



Network Thermostat Controllers



TEC2000

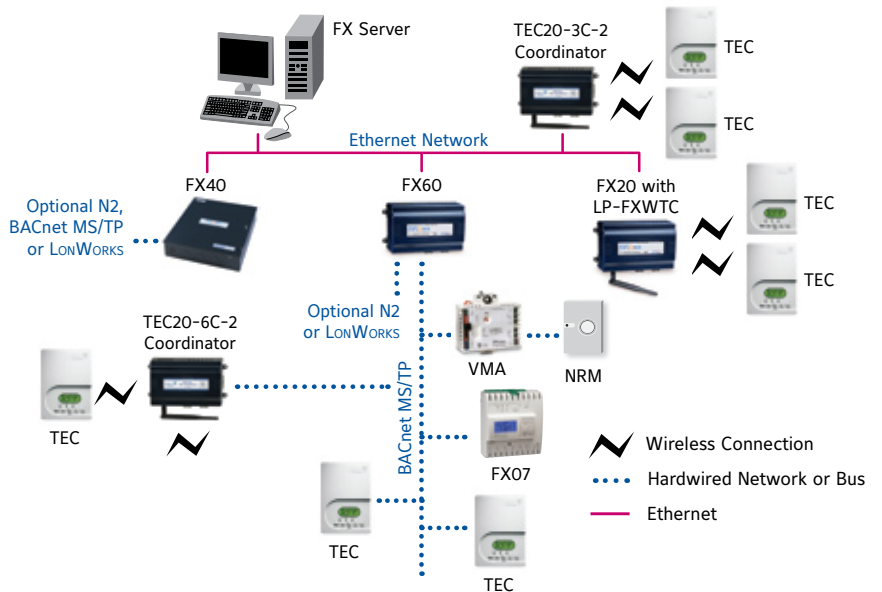
- Onboard occupancy sensor provides energy savings without additional installation time/cost
- Password protection option prevents undesirable tampering
- Single setpoint adjustment option for more application flexibility
- Universal language symbols promote global product offering
- Additional network objects for improved application monitoring
- Integral humidity sensing increases occupancy comfort
- BACnet, ZigBee, LonMark and N2 communications

The TEC2000 Series Thermostat controllers from Johnson Controls meet your need for a cost-effective networked small equipment controller by providing more communications options. These options include wired protocols, N2, BACnet® MS/TP and LonWorks®. Wireless options include ZigBee® via a BACnet IP Coordinator or ZigBee via an FX20 or FX60 using the wireless option card. The TEC2000 Series offers equipment control from a single product: thermostat controller, temperature sensor, humidity sensor for dehumidification models, and occupancy sensor for PIR (passive infrared) models.

The TEC Series staged controllers can be used with rooftop units (with and without economizers), heat pumps and single and multi-stage heating/cooling equipment.

The TEC2x45, TEC2xx6 and TEC2xx7 Series controllers are available for commercial and hospitality applications, including cabinet unit heaters, perimeter heating/cooling, zoning and fan coil units. They provide control of various two and four-pipe fan coil equipment, and have options for one to three speeds of fan control. They offer additional application flexibility by providing advanced control signals – proportional, 0 to 10 VDC, on/off, or floating – and dehumidification capabilities.

FX NETWORK THERMOSTAT CONTROLLERS



Product Code	Control	Fan Control	Model Type	Application			
TEC2x45-4	One Output Proportional 0 to 10 VDC	One-Speed	Commercial	Commercial two-pipe equipment, cabinet unit heaters, and perimeter heating/cooling			
TEC2x16-4	Two Outputs On/Off	1, 2 or 3-Speed			Two or four-pipe fan coil equipment		
TEC2x26-4	Two Outputs On/Off or Floating						
TEC2x36-4	Two Outputs On/Off or Floating and Dehumidification						
TEC2x46-4	Two Outputs Proportional						
TEC2x56-4	Two Outputs Proportional and Dehumidification						
*TEC2x16H-4	Two Outputs On/Off					Hospitality	Two or four-pipe fan coil equipment
*TEC2x26H-4	Two Outputs On/Off or Floating						
*TEC2x36H-4	Two Outputs On/Off or Floating and Dehumidification						
*TEC2x46H-4	Two Outputs Proportional						
*TEC2x56H-4	Two Outputs Proportional and Dehumidification						
TEC2x27-4	Two Outputs On/Off or Floating	None	Commercial Nonprogrammable	Two or four-pipe equipment, hydronic reheat valve control, and pressure dependent VAV with or without local reheat			
TEC2x47-4	Two Outputs Proportional						
*TEC2x01-4	Single Stage	On, Off or Auto	Commercial Nonprogrammable	Fan coil unit, unit heaters, and single-stage packaged heating/cooling equipment			
*TEC2x02-4	Heat Pump			Heat pump with up to 3 heating/2 cooling stages			
*TEC2x03-4	Multi Stage			Multi-staged packaged heating/cooling stages			
*TEC2x04-4	Economizer			Packaged rooftop units with economizers			
*TEC2261-4	Single Stage		Commercial LonWorks Programmable	Fan coil unit, unit heaters, and single-stage packaged heating/cooling equipment			
*TEC2262-4	Heat Pump			Heat pump with up to 3 heating/2 cooling stages			
*TEC2263-4	Multi Stage			Multi-staged packaged heating/cooling			
*TEC2264-4	Economizer			Packaged rooftop units with economizers			

Note: * This model is also available with an onboard occupancy sensor by adding "+PIR" to the end of the product code
 x = "0" for ZigBee wireless communication (Note: A TEC Coordinator will be needed to operate wireless TECs) x = "1" for N2 open communication
 x = "2" for LonWorks® communication x = "6" for BACnet MS/TP communication

LonWorks® is a registered trademark of Echelon Corporation.
 BACnet® is a registered trademark of the American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE).
 ZigBee® is a registered trademark of the ZigBee Alliance.

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