



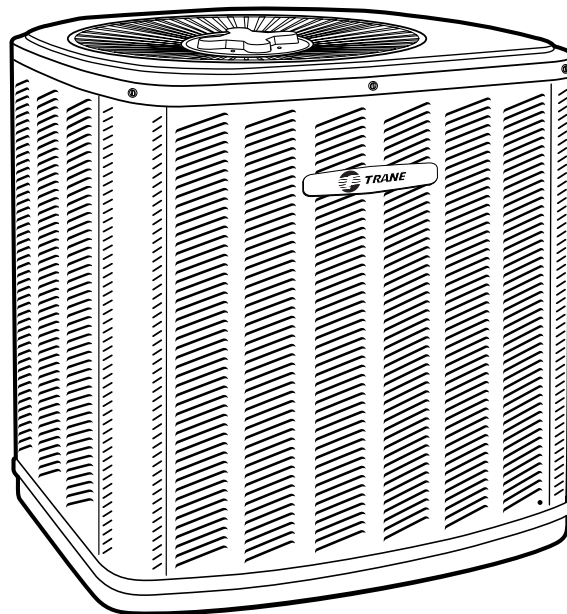
TRANE®

SSP-PRC008-EN

Split System Heat Pump Product & Performance Data

XB10
2TWB0012-060A

1½ – 5 Tons



PUB. NO. 22-1744-01-1102 (EN)



General Features

Split System Heat Pump Units . . . The Evolution Continues

2TWB0 split systems represent a product that is not only an engineer's dream, it's also a customer's dream. The design team's mission and accomplishment is enhanced performance and efficiency, improved reliability and durability, and improved installability and serviceability.

Trane's experienced design team applied "six sigma principles", the latest computer

technology, and customer research to develop the next generation of leadership products.

Couple the Trane reputation for reliability and durability with the above mentioned mission and accomplishments and you continue to have systems that prove "It's Hard to Stop a Trane®."

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Features and Benefits

- **Climatuff**[®] compressor
- All aluminum **Spine Fin**[™] coil
- **DuraTuff**[™] base, fast complete drain, weather proof
- New cabinet with polystate gray cabinet
- **Quick-Sess**[™] cabinet, service access and refrigerant connections with full coil protection
- Corrosion resistant finish and fasteners
- Internal high/low pressure & temperature protection
- Liquid line filter-drier
- Easy single side service
- Multi-use liquid and suction line service valves
- Easy top & fan removal
- Full length control cover
- HCFC-22 refrigerant
- **5-year limited warranty on compressor, coil, and 5 years on parts (Residential use)**
- **Extended warranties available**
- S.E.E.T. design testing
- 100% line run test
- Low ambient cooling to 55°F as shipped
- Low ambient to 40°F with EDC accessory AY28X084
- Low ambient cooling to 30°F with EDC accessory AY28X084 and TXV



Features and Benefits

Optional Equipment

OPTIONAL EQUIPMENT FOR CONDENSING UNITS (Check mark [✓] indicates accessories included).

| | |
|--|-----------------|
| Indoor Thermostats — Elec. Setback Thermostat | TAYSTAT500C [] |
| Prog., 5/2 Day, Manual | TAYSTAT540 [] |
| Electronic, 2 Htg./1 Clg. (Non Prog.) | TAYSTAT570 [] |
| Automatic Heat/Cool (Two Stage Heating) | BAY28X138A [] |
| Manual Seasonal Selector Heat/Cool (Two Stage Heating) | BAYSTAT239A [] |
| Locking Thermostat Cover | BAY28X190 [] |
| Humidistat | BAYSTAT253 [] |
| Outdoor Thermostats 46°F. to – 10°F. (Adjustable) | TAYSTAT250B [] |
| Evaporator Defrost Control Kit | AY28X084 [] |
| Indoor Fan Delay Relay | BAY24X045 [] |
| 5 Minute Delay Relay ① | TAYASCT501A [] |
| Outdoor Temperature Sensor (TAYSTAT500C) | TAYSENS100A [] |
| Snow Legs – Base and Cap 4" High | BAYLEGS002 [] |
| Snow Legs – addition 4" extension (used with BAYLEGS002) | BAYLEGS003 [] |
| Start Kit (1-5 ton models) | BAYSKT257 [] |
| Extreme Conditions Mounting Kit | BAYECMT001 [] |
| Seacoast Kit | BAYSEAC001 [] |
| Isolators | BAYISLT101 [] |
| Low Ambient Kit | BAYLOAM103 [] |

