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<th>CLG C</th>
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<th>HTG C</th>
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<th>AUX</th>
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**TABLE 1 - TEC3000-FRBII CONNECTIONS**

**NOTES:**
1. FIELD WIRING MUST BE COPPER CONDUCTOR, RATED AT 75°C MINIMUM.
2. REMOVE SPEED SELECT JUMPER, J1 FROM FRED/PB BEFORE CONNECTING THERMOSTAT.
3. INSTALL J1S ON BOTH PINS # NO MOTORIZED OA DAMPERS, FOR UNIT WITH MOTORIZED OA DAMPER, REMOVE J1P.
4. REFER TO UNIT WID FOR J2P REQUIREMENTS.
5. BACnet CONNECTION APPLIES TO BACnet ENABLED THERMOSTATS ONLY, MODELS TEC939X.
6. NC = NORMALLY CLOSED; NO = NORMALLY OPEN; CW = CHILLED WATER; HW = HOT WATER.
7. DASHED FIELD WIRING SHOWN. IF ORDERED AS UNIT MOUNTED, THE FACTORY WILL TERMINATE WIRING WITH QUICK DISCONNECT PLUG.
8. UNIT MOUNTED THERMOSTATS FOR SOME MODELS MAY INCLUDE A FACTORY INSTALLED AND WIRED TEMPERATURE SENSOR FOR BETTER ACCURACY.
9. # OF WIRES DOES NOT INCLUDE OPTIONAL BACnet WIRING OR REMOTE TEMPERATURE SENSORS.

**INITIAL RELEASE**

**ZONES:**
- Zone A
- Zone B
- Zone C
- Zone D

**REVISION DESCRIPTION**

**DRAWING NO.:** 3786
**DATE:** 12/09/19
**BY:** JAC

**TITLE:** WD, TSTAT, TEC3000 COLOR
**N-SERIES, ON/OFF VALVE, 3-SPD FAN
**SHEET:** 1
**DRAWING NO.:** 88-21100
**REV.:** A

**SCALE:** NT5
**PART NO.:** 88-21100-01

**STANDARD APPLIED TOLERANCES:**
- Welding: ±0.063
- Pipe: ±0.063
- Tubing: ±0.063
- Fan: ±0.125
- Motor: ±0.125
- Harness: ±0.125
- Formed Length: ±0.125
- Formed Angle: ±0.125
- Sheet Metal: ±0.012
- Weld Size: ±0.031
- Cut Size: ±0.031
- Cut Angle: ±0.031
- Cut Square: ±0.031
- Formed Length: ±0.031
- Formed Angle: ±0.031

**ECR NO.:**

**DATE:** 12/09/19
**CK BY:** JAC

**THIS DRAWING MAY NOT REFLECT THE MOST CURRENT REVISION. PLEASE CHECK TO MAKE SURE DRAWING IS CURRENT.**

**THIS DRAWING CONTAINS PROPRIETARY DATA. UNAUTHORIZED DISCLOSURE, REPRODUCTION, OR USE IS STRICTLY PROHIBITED WITHOUT WRITTEN PERMISSION.**

UNCONTROLLED DOCUMENT WHEN PRINTED
## Table 1 - TEC3000-FRBII Connections

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<th>Tstat Code</th>
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**Notes:**

1. **Field wiring must be copper conductor, rated at 75°C minimum.**
2. **Remove speed select jumper J1 from FRBII before connecting thermostat.**
3. **Install J1s on both wiring # NO motorized OA damper, remove J1s.**
4. **Refer to unit WD for J2 requirements.**
5. **Bacnet connection applies to Bacnet enabled thermostats only, models TEC30mx.**
6. **NC = normally closed; NO = normally open, CW = chilled water, HW = hot water.**
7. **Dashed field wiring shown. If ordered as unit mounted, the factory will terminate wires with quick disconnect plug.**
8. **Unit mounted thermostats for some models may include a factory installed and wired temperature sensor for better accuracy.**
9. **# of wires does not include optional BACnet wiring or remote temperature sensors.**

**Revision Description**

- **Initial Release**

**Drawing Information**

- **Drawing No.:** 3786
- **By:** JAC
- **Date:** 12/09/19
- **Check By:** JAC
- **Date:** 12/09/19
- **Scale:** NTS
- **Part No.:** 88-21100-02
- **Sheet:** 2 of 3
- **Revision:** A

**Table 1 - TEC3000-FRBII Connections**

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**Diagram:**

- **Model:** XFMR
- **Diagram Ref: F-SERIES, FLOATING MODULATING VALVE, 3-SPD FAN
- **UNDICTED DOCUMENT WHEN PRINTED**
TABLE 1 - TEC3000-FRBII CONNECTIONS

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NOTES:
1. FIELD WIRING MUST BE COPPER CONDUCTOR, RATED AT 75°C MINIMUM.
2. REMOVE SPEED SELECT JUMPER, J1 FROM FRBII BEFORE CONNECTING THERMOSTAT.
3. INSTALL J5 ON BOTH-FLGS IF NO MOTORIZED OA DAMPER, REMOVE J5.
4. REFER TO UNI WID FOR J5 REQUIREMENTS.
5. BACnet CONNECTION APPLIES TO BACnet ENABLED THERMOSTATS ONLY. MODELS TEC300.
6. NC = NORMALLY CLOSED, NO = NORMALLY OPEN, CW = CHILLED WATER, HW = HOT WATER.
7. DASHED FIELD WIRING SHOWN. IF ORDERED AS UNIT MOUNTED, THE FACTORY WILL TERMINATE WIRES WITH QUICK DISCONNECT PLUGS.
8. UNIT MOUNTED THERMOSTATS FOR SOME MODELS MAY INCLUDE A FACTORY INSTALLED AND WIRER TEMPERATURE SENSOR FOR BETTER ACCURACY.
9. # OF WIRES DOES NOT INCLUDE OPTIONAL BACnet WIRING OR REMOTE TEMPERATURE SENSORS.

INITIAL RELEASE

REV NO.

DATE

Ck BY

DATE

DO NOT SCALE DRAWING EXHENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

SHEET

DRAWING NO.

REV

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