# CARRIER DUCTLESS TO BACNET MS/TP GATEWAY

The Intesis BACnet gateway connects a single Carrier Ductless Indoor Unit to a BACnet control system allowing bi-directional control and monitoring.

### DIRECT CONNECTION TO INDOOR UNITS

The gateway is wired directly to the Ductless indoor unit. This allows not only the control of the main AC functions such as operating mode, fan speed, temperature setpoint, but the monitoring of errors, alarms and some internal variables.

### FAST AND EASY TO SET UP BY DIP-SW

The product can be installed and set up in a really short time. It's only a matter of wiring the gateway to the AC unit, connect 12 VDC/AC power supply (field-supplied) and configure the DIP-SW accordingly. No configuration software is required.

## Standard Features

- BTL mark ensures full interoperability with BACnet devices.
- Supports only BACnet MS/TP.
- Simultaneous control of the AC unit by Carrier Wired / IR remote (depending on type of unit) and BACnet MS/TP.
- Factory Wired/IR remotes can be disabled to only allow BACnet control.
- Occupancy function allows energy savings.
- Quick and easy installation (connect and set the DIP-Switches).
- Total control and monitoring of the AC unit from BACnet, including AC unit's internal variables, running hours counter (for filter maintenance control) and indoor unit error codes.

- Bidirectional communication of Air Conditioning unit properties and functionalities as BACnet Objects.
- 12 VDC/AC power supply required. (Field Procured)
- Mountable on DIN rail, wall, or Field Procured enclosure
- Reduced dimensions 93 x 53 x 58 mm
- Configured with on board DIP-Switches, no software required

## Compatibility:

Only specific Carrier DLS indoor product families are tested for compatibility with the Intesis BACnet MS/TP 1:1 gateway INBACMID001I100. Ductless indoor unit backward compatibility as well as future versions' compatibility is not guaranteed.

| Carrier DLS Indoor Family | Compatibility |
|---|---|
| Entry Tier High Wall 40MHHQ(size 09-24)---3 | Yes |
| High Tier High Wall 40MPHAQ(size 09-24)XA3 | Yes |
| Mid Tier Cassette 40MBCQ(size09-24)---3 | Yes |
| Mid Tier Ducted 40MBDQ(size09-24)---3 | Yes |
| Mid Tier High Wall 40MAQB(size09-24)B---3 | Yes* (see * note below) |

*The current mid-tier Ductless High Wall 40MAQB**B---3 indoor unit will need to have the display and adaptor board to function with the Intesis BACnet MS/TP gateway. The 40MAQ Adapter Board, P/N 17222000A50275, and Display Board Assembly, P/N 17222000A17852, can be ordered from RC.

*** Any third party product purchased from Carrier carries solely the warranty from the manufacturer of that product, if any. Carrier does not warrant performance of such product beyond the manufacturer's warranty, if applicable, to customers and end users of this product. Carrier disclaims all other warranties, express or implied, including with respect to security, and further disclaims all liability arising out of or in connection third party systems and equipment.*

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