



Service Facts

Split System Heat Pump 4TWX6036B1000A

⚠ CAUTION

UNIT CONTAINS R-410A REFRIGERANT!
R-410A OPERATING PRESSURE EXCEEDS THE LIMIT OF R-22. PROPER SERVICE EQUIPMENT IS REQUIRED. FAILURE TO USE PROPER SERVICE TOOLS MAY RESULT IN EQUIPMENT DAMAGE OR PERSONAL INJURY.

SERVICE
USE ONLY R-410A REFRIGERANT AND APPROVED POE COMPRESSOR OIL.

IMPORTANT — This document contains a wiring diagram, a parts list, and service information. This is customer property and is to remain with this unit. Please return to service information pack upon completion of work.

⚠ WARNING: HAZARDOUS VOLTAGE - DISCONNECT POWER and DISCHARGE CAPACITORS BEFORE SERVICING

PRODUCT SPECIFICATIONS

| OUTDOOR UNIT ①② | 4TWX6036B1000A |
|---------------------------------|---------------------|
| POWER CONNS. — V/PH/HZ ③ | 230/1/60 |
| MIN. BRCH. CIR. AMPACITY | 24 |
| BR. CIR. } MAX. (AMPS) | 40 |
| PROT. RTG. } MIN. (AMPS) | 40 |
| COMPRESSOR | CLIMATUFF® - SCROLL |
| NO. USED - NO. SPEEDS | 1 - 1 |
| VOLTS/PH/HZ | 230/1/60 |
| R.L. AMPS ⑦ - L.R. AMPS | 16.7 - 82 |
| FACTORY INSTALLED | |
| START COMPONENTS ⑧ | NO |
| INSULATION/SOUND BLANKET | YES |
| COMPRESSOR HEAT | YES |
| OUTDOOR FAN | PROPELLER |
| DIA. (IN.) - NO. USED | 27.6 - 1 |
| TYPE DRIVE - NO. SPEEDS | DIRECT - 1 |
| CFM @ 0.0 IN. W.G. ④ | 4150 |
| NO. MOTORS - HP | 1 - 1/3 |
| MOTOR SPEED R.P.M. | 850 |
| VOLTS/PH/HZ | 200/230/1/60 |
| F.L. AMPS | 2.8 |
| OUTDOOR COIL — TYPE | SPINE FIN™ |
| ROWS - F.P.I. | 1 - 24 |
| FACE AREA (SQ. FT.) | 24.88 |
| TUBE SIZE (IN.) | 5/16 |
| REFRIGERANT CONTROL | EXPANSION VALVE |
| REFRIGERANT | |
| LBS. — R-410A (O.D. UNIT) ⑤ | 8 LBS. - 4 OZ. |
| FACTORY SUPPLIED | YES |
| LINE SIZE - IN. O.D. GAS ⑥ | 3/4 |
| LINE SIZE - IN. O.D. LIQ. ⑥ | 3/8 |
| FCCV | |
| RESTRICTOR ORIFICE SIZE | N/A |
| DIMENSIONS | H X W X D |
| CRATED (IN.) | 46.4 x 35.1 x 38.7 |
| WEIGHT | |
| SHIPPING (LBS.) | 305 |
| NET (LBS.) | 258 |

TUBING INFORMATION

| Tubing Sizes | | Tubing Length | Additional Refrigerant |
|--------------|--------|---------------|------------------------|
| Suction | Liquid | | |
| 3/4" | 3/8" | 20' | 3 oz. |
| 3/4" | 3/8" | 30' | 9 oz. |
| 3/4" | 3/8" | 40' | 14 oz. |
| 3/4" | 3/8" | 50' | 20 oz. |
| 3/4" | 3/8" | 60' | 26 oz. |

Tubing lengths in excess of eighty (80) feet see application software.

- ① Certified in accordance with the Air-Source Unitary Heat Pump Equipment certification program, which is based on A.R.I. standard 210/240.
- ② Rated in accordance with A.R.I. standard 270.
- ③ Calculated in accordance with Natl. Elec. Codes. Only use HACR circuit breakers or fuses.
- ④ Standard Air — Dry Coil — Outdoor
- ⑤ This value approximate. For more precise value see unit nameplate.
- ⑥ Max. linear length 80 ft.; Max. lift - Suction 25 ft.; Max lift - Liquid 25 ft. For greater length consult refrigerant piping software Pub. No. 32-3312-0* (* denotes latest revision).
- ⑦ This value shown for compressor RLA on the unit nameplate and on this specification sheet is used to compute minimum branch circuit ampacity and max. fuse size. The value shown is the branch circuit selection current.
- ⑧ No means no start components. Yes means quick start kit components. PTC means positive temperature coefficient starter.

E - SPLIT HEAT PUMP

⚠ CAUTION

HOT SURFACE!
DO NOT TOUCH TOP OF COMPRESSOR.
May cause minor to severe burning.

⚠ CAUTION

CONTAINS REFRIGERANT!
SYSTEM CONTAINS OIL AND REFRIGERANT UNDER HIGH PRESSURE. RECOVER REFRIGERANT TO RELIEVE PRESSURE BEFORE OPENING SYSTEM.
Failure to follow proper procedures can result in personal illness or injury or severe equipment damage.

⚠ WARNING

THIS INFORMATION IS INTENDED FOR USE BY INDIVIDUALS POSSESSING ADEQUATE BACKGROUNDS OF ELECTRICAL AND MECHANICAL EXPERIENCE. ANY ATTEMPT TO REPAIR A CENTRAL AIR CONDITIONING PRODUCT MAY RESULT IN PERSONAL INJURY AND OR PROPERTY DAMAGE. THE MANUFACTURER OR SELLER CANNOT BE RESPONSIBLE FOR THE INTERPRETATION OF THIS INFORMATION, NOR CAN IT ASSUME ANY LIABILITY IN CONNECTION WITH ITS USE.

