



# Network Thermostat Controllers



TEC2000

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<sup>®</sup> MS/TP and LonWORKS<sup>®</sup>. Wireless options include ZigBee<sup>®</sup> 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 and temperature sensor.

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.

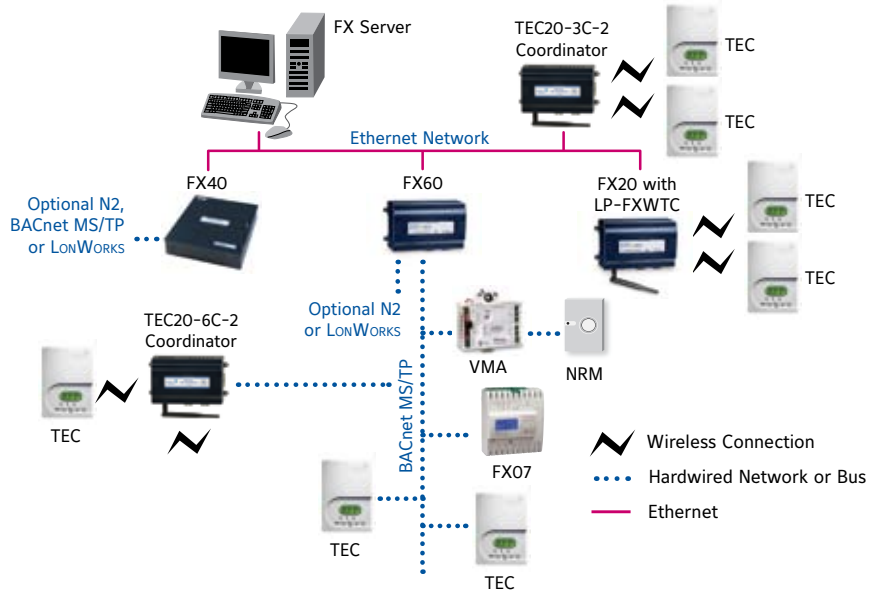
- Easy-to-read, aesthetically pleasing backlit LCD display
- Two configurable binary inputs for advanced functions
- Over 20 configurable parameters enable the thermostat to be customized for any application
- Easy to install by consolidating into one device; control strategies, temperature and humidity sensing, and thermostat control
- BACnet, ZigBee, LonMARK and N2 communications

# FX NETWORK THERMOSTAT CONTROLLERS



TEC2x45-2  
TEC2xx6-2

TEC2xx7-2



Product Code	Control	Fan Control	Model Type	Application	
TEC2x45-2	One Output Proportional 0 to 10 VDC	One-Speed	Commercial	Commercial two-pipe equipment, cabinet unit heaters, and perimeter heating/cooling	
TEC2x16-2	Two Outputs On/Off	1, 2 or 3-Speed			
TEC2x26-2	Two Outputs On/Off or Floating				
TEC2x36-2	Two Outputs On/Off or Floating and Dehumidification				
TEC2x46-2	Two Outputs Proportional				
TEC2x56-2	Two Outputs Proportional and Dehumidification				
TEC2x16H-2	Two Outputs On/Off				Hospitality
TEC2x26H-2	Two Outputs On/Off or Floating				
TEC2x36H-2	Two Outputs On/Off or Floating and Dehumidification				
TEC2x46H-2	Two Outputs Proportional				
TEC2x56H-2	Two Outputs Proportional and Dehumidification		None	Two or four-pipe fan coil equipment	
TEC2x27-2	Two Outputs On/Off or Floating				
TEC2x47-2	Two Outputs Proportional				
*TEC2x01-3	Single Stage	Commercial Nonprogrammable			Fan coil unit, unit heaters, and single-stage packaged heating/cooling equipment
*TEC2x02-3	Heat Pump				Heat pump with up to 3 heating/2 cooling stages
*TEC2x03-3	Multi Stage				Multi-staged packaged heating/cooling stages
*TEC2x04-3	Economizer				Packaged rooftop units with economizers
TEC2261-3	Single Stage	Commercial LonWorks Programmable			Fan coil unit, unit heaters, and single-stage packaged heating/cooling equipment
TEC2262-3	Heat Pump				Heat pump with up to 3 heating/2 cooling stages
TEC2263-3	Multi Stage				Multi-staged packaged heating/cooling
TEC2264-3	Economizer		Packaged rooftop units with economizers		

Note: 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 \* For BACnet MS/TP these product code numbers end with "2", not "3".

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 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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