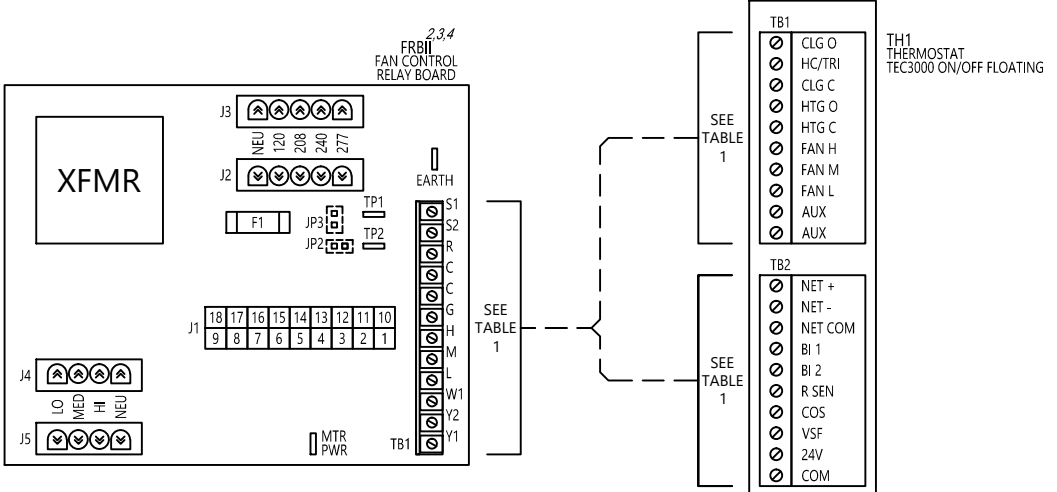


Tstat Code	Description	Valve Position	# of Wires <sup>9</sup>	TEC3000-TB1										TEC3000-TB2													
				CLG	OHC/TRI	CLG	HTG	OHTG	C	FAN H	FAN M	FAN L	AUX	AUX	NET +	NET -	NET COM	BI1	BI2	R SEN	COS	VSF	24V	COM			
N03C	2-pipe Cooling Only	On/Off (NC)	7	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	R	C			
		On/Off (NO)	7	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	R	C		
	2-pipe Cooling Only with motorized OA damper	On/Off (NC)	9	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	R	C		
		On/Off (NO)	9	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	R	C		
N03H	2-pipe Heating Only	On/Off (NC)	7	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	R	C		
		On/Off (NO)	7	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	R	C		
	2-pipe Heating Only with motorized OA damper	On/Off (NC)	9	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	R	C		
		On/Off (NO)	9	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	R	C		
N05	2-pipe Changeover	On/Off (NC)	8	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	S2	R	C		
		On/Off (NO)	8	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	S2	R	C	
	2-pipe Changeover with motorized OA damper	On/Off (NC)	10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	S2	R	C	
		On/Off (NO)	9	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	S2	R	C
N07	2-pipe Changeover with Aux EH	On/Off (NC)	10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	S2	R	C	
		On/Off (NO)	10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	S2	R	C
N08	2-pipe Cooling with Aux EH	On/Off (NC)	9	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	R	C		
		On/Off (NO)	9	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	R	C	
N11	4-pipe	On/Off (NC, NC)	8	Y1	R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	R	C		
		On/Off (NO, NO)	8	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	R	C	
		On/Off (CW-NC, HW-NC)	8	Y1	R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	R	C	
		On/Off (CW-NO, HW-NC)	8	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	R	C
	4-pipe with motorized OA damper	On/Off (NC, NC)	10	Y1	R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	R	C	
		On/Off (NO, NO)	10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	R	C
		On/Off (CW-NC, HW-NC)	10	Y1	R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	R	C
		On/Off (CW-NO, HW-NC)	10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	R	C

TABLE 1 - TEC3000-FRBII CONNECTIONS



- NOTES:
1. FIELD WIRING MUST BE COPPER CONDUCTOR, RATED AT 75°C MINIMUM.
  2. REMOVE SPEED SELECT JUMPER JP1 FROM FRBII BEFORE CONNECTING THERMOSTAT.
  3. INSTALL JP3 ON BOTH PINS IF NO MOTORIZED OA DAMPER. FOR UNIT WITH MOTORIZED OA DAMPER, REMOVE JP3. REFER TO UNIT W/D FOR JP2 REQUIREMENTS.
  4. BACnet CONNECTION APPLIES TO BACnet ENABLED THERMOSTATS ONLY, MODELS TEC36xx.
  5. NC = NORMALLY CLOSED, NO = NORMALLY OPEN, CW = CHILLED WATER, HW = HOT WATER
  6. DASHED (FIELD) WIRING SHOWN. IF ORDERED AS UNIT MOUNTED, THE FACTORY WILL TERMINATE WIRES WITH QUICK DISCONNECT PLUGS.
  7. UNIT MOUNTED THERMOSTATS FOR SOME MODELS MAY INCLUDE A FACTORY INSTALLED AND WIRED TEMPERATURE SENSOR FOR BETTER ACCURACY.
  8. # OF WIRES DOES NOT INCLUDE OPTIONAL BACNET WIRING OR REMOTE TEMPERATURE SENSORS.