⚠ CAUTION

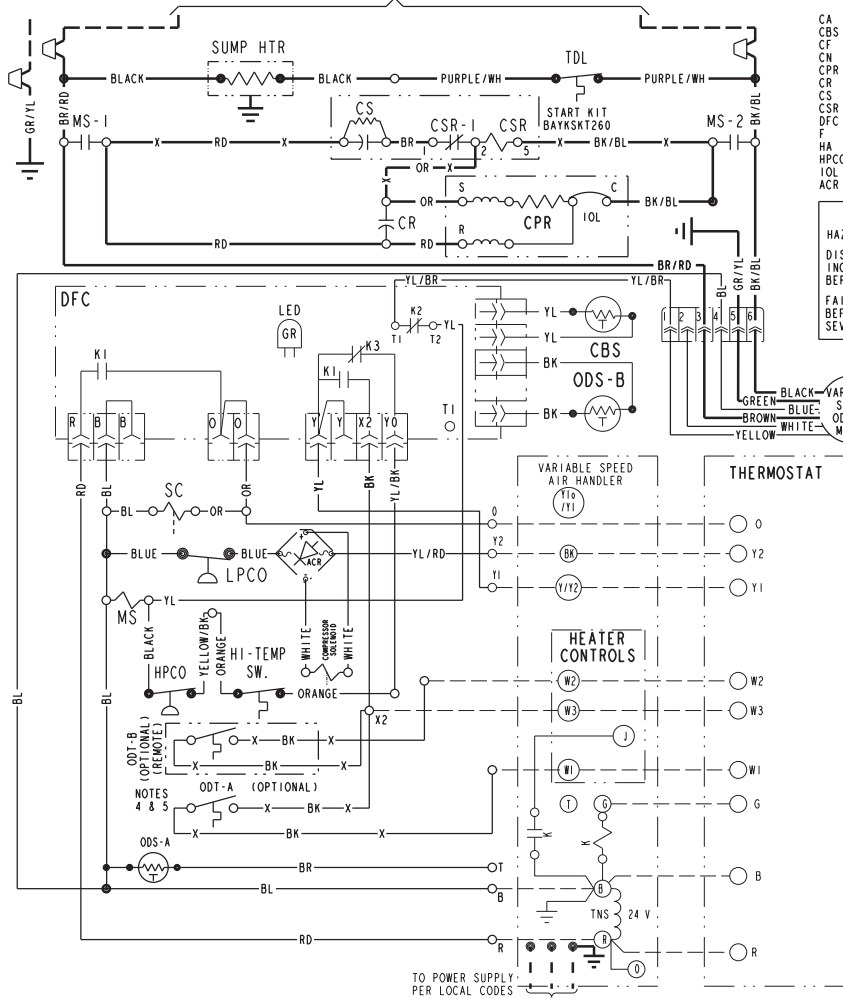
RECONNECT ALL GROUNDING DEVICES. ALL PARTS OF THIS PRODUCT CAPABLE OF CONDUCTING ELECTRICAL CURRENT ARE GROUNDED. IF GROUNDING WIRES, SCREWS, STRAPS, CLIPS, NUTS OR WASHERS USED TO COMPLETE A PATH TO GROUND ARE REMOVED FOR SERVICE, THEY MUST BE RETURNED TO THEIR ORIGINAL POSITION AND PROPERLY FASTENED.

NOTICE: Trane has a policy of continuous product and product data improvement and it reserves the right to change design and specifications without notice.

SCHEMATIC DIAGRAM

4TWX6036B1000A

TO POWER SUPPLY PER UNIT NAMEPLATE AND LOCAL CODES



| | | |
|---------------------------------|--------------------------------|-----|
| CA COOLING ANTICIPATOR | LPCO LOW PRESSURE CUTOFF SW. | LEG |
| CBS COIL BOTTOM SENSOR | MS COMPRESSOR MOTOR CONTACTOR | — |
| CF FAN CAPACITOR | ODA OUTDOOR ANTICIPATOR | — |
| CN WIRE CONNECTOR | OFT OUTDOOR FAN THERMOSTAT | — |
| CPR COMPRESSOR | ODS OUTDOOR TEMPERATURE SENSOR | — |
| CR RUN CAPACITOR | ODT OUTDOOR THERMOSTAT | — |
| CS STARTING CAPACITOR | RHS RESISTANCE HEAT SWITCH | — |
| CSR CAPACITOR SWITCHING RELAY | SC SWITCHOVER VALVE SOLENOID | — |
| DFC DEFROST CONTROL | SM SYSTEM "ON-OFF" SWITCH | — |
| F INDOOR FAN RELAY | TDL DISCHARGE LINE THERMOSTAT | — |
| HA HEATING ANTICIPATOR | TNS TRANSFORMER | — |
| HPCO HIGH PRESSURE CUTOFF SW. | TS HEATING-COOLING THERMOSTAT | — |
| IOL INTERNAL OVERLOAD PROTECTOR | TSH HEATING THERMOSTAT | — |
| ACR A/C RECTIFIER | | — |

WARNING
HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING.
FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH!