① Do not use with programmable thermostats

BRAZED TUBING REFRIGERANT LINE SETS (All Suction Lines are Insulated.)

| | |
|--|------------------|
| 5/8" ODM (90° bend, one end), 5/8" and 1/4" tubing | TAYREFLN1__* [] |
| 3/4" ODM (90° bend, one end), 3/4" and 5/16" tubing | TAYREFLN2__* [] |
| 7/8" ODM (90° bend, one end), 7/8" and 3/8" tubing | TAYREFLN3__* [] |
| 3/4" ODM (90° bend, one end), 1-1/8" and 3/8" tubing | TAYREFLN4__* [] |

* Line lengths: 15, 20, 25, 30, 40 & 50 ft. Insert desired line length in catalog number at right for the complete number.
Example: TAYREFLN220

Low Outdoor Ambient Cooling

| Low Ambient Cooling | As Manufactured | Evaporator Defrost Control |
|-------------------------------|-----------------|----------------------------|
| FCCV Accutron™ | 55°F | 40°F |
| Thermal Expansion Valve (TXV) | 55°F | 30°F |

A.R.I. Standard Capacity Rating Conditions

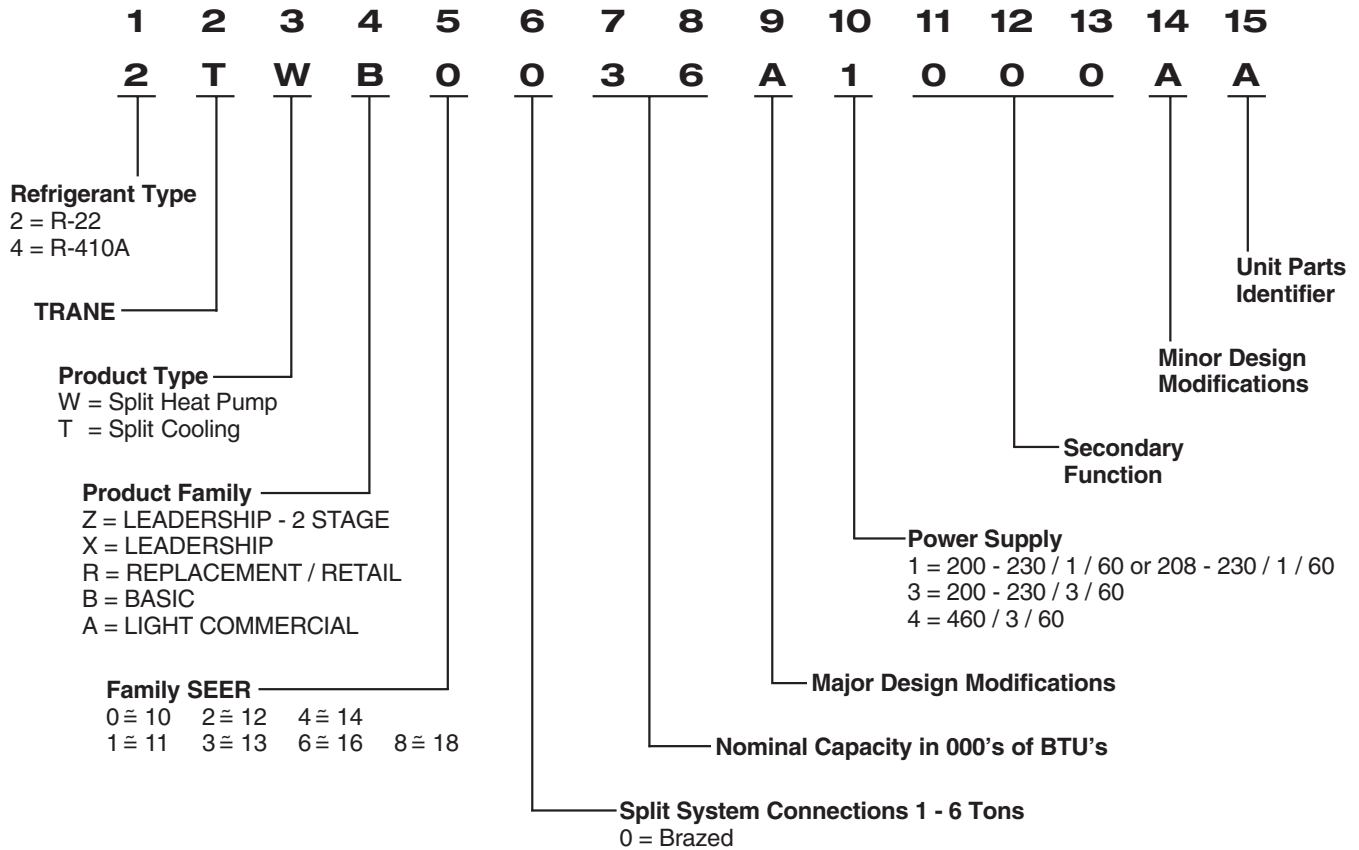
A.R.I. STANDARD 210/240 RATING CONDITIONS — (A) Cooling 80°F. D.B., 67°F. W.B. air entering indoor coil, 95°F. D.B. air entering outdoor coil. (B) High Temperature Heating 47°F. D.B., 43°F. W.B. air entering outdoor coil, 70°F. D.B. air entering indoor coil. (C) Low Temperature Heating 17°F. D.B., 15°F. W.B. air entering outdoor coil, 70°F. D.B. air entering indoor coil. (D) Rated indoor airflow for heating is the same as for cooling.