REVISION DESCRIPTION		ZONE		STANDARD APPLIED TOLERANCES		THIS DRAWING MAY NOT REFLECT THE MOST CURRENT REVISION. PLEASE CHECK TO MAKE SURE DRAWING IS CURRENT.	
REVISED COM WIRE FROM S1 TO C.				WELDING: LENGTH ±0.063 ANGULAR ±3° SQUARE ±0.063 Cu TUBING: CUT LENGTH ±0.063 FORMED LENGTH ±0.125 FORMED ANGLE ±5° SHEET METAL: HOLE DIA ±0.005 CUT SIZE ±0.031 CUT ANGLE ±1° CUT SQUARE ±0.016 FORMED DIM ±0.031 FORMED ANGLE ±3° FORMED SQUARE ±0.031		THIS DRAWING CONTAINS PROPRIETARY DATA. UNAUTHORIZED DISCLOSURE REPRODUCTION, OR USE IS STRICTLY PROHIBITED WITHOUT WRITTEN PERMISSION.	
TITLE: WD,TSTAT,TEC3000 COLOR N-SERIES, ON/OFF VALVE, 3-SPD FAN		MATERIAL		SCALE: NTS		PART NO: 88-21100-01	
ECR NO: 8072	BY: SP	DATE: 06/25/2021	CK BY: JAC	DATE: 06/25/2021	DO NOT SCALE DRAWING DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED	SHEET: 01 OF 03	DRAWING NO: 88-21100

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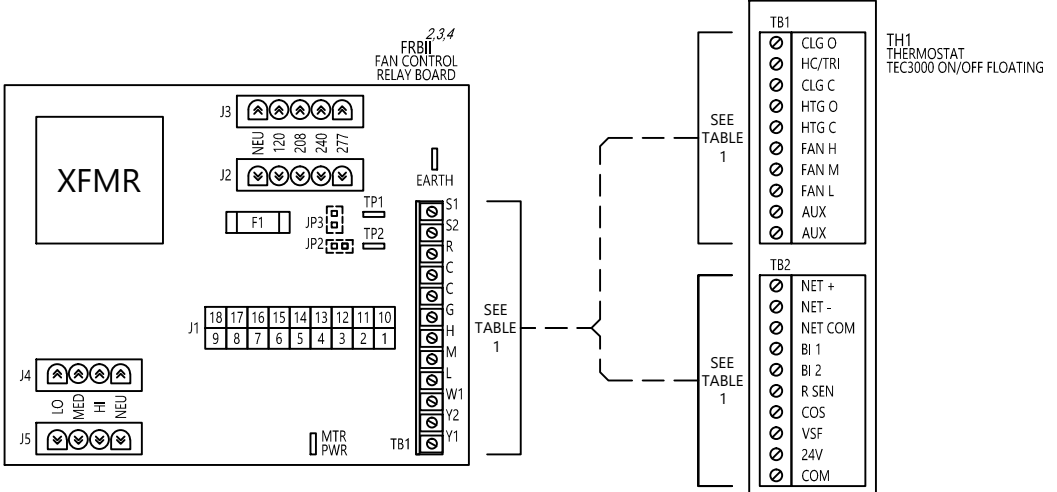
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Tstat Code	Description	Valve Position	# of Wires <sup>9</sup>	TEC3000-TB1										TEC3000-TB2																																					
				CLG	OHC/TRI	CLG	HTG	OHTG	C	FAN H	FAN M	FAN L	AUX	AUX	NET +	NET -	NET COM	BI1	BI2	R SEN	COS	VSF	24V	COM																											
F03C	2-pipe Cooling Only	Floating Modulating	8	/	R	/	Y1	Y2	H	M	L	/	/	Optional BACnet <sup>5</sup>				Note 8	/	/	/	R	C																												
	2-pipe Cooling Only with motorized OA damper	Floating Modulating	10	/	R	/	Y1	Y2	H	M	L	G	R						/	/	/	/	/	/	/	R	C																								
F03H	2-pipe Heating Only	Floating Modulating	8	/	R	/	W1	S2	H	M	L	/	/						Optional BACnet <sup>5</sup>				Note 8	/	/	/	R	C																							
	2-pipe Heating Only with motorized OA damper	Floating Modulating	10	/	R	/	W1	S2	H	M	L	G	R											/	/	/	/	/	/	/	R	C																			
F05	2-pipe Changeover	Floating Modulating	9	/	R	/	Y1	Y2	H	M	L	/	/											Optional BACnet <sup>5</sup>				Note 8	S2	/	/	R	C																		
	2-pipe Changeover with motorized OA damper	Floating Modulating	11	/	R	/	Y1	Y2	H	M	L	G	R																/	/	/	/	/	/	/	R	C														
F07	2-pipe Changeover with Aux EH	Floating Modulating	11	/	R	/	Y1	Y2	H	M	L	W1	R																Optional BACnet <sup>5</sup>				Note 8	/	/	/	R	C													
F08	2-pipe Cooling with Aux EH	Floating Modulating	10	/	R	/	Y1	Y2	H	M	L	W1	R																					Optional BACnet <sup>5</sup>				Note 8	/	/	/	R	C								
F11	4-pipe	Floating Modulating	10	Y1	R	Y2	W1	S2	H	M	L	/	/																										Optional BACnet <sup>5</sup>				Note 8	/	/	/	R	C			
	4-pipe with motorized OA damper	Floating Modulating	12	Y1	R	Y2	W1	S2	H	M	L	G	R																															/	/	/	/	/	/	/	R

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REVISION DESCRIPTION				ZONE		STANDARD APPLIED TOLERANCES		THIS DRAWING MAY NOT REFLECT THE MOST CURRENT REVISION. PLEASE CHECK TO MAKE SURE DRAWING IS CURRENT.			
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								TITLE: WD,TSTAT,TEC3000 COLOR F-SERIES, FLOATING MODULATING VALVE, 3-SPD FAN			
ECR NO.	BY	DATE	CK BY	DATE	DO NOT SCALE DRAWING DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED		SCALE	PART NO.	SHEET	DRAWING NO	REV
8072	SP	06/25/2021	JAC	06/25/2021			NTS	88-21100- 02	02 of 03	88-21100	B

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