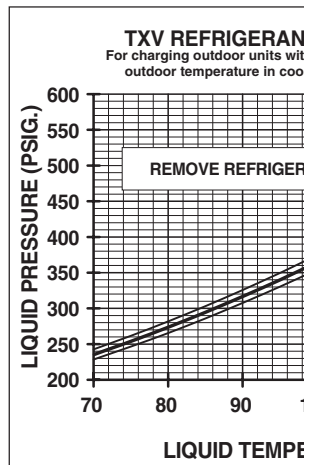
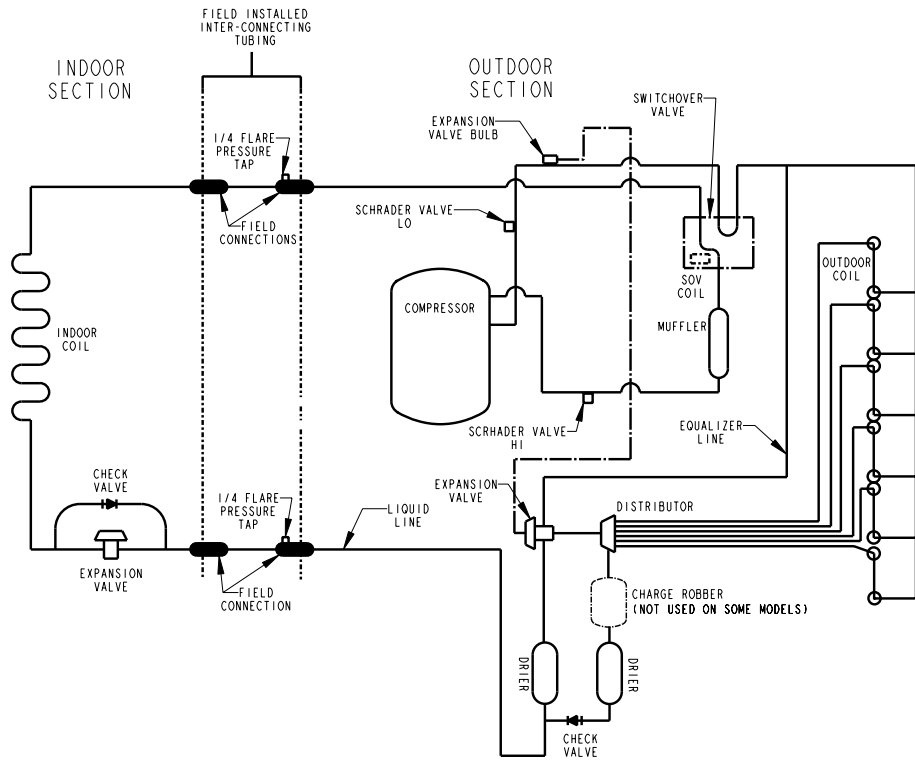
CAUTION
USE COPPER CONDUCTORS ONLY!
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.
FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT!

- NOTES:
1. BE SURE POWER SUPPLY AGREES WITH EQUIPMENT NAMEPLATE.
 2. POWER WIRING AND GROUNDING OF EQUIPMENT MUST COMPLY WITH LOCAL CODES.
 3. LOW VOLTAGE WIRING TO BE NO. 18 AWG MINIMUM CONDUCTOR.
 4. ODT-B MUST BE SET LOWER THAN ODT-A
 5. IF ODT-B IS NOT USED, CONNECT A JUMPER WIRE FROM W3 TO W2. IF ODT-A IS NOT USED, CONNECT A JUMPER WIRE FROM W2 TO W1.
 6. IF ELECTRIC HEATER DOES NOT HAVE A 3RD CONTACTOR (CH), CONNECT A JUMPER WIRE FROM W3 TO W2. IF ELECTRIC HEATER DOES NOT HAVE A 2ND CONTACTOR (BH), CONNECT A JUMPER WIRE FROM W2 TO W1.
 7. X2 MUST BE CONNECTED TO VARIABLE SPEED AIR HANDLER TERMINAL W3, AS SHOWN, FOR PROPER INDOOR AIR FLOW DURING THE DEFROST CYCLE.
 8. BE SURE THE JUMPER BETWEEN R AND BK IS CUT OR REMOVED.
 9. WITH 0 AND Y/Y2 ENERGIZED, INDOOR FAN IS AT 80% AIRFLOW.
 10. WITH 0, Y/Y2 AND BK ENERGIZED, INDOOR FAN IS AT 100% AIRFLOW.

FOR CANADIAN INSTALLATIONS
POUR INSTALLATIONS CANADIENNES
CAUTION: NOT SUITABLE FOR USE ON SYSTEMS EXCEEDING 150V-TO-GROUND.
ATTENTION: NE CONVIENT PAS AUX INSTALLATIONS DE PLUS DE 150 V A LA TERRE.

