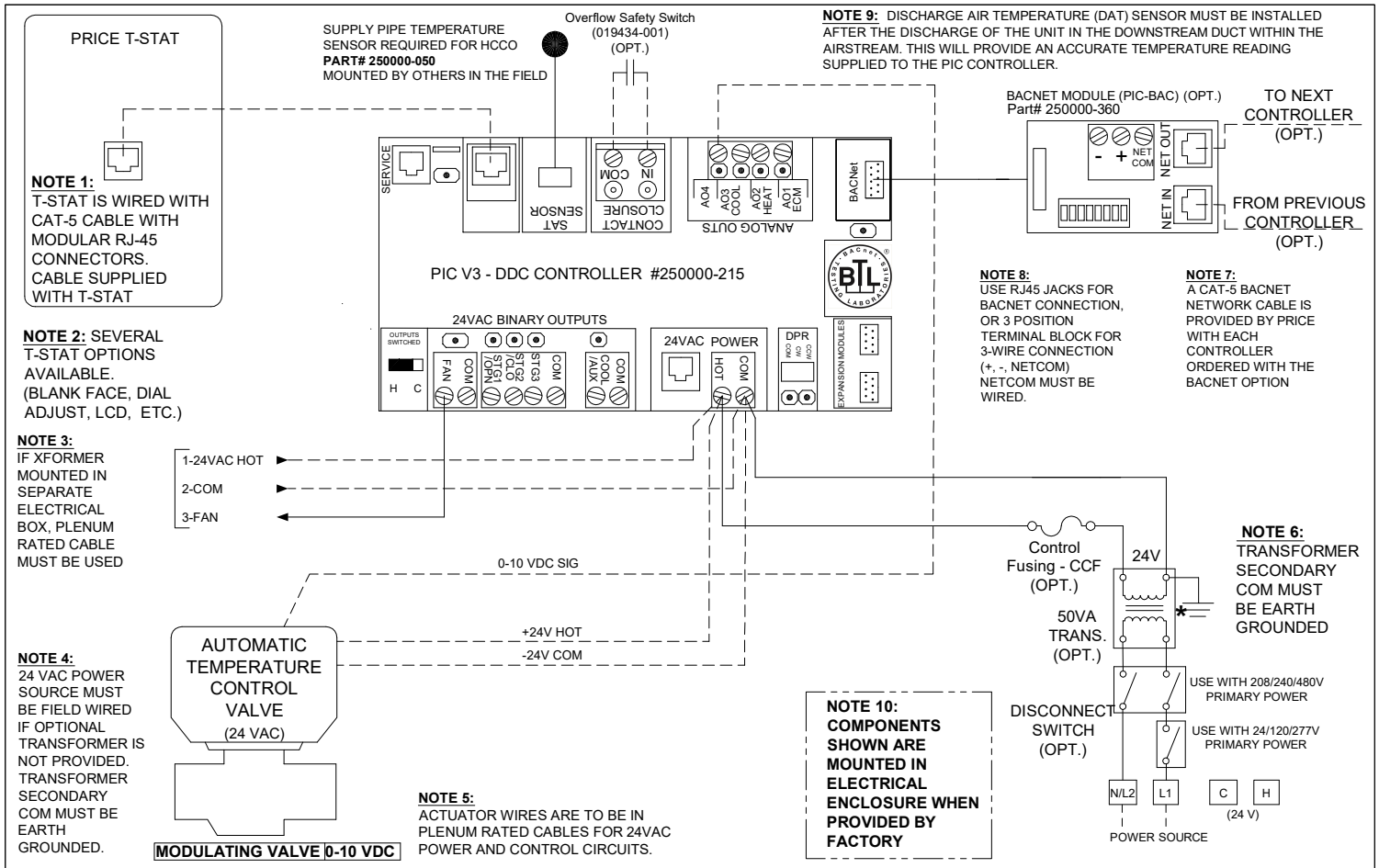


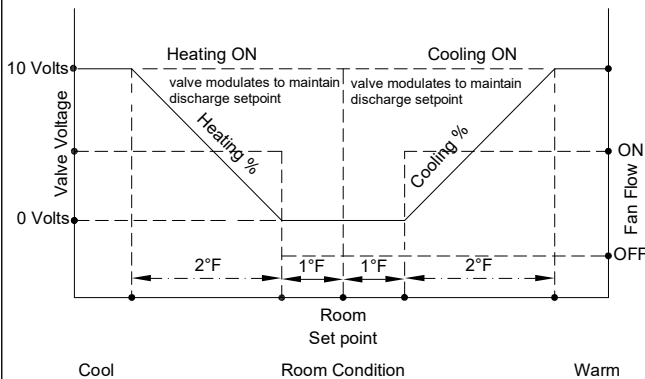
PROJECT:		<div><div>PRICE®</div><div><div>mm</div><div><div>✓</div><div>de</div></div></div></div>
ENGINEER:		
CUSTOMER:		
SUBMITTAL DATE:	SPEC. SYMBOL:	
		259533
		2020/06/17
<div><div>FAN/BLOWER COIL CONTROLS</div><div>PIC-FC</div><div>ON/OFF MOTOR</div><div>2-PIPE ON/OFF HCCO</div><div>OR COOLING ONLY</div><div>WITH CHANGEOVER</div></div>		



LEGEND

————— FACTORY ELECTRICAL WIRING
----- FIELD ELECTRICAL WIRING

CONTROL GRAPH



Sequence of Operation -- On/Off Fan, Modulating Heating or Cooling with Discharge Air Temperature Control

Chilled Water Supply: On an increase in space temperature above the set point, the controller energizes the fan motor and modulates the valve to maintain a 55°F (adjustable) discharge air temperature.