A.R.I. STANDARD 270 RATING CONDITIONS — (Noise rating numbers are determined with the unit in cooling operation.) Standard Noise Rating number is at 95°F. outdoor air.



Selection Procedure

Model Number Nomenclature





General Data

2TWB0012A1000A

| OUTDOOR UNIT ①② | 2TWB0012A1000A |
|----------------------------------|--------------------|
| SOUND RATING (DECIBELS) ② | 79 |
| POWER CONNS. — V/PH/Hz ③ | 200/230/1/60 |
| MIN. BRCH. CIR. AMPACITY | 10 |
| BR. CIR. } MAX. (AMPS) | 15 |
| PROT. RTG. } MIN. (AMPS) | 15 |
| COMPRESSOR | CLIMATUFF® |
| NO. USED - NO. SPEEDS | 1 - 1 |
| VOLTS/PH/Hz | 200/230/1/60 |
| R.L. AMPS ⑦ - L.R. AMPS | 7.5 - 42 |
| FACTORY INSTALLED | |
| START COMPONENTS ⑧ | NO |
| INSULATION/SOUND BLANKET | NO |
| COMPRESSOR HEAT | YES |
| OUTDOOR FAN — TYPE | PROPELLER |
| DIA. (IN.) - NO. USED | 19 - 1 |
| TYPE DRIVE - NO. SPEEDS | DIRECT - 1 |
| CFM @ 0.0 IN. W.G. ④ | 1575 |
| NO. MOTORS - HP. | 1 - 1/15 |
| MOTOR SPEED R.P.M. | 825 |
| VOLTS/PH/Hz | 200/230/1/60 |
| F.L. AMPS | 0.6 |
| OUTDOOR COIL — TYPE | SPINE FIN™ |
| ROWS - F.P.I. | 1 - 24 |
| FACE AREA (SQ. FT.) | 9.72 |
| TUBE SIZE (IN.) | 3/8 |
| REFRIGERANT CONTROL | EXPANSION VALVE |
| REFRIGERANT | R-22 |
| (O.D. UNIT) NP CHR.G. ⑤ | 4/09-LB/OZ |
| FACTORY SUPPLIED | YES |
| LINE SIZE - IN. O.D. GAS ⑥ | 5/8 |
| LINE SIZE - IN. O.D. LIQ. ⑥ | 1/4 |
| FCCV | |
| RESTRICTOR ORIFICE SIZE | 0.047 |
| DIMENSIONS | H X W X D |
| OUTDOOR UNIT CRATED (IN.) | 30.1 X 26.7 X 30.2 |
| UNCRATED | SEE OUTLINE DWG. |
| WEIGHT | |
| SHIPPING (LBS.) | 169 |
| NET (LBS.) | 150 |