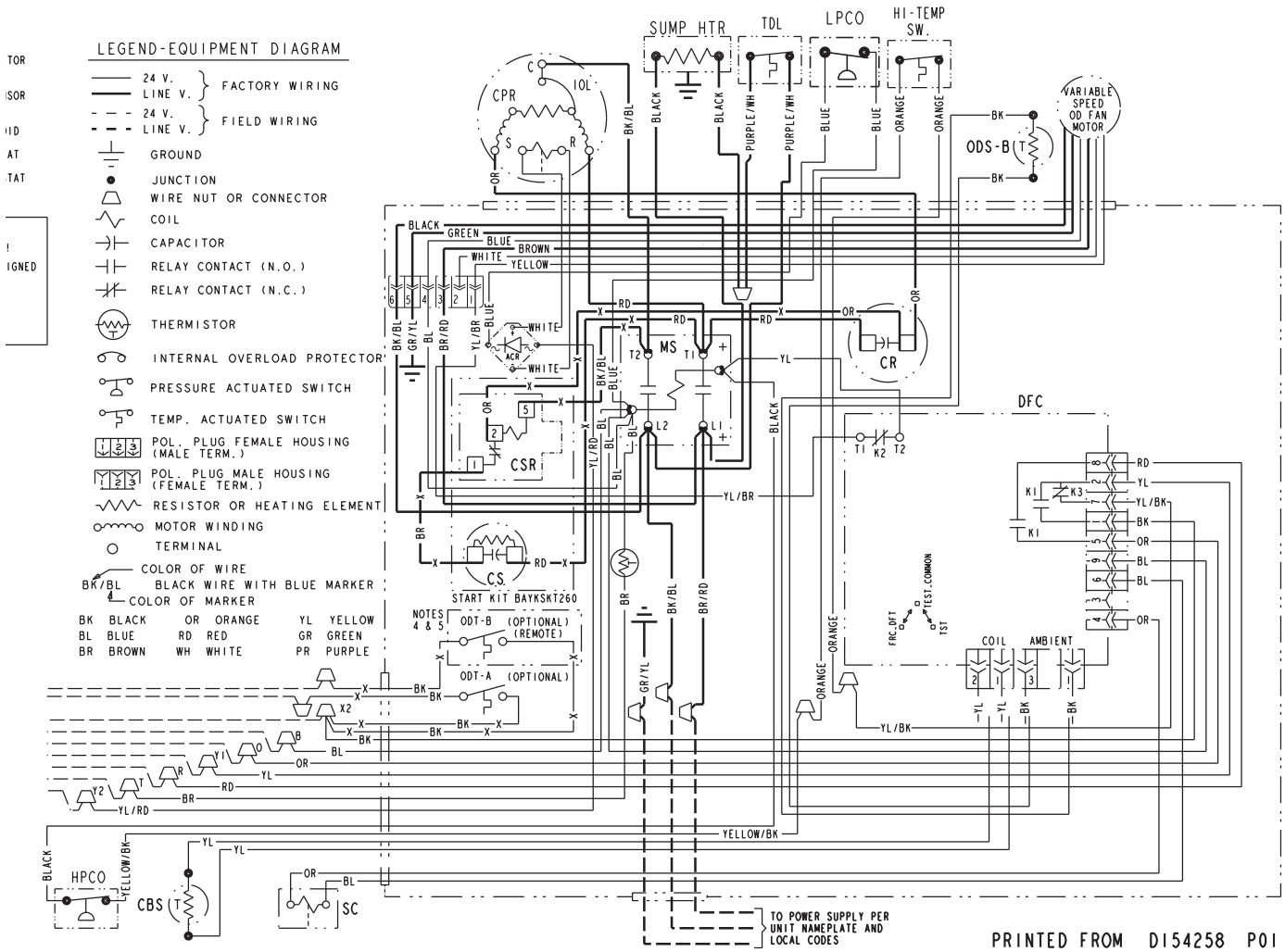
REFRIGERANT CIRCUIT

FOR FIRST S



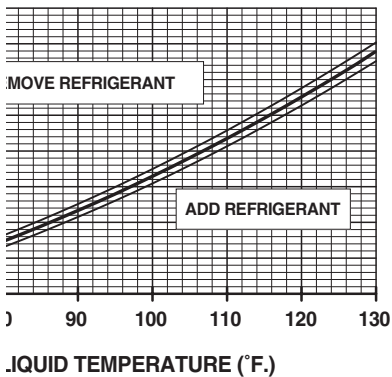
1. Measure Liquid Line Temperature and Refrigerant Pressure at service valves.
2. Determine total refrigerant pipe length and height (lift) if indoor section is above the condenser. Plot the intersection of the two points on the Curve Selection Chart to determine which curve to use.
3. Plot the pressure and temperature on the TXV Charging Curve.
4. If the lines cross above the curve remove refrigerant, if below curve add refrigerant.
5. Whenever charge or added, the system should be operated for 20 minutes to allow the refrigerant to settle.
6. When system is recharged, refer to the TXV Charging Curve for performance and charge and pressure.

WIRING DIAGRAM



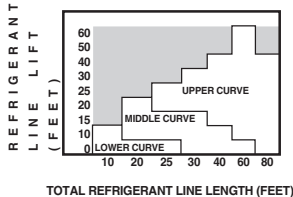
FIRST STAGE ONLY

REFRIGERANT CHARGING CURVE
 For charging outdoor units with R-410A refrigerant at above 65°F outdoor temperature in cooling mode and with indoor TXV.



- Whenever charge is removed or added, the system must be operated for a minimum 20 minutes to stabilize before additional measurements can be made.
- When system is correctly charged refer to System Performance Curves to verify charge and performance.

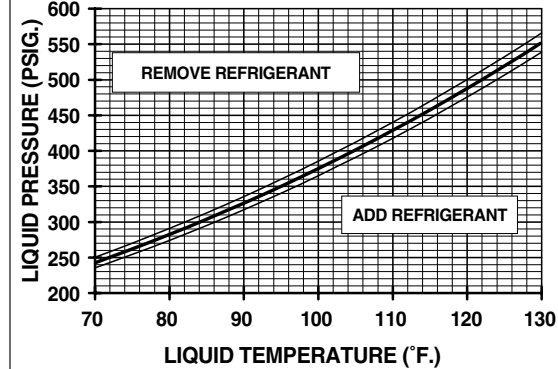
CHARGING CURVE SELECTION CHART



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FOR SECOND STAGE ONLY

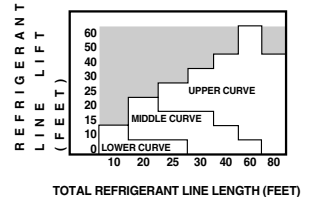
TXV REFRIGERANT CHARGING CURVE
 For charging outdoor units with R-410A refrigerant at above 65°F outdoor temperature in cooling mode and with indoor TXV.



- Measure Liquid Line Temperature and Refrigerant Pressure at service valves.
- Determine total refrigerant pipe length and height (lift) if indoor section is above the condenser. Plot the intersection of the two points on the Curve Selection Chart to determine which curve to use.
- Plot the pressure and temperature on the TXV Charging Curve.
- If the lines cross above the curve remove refrigerant, if below curve add refrigerant.