Hot Water Supply: On a decrease in space temperature below the set point, the controller energizes the fan motor and modulates the valve to maintain a 90°F (adjustable) discharge air temperature.

Dead Band: With no demand in the space, the water valve actuator remains closed. Fan remains OFF.

Discharge Air Temperature (DAT) Sensor and Control: The sensor provides the controller with the discharge air temperature reading. This temperature is used to control the modulating valves while trying to achieve a set discharge temperature. Note: Discharge Air Temperature Control is only possible with modulating valves. The DAT is also used to determine the water temp (Hot/Cold).

*If valve has been closed for 10 hours (adjustable) it will be opened for a maximum of 5 minutes to determine if water supply temperature has changed.

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE:

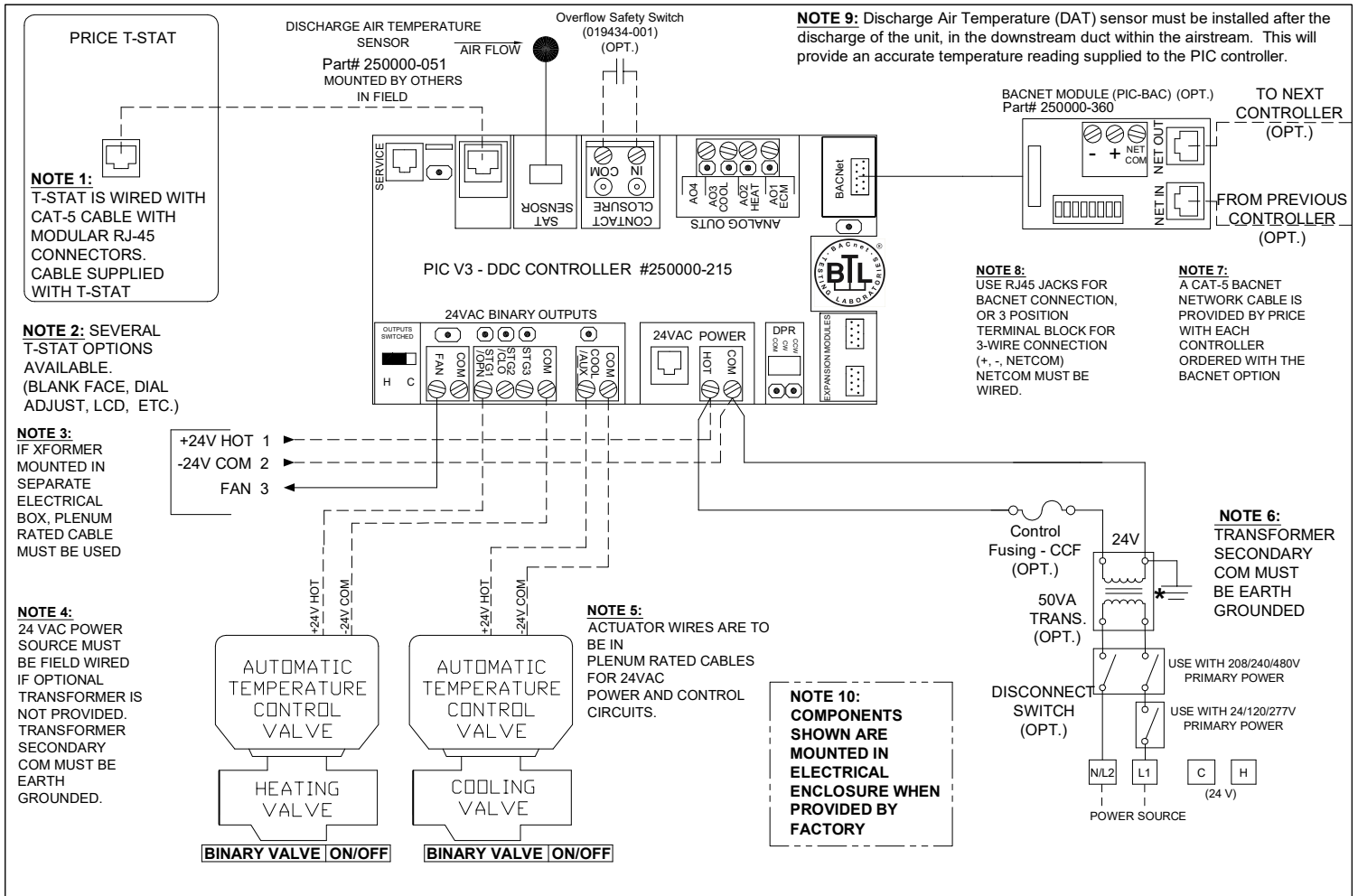
SPEC. SYMBOL:

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259534

2020/06/17

PRICE®

**FAN/BLOWER COIL CONTROLS
PIC-FC**
ON/OFF MOTOR
2-PIPE 0-10VDC HEATING
OR COOLING
W/ DAT CONTROL & CHANGEOVER

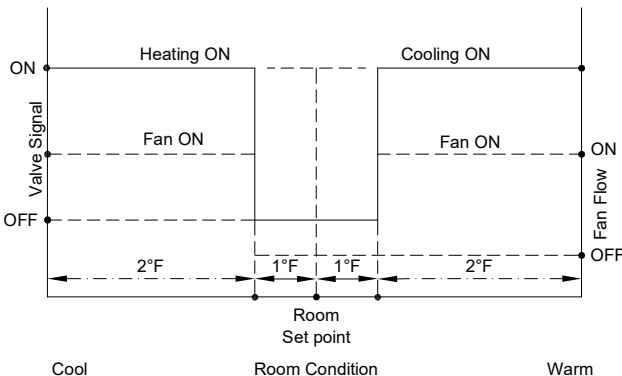


LEGEND

————— FACTORY ELECTRICAL WIRING

----- FIELD ELECTRICAL WIRING

CONTROL GRAPH



Sequence of Operation -- On/Off Fan, On/Off Heating and Cooling with Discharge Air Temperature Sensor Monitoring

Cooling: On an increase in space temperature above the set point, the controller opens the chilled water valve and energizes the fan motor.

Dead Band: With no demand in the space, the water valve actuator remains closed. Fan Flow remains OFF.

Heating: On a decrease in space temperature below the set point, the controller opens the hot water valve and energizes the fan motor.

Discharge Air Temperature (DAT) Sensor: The sensor provides a discharge temperature reading to the thermostat. This temperature can only be read through the interface program for trouble shooting.

PROJECT:

ENGINEER:

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SUBMITTAL DATE:

SPEC. SYMBOL:

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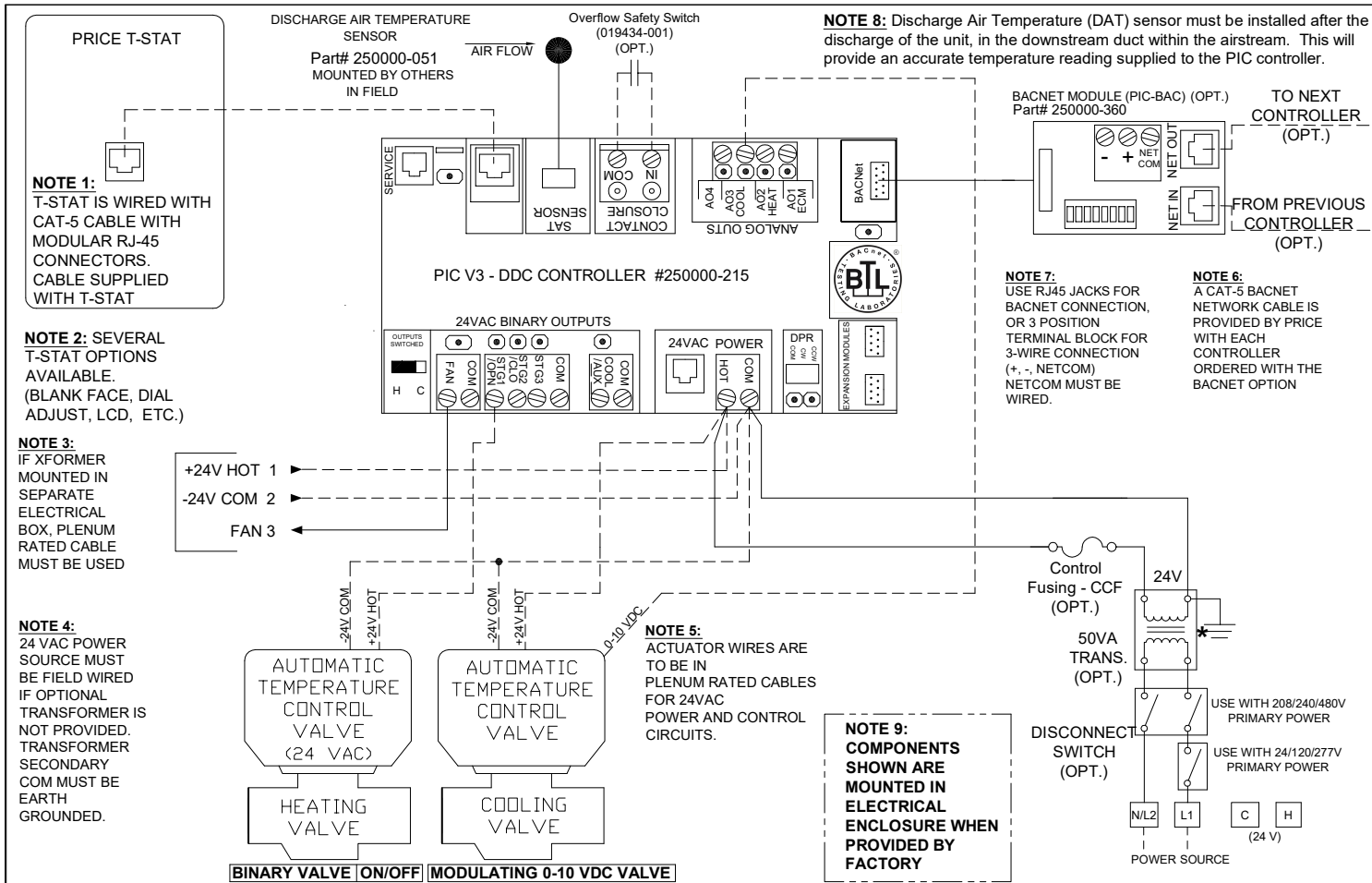
259535

2020/06/19

PRICE®

**FAN/BLOWER COIL CONTROLS
PIC-FC**

ON/OFF MOTOR
4-PIPE ON/OFF
HEATING & COOLING
WITH DAT FOR MONITORING





Sequence of Operation -- On/Off Fan, On/Off Heating & Modulating Cooling with Cooling Discharge Air Temperature Control

