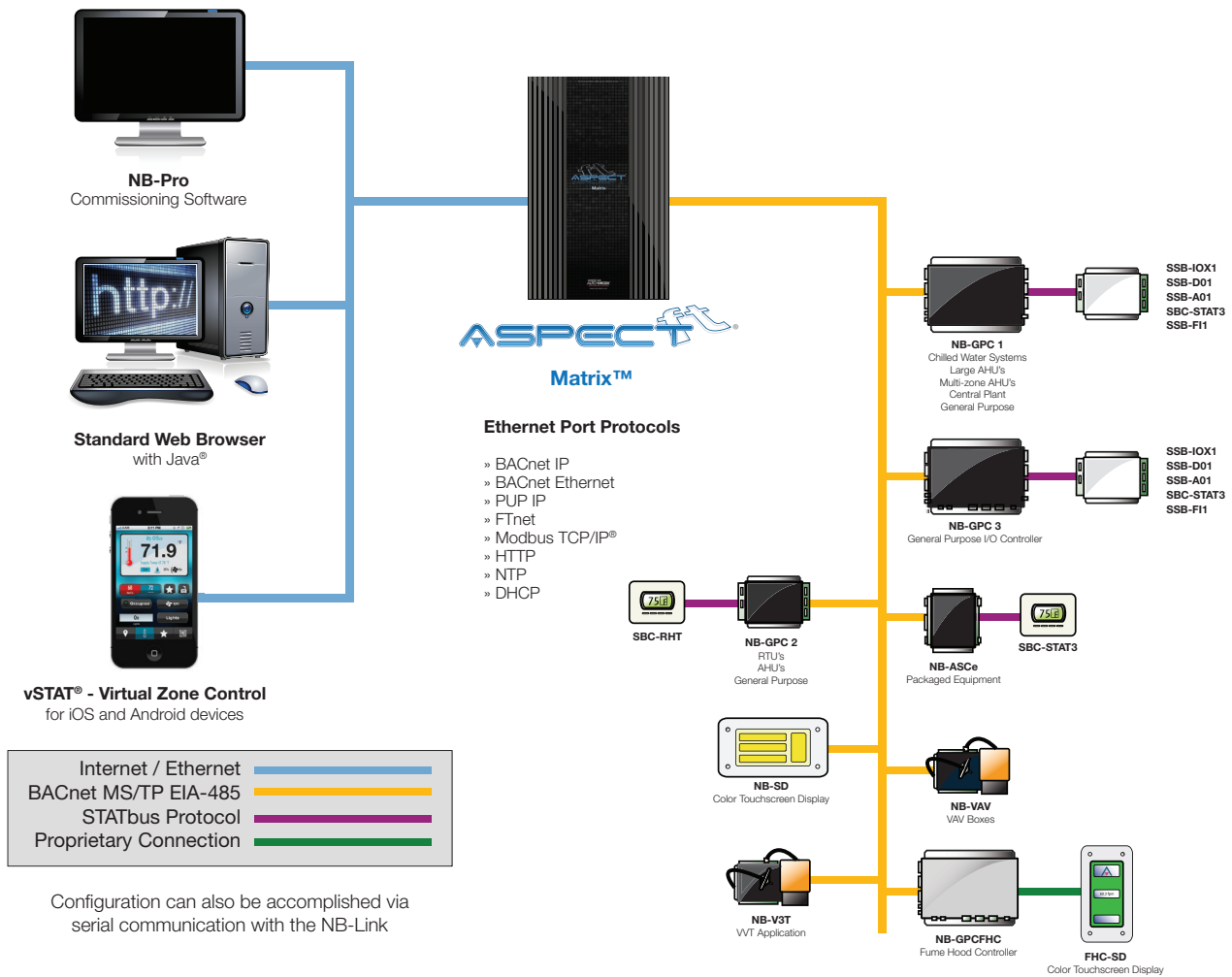
FEATURES

- BACnet MS/TP network protocol
- BTL listed as B-ASC
- Can be field-flash configured for Rooftop, Heatpump, or Multi-speed Fancoil profile applications
- Can be used in stand-alone or network applications
- Zone temperature input with 15-bit resolution
- Available on-board Digital Input for Pulse application
- Outside Air Temperature-based Economizer control available
- Dedicated (separate from onboard I/O) Zone Sensor Input connection for SBC-STATs via STATbus
- Configurable Interlocking for Fan Failure applications
- Flash memory for easy updates
- Real-time clock included with NB-ASC(e) devices
- Time of day scheduling
- Available PID and Control Loop applications for output control sequences such as valve control and analog signal control
- Although application selectable, these devices can be implemented in sequences that may not require Discharge Air Temperature (DAT) or Outside Air Temperature (OAT) readings



NB-ASC Unitary Controllers

Controller Type	DO Triac Relay	AO	UI	Real-time Clock	Optically Isolated DI
NB-ASC	0	5	2	N/A	NO
NB-ASC(e)	0	5	4	Installed	1



SPECIFICATIONS

Terminations	pluggable terminal blocks for inputs, outputs, power, & network connections
Baud Rates	9.6, 19.2, 38.4, 57.6, 76.8 kbps
Input Supply	NEC class II transformer, 24 VAC 50/60 Hz, 10 VA maximum 5 VA typical 5A fuse load protection
Overall Size	5.5 x 4.75 x .90 in (14.1 x 12.1 x 2.3 cm)
Shipping Weight	.84 lbs (.382 kg)

Operating Temp	32 to 122° F (0 to 50° C)
Storage Temp	-40 to 151° F (-40 to 66° C)
Relative Humidity	0 - 90% RH non-condensing (40-60% recommended)
Agency Listings	UL listed 916, Management Equipment, Energy (PAZX) FCC rules Part 15 Class B computing device Complies with CE directive and standards



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