- Whenever charge is removed or added, the system must be operated for a minimum 20 minutes to stabilize before additional measurements can be made.
- When system is correctly charged refer to System Performance Curves to verify charge and performance.

CHARGING CURVE SELECTION CHART

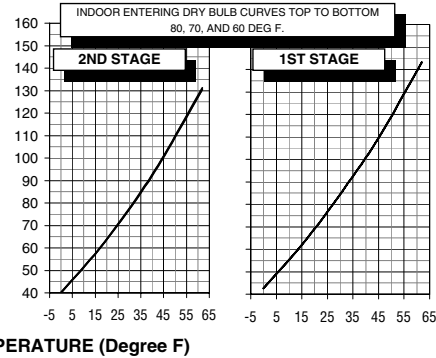
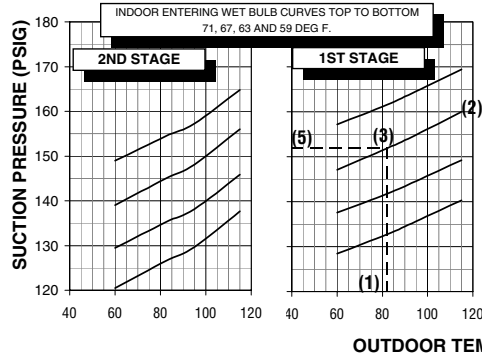
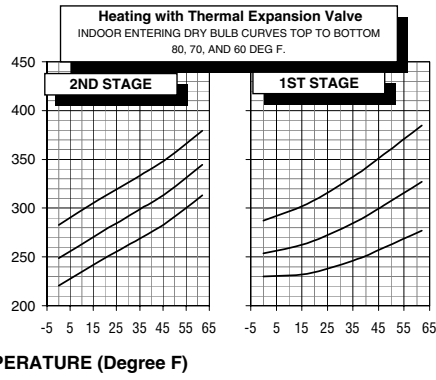
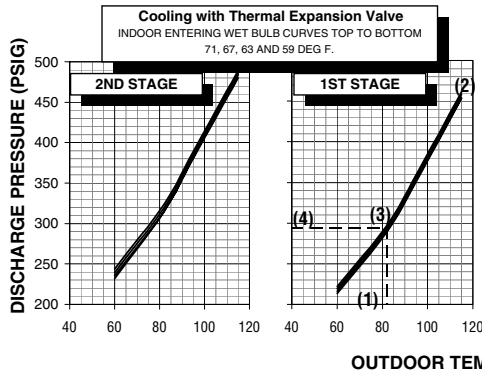


A150999P05 REV.0

PRESSURE CURVES FOR 4TWX6036B1000A

4TEE3F40A

4TEE3F40A



OUTDOOR TEMPERATURE (Degree F)

COOLING PERFORMANCE CAN BE CHECKED WHEN THE OUTDOOR TEMP IS ABOVE 65 DEG F.

TO CHECK COOLING PERFORMANCE, SELECT THE PROPER INDOOR CFM, ALLOW PRESSURES TO STABILIZE. MEASURE INDOOR WET BULB TEMPERATURE, OUTDOOR TEMPERATURE, DISCHARGE AND SUCTION PRESSURES. ON THE PLOTS LOCATE OUTDOOR TEMPERATURE (1); LOCATE INDOOR WET BULB (2); FIND INTERSECTION OF OD TEMP. & ID W.B. (3); READ DISCHARGE OR SUCTION PRESSURE IN LEFT COLUMN (4).

- EXAMPLE: (1) OUTDOOR TEMP. 82 F.
(2) INDOOR WET BULB 67 F.
(3) AT INTERSECTION
(4) DISCHARGE PRESSURE @ 950 CFM IS 294 PSIG
(5) SUCTION PRESSURE @ 1230 CFM IS 152 PSIG

ACTUAL:
DISCHARGE PRESSURE SHOULD BE +/- 10 PSI OF CHART
SUCTION PRESSURE SHOULD BE +/- 3 PSIG OF CHART

INTERCONNECTING LINES
GAS - 3/4" O.D.
LIQUID - 3/8" O.D.