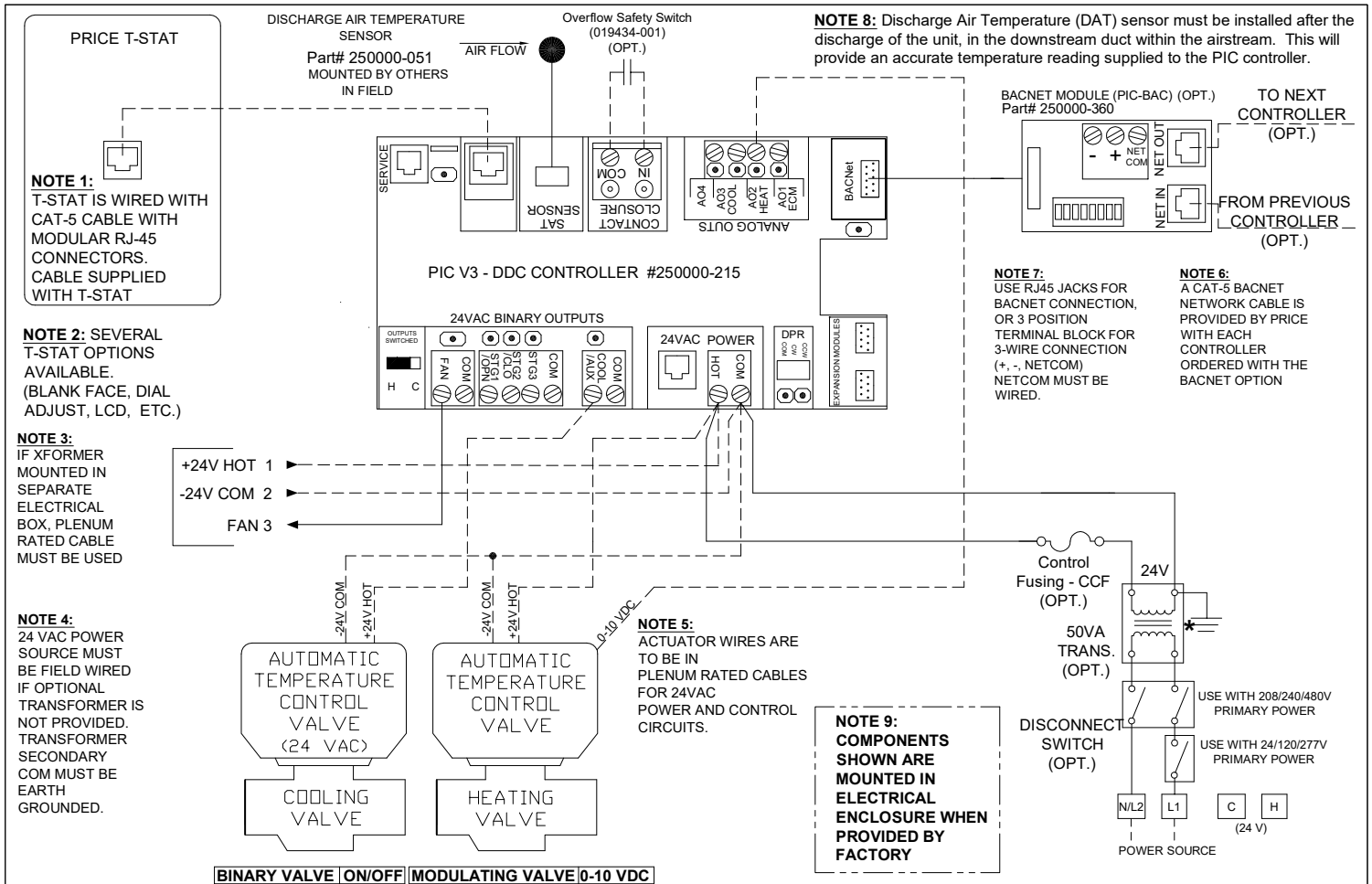
Cooling: On an increase in space temperature above the set point, the controller energizes the fan motor and modulates the chilled water valve to maintain a 55°F (adjustable) discharge air temperature.