- 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 NATIONAL ELECTRIC CODE. ONLY USE HACR CIRCUIT BREAKERS OR FUSES.
- ④ STANDARD AIR - DRY COIL - OUTDOOR
- ⑤ THIS VALUE APPROXIMATE. FOR MORE PRECISE VALUE SEE UNIT NAMEPLATE AND SERVICE INSTRUCTION.
- ⑥ MAX. LINEAR LENGTH: 80 FT WITH RECIPROCATING COMPRESSOR - 60 FT WITH SCROLL. MAX. LIFT - SUCTION 60 FT; MAX LIFT - LIQUID 60 FT. FOR GREATER LENGTH REFER TO REFRIGERANT PIPING SOFTWARE PUB. NO. 32-3312-01.
- ⑦ THE VALUE SHOWN FOR COMPRESSOR RLA ON THE UNIT NAMEPLATE AND ON THIS SPECIFICATION SHEET IS USED TO COMPUTE MINIMUM BRANCH CIRCUIT AMPACITY AND MAXIMUM 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.



SPLIT SYSTEM



OUTDOOR UNIT WITH HEAT PUMP COILS

| | TXA018C4 | TXA024C4 | TXC018C4 | TXC024C4 | TXC024D4 | TXH025A4 |
|----------------------------|------------|------------|------------|------------|------------|-------------|
| EXPANSION TYPE | CHG TO 47 | CHG TO 47 | CHG TO 47 | CHG TO 47 | CHG TO 47 | CHG TO 47 |
| RATINGS (COOLING) ① | | | | | | |
| BTUH (TOTAL) | 14100 | 14500 | 14100 | 14500 | 14500 | 14600 |
| BTUH (SENSIBLE) | 9300 | 9500 | 9300 | 9500 | 9500 | 9500 |
| INDOOR AIRFLOW (CFM) | 450 | 450 | 450 | 450 | 450 | 450 |
| SYSTEM POWER (KW) | 1.44 | 1.46 | 1.44 | 1.46 | 1.46 | 1.46 |
| EER/SEER (BTU/WATT-HR.) | 9.80/10.00 | 9.95/10.00 | 9.80/10.00 | 9.95/10.00 | 9.95/10.00 | 10.00/10.00 |
| RATINGS (HEATING) ① | | | | | | |
| (HIGH TEMP.) BTUH | 14200 | 14400 | 14200 | 14400 | 14400 | 14400 |
| SYSTEM POWER (KW) | 1.49 | 1.44 | 1.49 | 1.44 | 1.44 | 1.44 |
| COP | 2.80 | 2.92 | 2.80 | 2.92 | 2.92 | 2.94 |
| HSPF (BTU/WATT-HR.) | 6.80 | 7.00 | 6.80 | 7.00 | 7.00 | 7.00 |