DWG.NO. 4TWX6036B1

FIRST STAGE ALTERNATE INDOOR UNITS WITH TXV

| INDOOR UNIT | CFM | PRESSURE CURVE CORRECTION PSIG | | INDOOR UNIT | CFM | PRESSURE CURVE CORRECTION PSIG | | | | | |
|---------------------|------|--------------------------------|----------------------------|-------------|-----|--------------------------------|----------------------------|-----|----|----|----|
| | | -COOLING- SUCT. HEAD PRESS | -HEATING- SUCT. HEAD PRESS | | | -COOLING- SUCT. HEAD PRESS | -HEATING- SUCT. HEAD PRESS | | | | |
| 4TEE3F37A | 875 | -10 | -2 | 4 | 34 | TDY120R9V5+TXH033A4 | 815 | -11 | -2 | 5 | 50 |
| 4TEE3F40A | 1075 | 0 | 0 | 0 | 0 | TDY120R9V5+TXH041A4 | 815 | -10 | -2 | 6 | 31 |
| TDD060R9V3+RXC031S3 | 906 | -9 | -2 | 2 | 33 | TUD060R9V3+TXC042C4 | 950 | -10 | -2 | 2 | 28 |
| TDD060R9V3+RXC036S3 | 906 | -6 | -1 | 4 | 16 | TUD060R9V3+TXC042C4 | 950 | -8 | -1 | 1 | 25 |
| TDD060R9V3+RXC031S3 | 845 | -10 | -2 | 4 | 37 | TUD060R9V3+TXC048C4 | 950 | -6 | -1 | 5 | 10 |
| TDD060R9V3+RXC036S3 | 853 | -7 | -1 | 7 | 20 | TUD060R9V3+TXH033A4 | 945 | -8 | -1 | 5 | 43 |
| TDD100R9V3+RXC037S3 | 891 | -6 | -1 | 4 | 16 | TUD060R9V3+TXH041A4 | 945 | -7 | -1 | 1 | 22 |
| TUY080R9V3+RXC031S3 | 792 | -12 | -2 | -3 | 45 | TUD060R9V3+TXC036C4 | 900 | -10 | -2 | 2 | 33 |
| TUY080R9V3+RXC036S3 | 792 | -9 | -1 | 2 | 27 | TUD060R9V3+TXC042C4 | 900 | -9 | -2 | 0 | 28 |
| TDY100R9V3+RXC037S3 | 792 | -9 | -1 | 2 | 27 | TUD060R9V3+TXC048C4 | 900 | -7 | -1 | 4 | 16 |
| TUD060R9V3+RXC031S3 | 906 | -9 | -2 | 2 | 33 | TUD060R9V3+TXH033A4 | 905 | -9 | -1 | 5 | 43 |
| TUD060R9V3+RXC036S3 | 906 | -6 | -1 | 4 | 16 | TUD060R9V3+TXH041A4 | 905 | -8 | -1 | 1 | 27 |
| TUD060R9V3+RXC031S3 | 906 | -9 | -2 | 2 | 33 | TUD060R9V4+TXC037C4 | 900 | -10 | -2 | 2 | 33 |
| TUD060R9V3+RXC036S3 | 906 | -6 | -1 | 4 | 16 | TUD060R9V4+TXC043C4 | 900 | -9 | -2 | 0 | 28 |
| TUD060R9V3+RXC037S3 | 906 | -6 | -1 | 4 | 16 | TUD060R9V4+TXC049C4 | 900 | -7 | -1 | 4 | 16 |
| TUD100R9V3+RXC031S3 | 906 | -6 | -1 | 4 | 16 | TUD060R9V4+TXH033A4 | 905 | -9 | -1 | 5 | 43 |
| TUD100R9V3+RXC037S3 | 906 | -6 | -1 | 4 | 16 | TUD060R9V4+TXH041A4 | 905 | -8 | -1 | 1 | 27 |
| TUD100R9V3+RXC031S3 | 943 | -8 | -1 | 2 | 28 | TUD100R9V5+TXC037C4 | 900 | -10 | -2 | 1 | 33 |
| TUD100R9V3+RXC036S3 | 943 | -5 | -1 | 5 | 10 | TUD100R9V5+TXC043C4 | 900 | -9 | -2 | 0 | 28 |
| TUY080R9V3+RXC036S3 | 785 | -9 | -2 | 1 | 30 | TUD100R9V5+TXC049C4 | 900 | -7 | -1 | 4 | 16 |
| TUY100R9V3+RXC037S3 | 800 | -9 | -1 | 2 | 27 | TDY100R9V5+TXH033A4 | 905 | -9 | -1 | 5 | 43 |
| TDD060R9V3+TXC036C4 | 915 | -10 | -2 | 2 | 28 | TDY100R9V5+TXH041A4 | 905 | -8 | -1 | 1 | 27 |
| TDD060R9V3+TXC042C4 | 920 | -9 | -2 | 1 | 25 | TUD100R9V5+TXC048C4 | 940 | -10 | -2 | 2 | 28 |
| TDD060R9V3+TXC048C4 | 920 | -7 | -1 | 2 | 14 | TUD100R9V4+TXC042C4 | 840 | -13 | -2 | -3 | 45 |
| TDD060R9V3+TXH033A4 | 905 | -9 | -2 | 1 | 43 | TUD100R9V4+TXC048C4 | 840 | -7 | -1 | 5 | 10 |
| TDD060R9V3+TXH041A4 | 905 | -8 | -1 | 1 | 27 | TUD100R9V4+TXH033A4 | 945 | -8 | -1 | 5 | 43 |
| TDD060R9V3+TXC036C4 | 850 | -12 | -2 | 4 | 37 | TUD100R9V4+TXH033A4 | 925 | -7 | -1 | 5 | 21 |
| TDD060R9V3+TXC042C4 | 850 | -10 | -2 | 1 | 33 | TUD100R9V4+TXH041A4 | 915 | -7 | -1 | 2 | 14 |
| TDD060R9V3+TXC048C4 | 850 | -9 | -1 | 7 | 20 | TUD120R9V3+TXC050C4 | 800 | -12 | -2 | 1 | 33 |
| TDD060R9V3+TXH033A4 | 850 | -10 | -2 | 1 | 51 | TUD120R9V3+TXH033A4 | 800 | -11 | -2 | 4 | 38 |
| TDD060R9V3+TXH041A4 | 860 | -9 | -1 | 1 | 32 | TUD120R9V3+TXH041A4 | 800 | -11 | -2 | 1 | 32 |
| TDD100R9V3+TXC037C4 | 900 | -10 | -2 | 2 | 33 | TUY080R9V3+TXC036C4 | 775 | -13 | -2 | 4 | 46 |
| TDD100R9V3+TXC043C4 | 900 | -9 | -2 | 0 | 28 | TUY080R9V3+TXC042C4 | 775 | -12 | -2 | 4 | 37 |
| TDD100R9V3+TXC049C4 | 900 | -7 | -1 | 4 | 16 | TUY080R9V3+TXC048C4 | 775 | -10 | -2 | 1 | 30 |
| TDY100R9V3+TXH033A4 | 850 | -10 | -2 | 1 | 51 | TUY080R9V3+TXH033A4 | 755 | -12 | -2 | -3 | 66 |
| TDY100R9V3+TXH041A4 | 905 | -8 | -1 | 1 | 27 | TUY080R9V3+TXH041A4 | 775 | -11 | -2 | 0 | 41 |
| TDD120R9V5+TXC050C4 | 900 | -7 | -1 | 4 | 16 | TUY100R9V4+TXC037C4 | 800 | -12 | -2 | -3 | 45 |
| TDD120R9V5+TXH033A4 | 900 | -9 | -1 | 5 | 43 | TUY100R9V4+TXC043C4 | 800 | -12 | -2 | -3 | 37 |
| TDD120R9V5+TXH041A4 | 900 | -8 | -1 | 1 | 27 | TUY100R9V4+TXC049C4 | 800 | -10 | -2 | 2 | 27 |
| TDY080R9V3+TXC036C4 | 830 | -12 | -2 | 5 | 37 | TUY100R9V4+TXH033A4 | 790 | -11 | -2 | 5 | 56 |
| TDY080R9V3+TXC042C4 | 830 | -11 | -2 | 4 | 31 | TUY100R9V4+TXH041A4 | 790 | -10 | -2 | 1 | 32 |
| TDY080R9V3+TXC048C4 | 830 | -9 | -2 | 6 | 21 | TUY120R9V3+TXC050C4 | 800 | -10 | -2 | 2 | 27 |
| TDY080R9V3+TXH033A4 | 835 | -10 | -2 | 5 | 50 | TUY120R9V3+TXH033A4 | 800 | -11 | -2 | 5 | 56 |
| TDY100R9V3+TXH033A4 | 790 | -11 | -2 | 5 | 56 | TUY120R9V3+TXH041A4 | 800 | -10 | -2 | 1 | 32 |
| TDY100R9V3+TXH041A4 | 790 | -10 | -2 | 1 | 32 | | | | | | |
| TDY120R9V5+TXC050C4 | 815 | -9 | -2 | 6 | 21 | | | | | | |