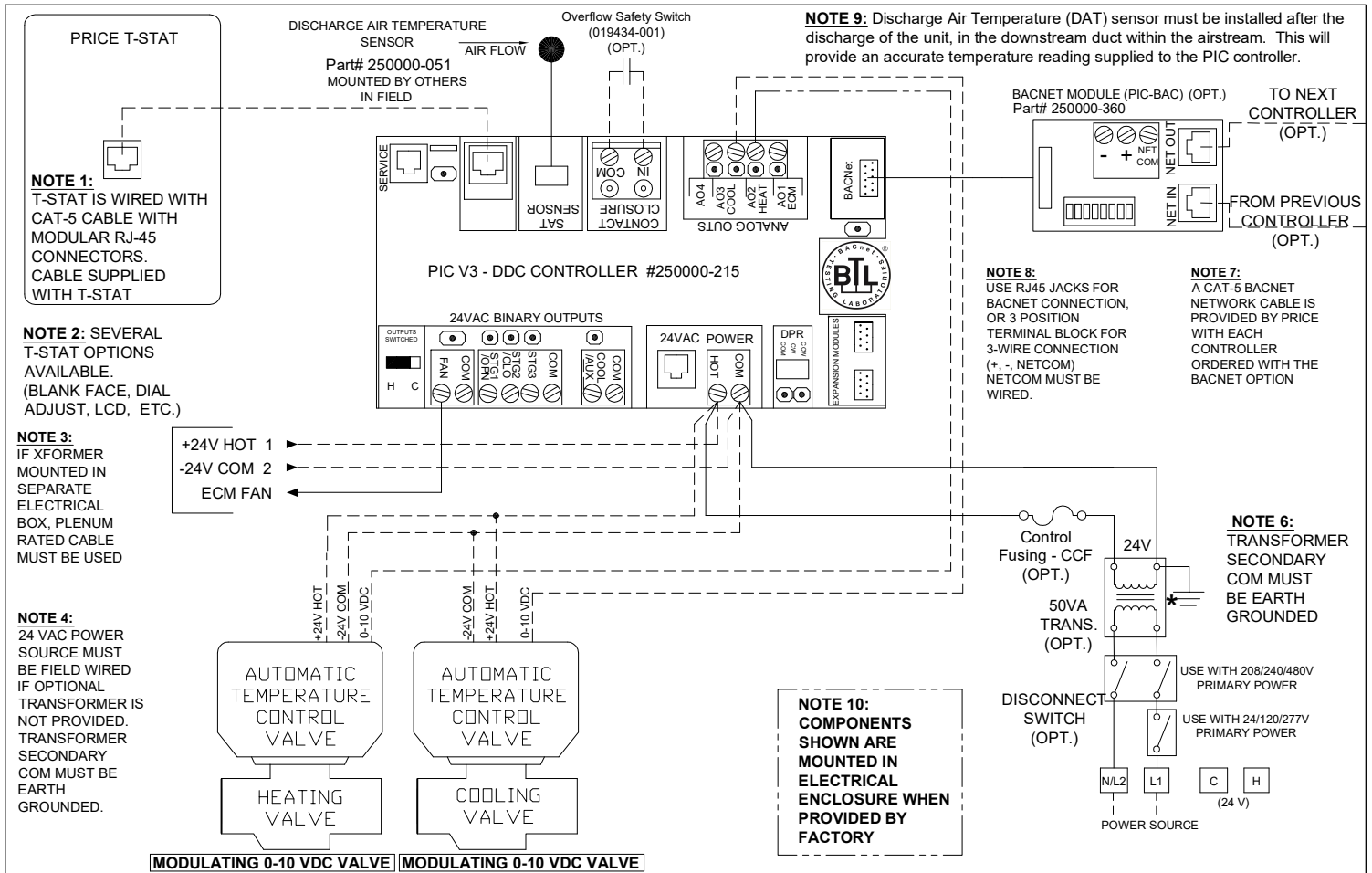
Dead Band: With no demand in the space, the water valve actuators remain closed. Fan Flow remains OFF.

Heating: On a decrease in space temperature below the set point, the controller opens the hot water valve and energizes the fan motor.

Discharge Air Temperature (DAT) Sensor and Control: The sensor provides the controller with the discharge air temperature reading. This temperature is used to control the modulating cooling valve to achieve a set discharge temperature. Note: Discharge Air Temperature Control is only possible with modulating valves.

PROJECT:		<div> PRICE®</div> <div></div> <div>FAN/BLOWER COIL CONTROLS PIC-FC ON/OFF MOTOR 4-PIPE ON/OFF HEATING & 0-10VDC COOLING WITH COOLING DAT CONTROL</div>
ENGINEER:		
CUSTOMER:		
SUBMITTAL DATE:	SPEC. SYMBOL:	
		259536
		2020/06/19





PROJECT:		<div><div>price®</div><div><div>mm</div><div><div></div><div>de</div></div></div></div>
ENGINEER:		
CUSTOMER:		
SUBMITTAL DATE:	SPEC. SYMBOL:	
		259538
		2020/06/22

FAN/BLOWER COIL CONTROLS

PIC-FC

ON/OFF FAN

4-PIPE 0-10VDC HEATING

& 0-10VDC COOLING

WITH DAT CONTROL