OUTDOOR UNIT WITH AIR HANDLERS

| | TVF018A14 | TVF024A14 | TVF025A14 | TWE018C14 | TWG018A14 | TWG025A14 |
|----------------------------|-------------|------------|-------------|-------------|-------------|-------------|
| EXPANSION TYPE | CHG TO 47 | CHG TO 47 | CHG TO 47 | CHG TO 47 | CHG TO 47 | CHG TO 47 |
| RATINGS (COOLING) ① | | | | | | |
| BTUH (TOTAL) | 15300 | 15000 | 15200 | 14400 | 14600 | 14900 |
| BTUH (SENSIBLE) | 10300 | 9900 | 10100 | 9000 | 9800 | 9900 |
| INDOOR AIRFLOW (CFM) | 450 | 450 | 450 | 400 | 450 | 450 |
| SYSTEM POWER (KW) | 1.45 | 1.54 | 1.51 | 1.36 | 1.42 | 1.46 |
| EER/SEER (BTU/WATT-HR.) | 10.55/10.00 | 9.75/10.00 | 10.05/10.00 | 10.55/10.00 | 10.25/10.00 | 10.20/10.00 |
| RATINGS (HEATING) ① | | | | | | |
| (HIGH TEMP.) BTUH | 14600 | 14900 | 14800 | 14400 | 14200 | 14400 |
| SYSTEM POWER (KW) | 1.37 | 1.46 | 1.44 | 1.44 | 1.43 | 1.43 |
| COP | 3.12 | 2.98 | 3.02 | 2.92 | 2.90 | 2.96 |
| HSPF (BTU/WATT-HR.) | 7.25 | 7.05 | 7.10 | 7.00 | 7.00 | 7.05 |

*See page 21 for combinations with Auxiliary Devices.



General Data

2TWB0018A1000A

| OUTDOOR UNIT ①② | 2TWB0018A1000A |
|----------------------------------|--------------------|
| SOUND RATING (DECIBELS) ② | 79 |
| POWER CONNS. — V/PH/Hz ③ | 200/230/1/60 |
| MIN. BRCH. CIR. AMPACITY | 10 |
| BR. CIR. } MAX. (AMPS) | 15 |
| PROT. RTG. } MIN. (AMPS) | 15 |
| COMPRESSOR | CLIMATUFF® |
| NO. USED - NO. SPEEDS | 1 - 1 |
| VOLTS/PH/Hz | 200/230/1/60 |
| R.L. AMPS ⑦ - L.R. AMPS | 7.3 - 42 |
| FACTORY INSTALLED | |
| START COMPONENTS ④ | NO |
| INSULATION/SOUND BLANKET | NO |
| COMPRESSOR HEAT | YES |
| OUTDOOR FAN — TYPE | PROPELLER |
| DIA. (IN.) - NO. USED | 19 - 1 |
| TYPE DRIVE - NO. SPEEDS | DIRECT - 1 |
| CFM @ 0.0 IN. W.G. ④ | 1575 |
| NO. MOTORS - HP. | 1 - 1/15 |
| MOTOR SPEED R.P.M. | 825 |
| VOLTS/PH/Hz | 200/230/1/60 |
| F.L. AMPS | 0.6 |
| OUTDOOR COIL — TYPE | SPINE FIN™ |
| ROWS - F.P.I. | 1 - 24 |
| FACE AREA (SQ. FT.) | 9.72 |
| TUBE SIZE (IN.) | 3/8 |
| REFRIGERANT CONTROL | EXPANSION VALVE |
| REFRIGERANT | R-22 |
| (O.D. UNIT) NP CHR.G. ⑤ | 4/05-LB/OZ |
| FACTORY SUPPLIED | YES |
| LINE SIZE - IN. O.D. GAS ⑥ | 5/8 |
| LINE SIZE - IN. O.D. LIQ. ⑥ | 1/4 |
| FCCV | |
| RESTRICTOR ORIFICE SIZE | 0.049 |
| DIMENSIONS | H X W X D |
| OUTDOOR UNIT CRATED (IN.) | 30.1 X 26.7 X 30.2 |
| UNCRATED | SEE OUTLINE DWG. |
| WEIGHT | |
| SHIPPING (LBS.) | 169 |
| NET (LBS.) | 150 |

- 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 NATIONAL ELECTRIC CODE. ONLY USE HACR CIRCUIT BREAKERS OR FUSES.
- ④ STANDARD AIR - DRY COIL - OUTDOOR
- ⑤ THIS VALUE APPROXIMATE. FOR MORE PRECISE VALUE SEE UNIT NAMEPLATE AND SERVICE INSTRUCTION.
- ⑥ MAX. LINEAR LENGTH: 80 FT WITH RECIPROCATING COMPRESSOR - 60 FT WITH SCROLL. MAX. LIFT - SUCTION 60 FT; MAX LIFT - LIQUID 60 FT. FOR GREATER LENGTH REFER TO REFRIGERANT PIPING SOFTWARE PUB. NO. 32-3312-01.
- ⑦ THE VALUE SHOWN FOR COMPRESSOR RLA ON THE UNIT NAMEPLATE AND ON THIS SPECIFICATION SHEET IS USED TO COMPUTE MINIMUM BRANCH CIRCUIT AMPACITY AND MAXIMUM 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.