FIRST STAGE ALTERNATE INDOOR UNITS WITH TXV

| INDOOR UNIT | CFM | PRESSURE CURVE CORRECTION PSIG | | INDOOR UNIT | CFM | PRESSURE CURVE CORRECTION PSIG | | | | | |
|---------------------|------|--------------------------------|----------------------------|-------------|-----|--------------------------------|----------------------------|-----|----|----|----|
| | | -COOLING- SUCT. HEAD PRESS | -HEATING- SUCT. HEAD PRESS | | | -COOLING- SUCT. HEAD PRESS | -HEATING- SUCT. HEAD PRESS | | | | |
| 4TEE3F37A | 875 | -10 | -2 | 4 | 34 | TDY120R9V5+TXH033A4 | 815 | -11 | -2 | 5 | 50 |
| 4TEE3F40A | 1075 | 0 | 0 | 0 | 0 | TDY120R9V5+TXH041A4 | 815 | -10 | -2 | 6 | 31 |
| TDD060R9V3+RXC031S3 | 906 | -9 | -2 | 2 | 33 | TUD060R9V3+TXC042C4 | 950 | -10 | -2 | 2 | 28 |
| TDD060R9V3+RXC036S3 | 906 | -6 | -1 | 4 | 16 | TUD060R9V3+TXC042C4 | 950 | -8 | -1 | 1 | 25 |
| TDD060R9V3+RXC031S3 | 845 | -10 | -2 | 4 | 37 | TUD060R9V3+TXC048C4 | 950 | -6 | -1 | 5 | 10 |
| TDD060R9V3+RXC036S3 | 853 | -7 | -1 | 7 | 20 | TUD060R9V3+TXH033A4 | 945 | -8 | -1 | 5 | 43 |
| TDD100R9V3+RXC037S3 | 891 | -6 | -1 | 4 | 16 | TUD060R9V3+TXH041A4 | 945 | -7 | -1 | 1 | 22 |
| TUY080R9V3+RXC031S3 | 792 | -12 | -2 | -3 | 45 | TUD060R9V3+TXC036C4 | 900 | -10 | -2 | 2 | 33 |
| TUY080R9V3+RXC036S3 | 792 | -9 | -1 | 2 | 27 | TUD060R9V3+TXC042C4 | 900 | -9 | -2 | 0 | 28 |
| TDY100R9V3+RXC037S3 | 792 | -9 | -1 | 2 | 27 | TUD060R9V3+TXC048C4 | 900 | -7 | -1 | 4 | 16 |
| TUD060R9V3+RXC031S3 | 906 | -9 | -2 | 2 | 33 | TUD060R9V3+TXH033A4 | 905 | -9 | -1 | 5 | 43 |
| TUD060R9V3+RXC036S3 | 906 | -6 | -1 | 4 | 16 | TUD060R9V3+TXH041A4 | 905 | -8 | -1 | 1 | 27 |
| TUD060R9V3+RXC031S3 | 906 | -9 | -2 | 2 | 33 | TUD060R9V4+TXC037C4 | 900 | -10 | -2 | 2 | 33 |
| TUD060R9V3+RXC036S3 | 906 | -6 | -1 | 4 | 16 | TUD060R9V4+TXC043C4 | 900 | -9 | -2 | 0 | 28 |
| TUD060R9V3+RXC037S3 | 906 | -6 | -1 | 4 | 16 | TUD060R9V4+TXC049C4 | 900 | -7 | -1 | 4 | 16 |
| TUD100R9V3+RXC031S3 | 906 | -6 | -1 | 4 | 16 | TUD060R9V4+TXH033A4 | 905 | -9 | -1 | 5 | 43 |
| TUD100R9V3+RXC037S3 | 906 | -6 | -1 | 4 | 16 | TUD060R9V4+TXH041A4 | 905 | -8 | -1 | 1 | 27 |
| TUD100R9V3+RXC031S3 | 943 | -8 | -1 | 2 | 28 | TUD100R9V5+TXC037C4 | 900 | -10 | -2 | 1 | 33 |
| TUD100R9V3+RXC036S3 | 943 | -5 | -1 | 5 | 10 | TUD100R9V5+TXC043C4 | 900 | -9 | -2 | 0 | 28 |
| TUY080R9V3+RXC036S3 | 785 | -9 | -2 | 1 | 30 | TUD100R9V5+TXC049C4 | 900 | -7 | -1 | 4 | 16 |
| TUY100R9V3+RXC037S3 | 800 | -9 | -1 | 2 | 27 | TDY100R9V5+TXH033A4 | 905 | -9 | -1 | 5 | 43 |
| TDD060R9V3+TXC036C4 | 915 | -10 | -2 | 2 | 28 | TDY100R9V5+TXH041A4 | 905 | -8 | -1 | 1 | 27 |