SPLIT SYSTEM



OUTDOOR UNIT WITH AIR HANDLERS

| | TVF018A14 | TVF024A14 | TWE018C14 | TWE024C14 | TWG018A14 | TWG025A14 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| EXPANSION TYPE | FACT INS 49 | CHG TO 49 | FACT INS 49 | CHG TO 49 | FACT INS 49 | CHG TO 49 |
| RATINGS (COOLING) ① | | | | | | |
| BTUH (TOTAL) | 19200 | 19300 | 18400 | 18200 | 18200 | 19000 |
| BTUH (SENSIBLE) | 14100 | 14800 | 13300 | 13300 | 13400 | 14500 |
| INDOOR AIRFLOW (CFM) | 600 | 675 | 600 | 675 | 600 | 675 |
| SYSTEM POWER (KW) | 1.78 | 1.86 | 1.70 | 1.81 | 1.75 | 1.81 |
| EER/SEER (BTU/WATT-HR.) | 10.80/10.00 | 10.40/10.00 | 10.80/10.00 | 10.05/10.00 | 10.40/10.00 | 10.50/10.00 |
| RATINGS (HEATING) ① | | | | | | |
| (HIGH TEMP.) BTUH | 16400 | 16800 | 16300 | 16400 | 16100 | 16500 |
| SYSTEM POWER (KW) | 1.48 | 1.54 | 1.51 | 1.59 | 1.55 | 1.54 |
| COP | 3.24 | 3.20 | 3.16 | 3.02 | 3.04 | 3.14 |
| HSPF (BTU/WATT-HR.) | 7.15 | 7.05 | 6.90 | 6.80 | 6.80 | 7.00 |

*See page 21 for combinations with Auxiliary Devices.



General Data

2TWB0024A1000A

| OUTDOOR UNIT ①② | 2TWB0024A1000A |
|----------------------------------|--------------------|
| SOUND RATING (DECIBELS) ② | 79 |
| POWER CONNS. — V/PH/Hz ③ | 200/230/1/60 |
| MIN. BRCH. CIR. AMPACITY | 15 |
| BR. CIR. } MAX. (AMPS) | 25 |
| PROT. RTG. } MIN. (AMPS) | 20 |
| COMPRESSOR | CLIMATUFF® |
| NO. USED - NO. SPEEDS | 1 - 1 |
| VOLTS/PH/Hz | 200/230/1/60 |
| R.L. AMPS ⑦ - L.R. AMPS | 10.9 - 60 |
| FACTORY INSTALLED | |
| START COMPONENTS ⑧ | NO |
| INSULATION/SOUND BLANKET | NO |
| COMPRESSOR HEAT | YES |
| OUTDOOR FAN — TYPE | PROPELLER |
| DIA. (IN.) - NO. USED | 19 - 1 |
| TYPE DRIVE - NO. SPEEDS | DIRECT - 1 |
| CFM @ 0.0 IN. W.G. ④ | 2175 |
| NO. MOTORS - HP. | 1 - 1/8 |
| MOTOR SPEED R.P.M. | 1075 |
| VOLTS/PH/Hz | 200/230/1/60 |
| F.L. AMPS | 0.9 |
| OUTDOOR COIL — TYPE | SPINE FIN™ |
| ROWS - F.P.I. | 1 - 24 |
| FACE AREA (SQ. FT.) | 9.72 |
| TUBE SIZE (IN.) | 3/8 |
| REFRIGERANT CONTROL | EXPANSION VALVE |
| REFRIGERANT | R-22 |
| (O.D. UNIT) NP CHR.G. ⑤ | 4/08-LB/OZ |
| FACTORY SUPPLIED | YES |
| LINE SIZE - IN. O.D. GAS ⑥ | 3/4 |
| LINE SIZE - IN. O.D. LIQ. ⑥ | 5/16 |
| FCCV | |
| RESTRICTOR ORIFICE SIZE | 0.057 |
| DIMENSIONS | H X W X D |
| OUTDOOR UNIT CRATED (IN.) | 30.1 X 26.7 X 30.2 |
| UNCRATED | SEE OUTLINE DWG. |
| WEIGHT | |
| SHIPPING (LBS.) | 177 |
| NET (LBS.) | 158 |

- 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 NATIONAL ELECTRIC CODE. ONLY USE HACR CIRCUIT BREAKERS OR FUSES.
- ④ STANDARD AIR - DRY COIL - OUTDOOR
- ⑤ THIS VALUE APPROXIMATE. FOR MORE PRECISE VALUE SEE UNIT NAMEPLATE AND SERVICE INSTRUCTION.
- ⑥ MAX. LINEAR LENGTH: 80 FT WITH RECIPROCATING COMPRESSOR - 60 FT WITH SCROLL. MAX. LIFT - SUCTION 60 FT; MAX LIFT - LIQUID 60 FT. FOR GREATER LENGTH REFER TO REFRIGERANT PIPING SOFTWARE PUB. NO. 32-3312-01.
- ⑦ THE VALUE SHOWN FOR COMPRESSOR RLA ON THE UNIT NAMEPLATE AND ON THIS SPECIFICATION SHEET IS USED TO COMPUTE MINIMUM BRANCH CIRCUIT AMPACITY AND MAXIMUM 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.



SPLIT SYSTEM



OUTDOOR UNIT WITH HEAT PUMP COILS

| | TXA018C4 | TXA024C4 | TXA025C4 | TXA030C4 | TXC018C4 | TXC024C4 | TXC024D4 |
|----------------------------|------------|-------------|-------------|------------|------------|-------------|-------------|
| EXPANSION TYPE | CHG TO 57 | FACT INS 57 | FACT INS 57 | CHG TO 57 | CHG TO 57 | FACT INS 57 | FACT INS 57 |
| RATINGS (COOLING) ① | | | | | | | |
| BTUH (TOTAL) | 23000 | 24400 | 25000 | 25600 | 23000 | 24400 | 24400 |
| BTUH (SENSIBLE) | 15600 | 17200 | 17800 | 18800 | 15600 | 17200 | 17200 |
| INDOOR AIRFLOW (CFM) | 675 | 800 | 800 | 900 | 675 | 800 | 800 |
| SYSTEM POWER (KW) | 2.49 | 2.58 | 2.62 | 2.68 | 2.49 | 2.58 | 2.58 |
| EER/SEER (BTU/WATT-HR.) | 9.25/10.00 | 9.45/10.00 | 9.55/10.00 | 9.55/10.00 | 9.25/10.00 | 9.45/10.00 | 9.45/10.00 |
| RATINGS (HEATING) ① | | | | | | | |
| (HIGH TEMP.) BTUH | 21800 | 22600 | 23000 | 23200 | 21800 | 22600 | 22600 |
| SYSTEM POWER (KW) | 2.37 | 2.32 | 2.23 | 2.27 | 2.37 | 2.32 | 2.32 |
| COP | 2.70 | 2.86 | 3.02 | 3.00 | 2.70 | 2.86 | 2.86 |
| HSPF (BTU/WATT-HR.) | 7.00 | 7.15 | 7.40 | 7.40 | 7.00 | 7.15 | 7.15 |