| TDD060R9V3+TXC042C4 | 920 | -9 | -2 | 1 | 25 | TUD100R9V5+TXC048C4 | 940 | -10 | -2 | 2 | 28 |
| TDD060R9V3+TXC048C4 | 920 | -7 | -1 | 2 | 14 | TUD100R9V4+TXC042C4 | 840 | -13 | -2 | -3 | 45 |
| TDD060R9V3+TXH033A4 | 905 | -9 | -2 | 1 | 43 | TUD100R9V4+TXC048C4 | 840 | -7 | -1 | 5 | 10 |
| TDD060R9V3+TXH041A4 | 905 | -8 | -1 | 1 | 27 | TUD100R9V4+TXH033A4 | 945 | -8 | -1 | 5 | 43 |
| TDD060R9V3+TXC036C4 | 850 | -12 | -2 | 4 | 37 | TUD100R9V4+TXH033A4 | 925 | -7 | -1 | 5 | 21 |
| TDD060R9V3+TXC042C4 | 850 | -10 | -2 | 1 | 33 | TUD100R9V4+TXH041A4 | 915 | -7 | -1 | 2 | 14 |
| TDD060R9V3+TXC048C4 | 850 | -9 | -1 | 7 | 20 | TUD120R9V3+TXC050C4 | 800 | -12 | -2 | 1 | 33 |
| TDD060R9V3+TXH033A4 | 850 | -10 | -2 | 1 | 51 | TUD120R9V3+TXH033A4 | 800 | -11 | -2 | 4 | 38 |
| TDD060R9V3+TXH041A4 | 860 | -9 | -1 | 1 | 32 | TUD120R9V3+TXH041A4 | 800 | -11 | -2 | 1 | 32 |
| TDD100R9V3+TXC037C4 | 900 | -10 | -2 | 2 | 33 | TUY080R9V3+TXC036C4 | 775 | -13 | -2 | 4 | 46 |
| TDD100R9V3+TXC043C4 | 900 | -9 | -2 | 0 | 28 | TUY080R9V3+TXC042C4 | 775 | -12 | -2 | 4 | 37 |
| TDD100R9V3+TXC049C4 | 900 | -7 | -1 | 4 | 16 | TUY080R9V3+TXC048C4 | 775 | -10 | -2 | 1 | 30 |
| TDY100R9V3+TXH033A4 | 850 | -10 | -2 | 1 | 51 | TUY080R9V3+TXH033A4 | 755 | -12 | -2 | -3 | 66 |
| TDY100R9V3+TXH041A4 | 905 | -8 | -1 | 1 | 27 | TUY080R9V3+TXH041A4 | 775 | -11 | -2 | 0 | 41 |
| TDD120R9V5+TXC050C4 | 900 | -7 | -1 | 4 | 16 | TUY100R9V4+TXC037C4 | 800 | -12 | -2 | -3 | 45 |
| TDD120R9V5+TXH033A4 | 900 | -9 | -1 | 5 | 43 | TUY100R9V4+TXC043C4 | 800 | -12 | -2 | -3 | 37 |
| TDD120R9V5+TXH041A4 | 900 | -8 | -1 | 1 | 27 | TUY100R9V4+TXC049C4 | 800 | -10 | -2 | 2 | 27 |
| TDY080R9V3+TXC036C4 | 830 | -12 | -2 | 5 | 37 | TUY100R9V4+TXH033A4 | 790 | -11 | -2 | 5 | 56 |
| TDY080R9V3+TXC042C4 | 830 | -11 | -2 | 4 | 31 | TUY100R9V4+TXH041A4 | 790 | -10 | -2 | 1 | 32 |
| TDY080R9V3+TXC048C4 | 830 | -9 | -2 | 6 | 21 | TUY120R9V3+TXC050C4 | 800 | -10 | -2 | 2 | 27 |
| TDY080R9V3+TXH033A4 | 835 | -10 | -2 | 5 | 50 | TUY120R9V3+TXH033A4 | 800 | -11 | -2 | 5 | 56 |
| TDY100R9V3+TXH033A4 | 790 | -11 | -2 | 5 | 56 | TUY120R9V3+TXH041A4 | 800 | -10 | -2 | 1 | 32 |
| TDY100R9V3+TXH041A4 | 790 | -10 | -2 | 1 | 32 | | | | | | |
| TDY120R9V5+TXC050C4 | 815 | -9 | -2 | 6 | 21 | | | | | | |

*BASE INDOOR UNIT(S) CURVES ON 4TWX6036B1

SECOND STAGE ALTERNATE INDOOR UNITS WITH TXV

| INDOOR UNIT | CFM | PRESSURE CURVE CORRECTION PSIG | | INDOOR UNIT | CFM | PRESSURE CURVE CORRECTION PSIG | |
|-------------|-----|--------------------------------|--|-------------|-----|--------------------------------|--|
| | | -COOLING- | | | | | |