| | TXC025C4 | TXC025D4 | TXC030C4 | TXC030D4 | TXH025A4 | TXH033A4 |
|----------------------------|-------------|-------------|------------|------------|-------------|-------------|
| EXPANSION TYPE | FACT INS 57 | FACT INS 57 | CHG TO 57 | CHG TO 57 | FACT INS 57 | FACT INS 57 |
| RATINGS (COOLING) ① | | | | | | |
| BTUH (TOTAL) | 25000 | 25000 | 25600 | 25600 | 24600 | 26000 |
| BTUH (SENSIBLE) | 17800 | 17800 | 18800 | 18800 | 17400 | 19700 |
| INDOOR AIRFLOW (CFM) | 800 | 800 | 900 | 900 | 800 | 900 |
| SYSTEM POWER (KW) | 2.62 | 2.62 | 2.68 | 2.68 | 2.60 | 2.69 |
| EER/SEER (BTU/WATT-HR.) | 9.55/10.00 | 9.55/10.00 | 9.55/10.00 | 9.55/10.00 | 9.45/10.00 | 9.65/10.00 |
| RATINGS (HEATING) ① | | | | | | |
| (HIGH TEMP.) BTUH | 23000 | 23000 | 23200 | 23200 | 22600 | 23400 |
| SYSTEM POWER (KW) | 2.23 | 2.23 | 2.27 | 2.27 | 2.30 | 2.21 |
| COP | 3.02 | 3.02 | 3.00 | 3.00 | 2.88 | 3.10 |
| HSPF (BTU/WATT-HR.) | 7.40 | 7.40 | 7.40 | 7.40 | 7.20 | 7.55 |

*See page 21 for combinations with Auxiliary Devices.



General Data

2TWB0024A1000A

OUTDOOR UNIT WITH AIR HANDLERS

| | TVF018A14 | TVF024A14 | TVF025A14 | TVF030A14 | TWE018C14 | TWE024C14 | TWE030C14 |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| EXPANSION TYPE | CHG TO 57 | CHG TO 57 | CHG TO 57 | CHG TO 57 | CHG TO 57 | CHG TO 57 | CHG TO 57 |
| RATINGS (COOLING) ① | | | | | | | |
| BTUH (TOTAL) | 25000 | 25400 | 25800 | 26600 | 23800 | 24000 | 25400 |
| BTUH (SENSIBLE) | 17300 | 18200 | 18700 | 20100 | 16100 | 16700 | 18700 |
| INDOOR AIRFLOW (CFM) | 675 | 775 | 800 | 900 | 675 | 800 | 900 |
| SYSTEM POWER (KW) | 2.56 | 2.62 | 2.61 | 2.69 | 2.48 | 2.51 | 2.63 |
| EER/SEER (BTU/WATT-HR.) | 9.75/10.00 | 9.70/10.00 | 9.90/10.00 | 9.90/10.00 | 9.60/10.00 | 9.55/10.00 | 9.65/10.00 |
| RATINGS (HEATING) ① | | | | | | | |
| (HIGH TEMP.) BTUH | 22600 | 23000 | 22800 | 23400 | 21800 | 22800 | 23000 |
| SYSTEM POWER (KW) | 2.22 | 2.22 | 2.17 | 2.17 | 2.28 | 2.29 | 2.22 |
| COP | 2.98 | 3.04 | 3.08 | 3.16 | 2.80 | 2.92 | 3.04 |
| HSPF (BTU/WATT-HR.) | 7.50 | 7.55 | 7.60 | 7.70 | 7.15 | 7.25 | 7.50 |

| | TWG018A14 | TWG025A14 | TWG030A14 |
|----------------------------|------------|------------|------------|
| EXPANSION TYPE | CHG TO 57 | CHG TO 57 | CHG TO 57 |
| RATINGS (COOLING) ① | | | |
| BTUH (TOTAL) | 23200 | 25200 | 25400 |
| BTUH (SENSIBLE) | 16200 | 18300 | 19000 |
| INDOOR AIRFLOW (CFM) | 675 | 800 | 900 |
| SYSTEM POWER (KW) | 2.46 | 2.56 | 2.65 |
| EER/SEER (BTU/WATT-HR.) | 9.45/10.00 | 9.85/10.00 | 9.60/10.00 |
| RATINGS (HEATING) ① | | | |
| (HIGH TEMP.) BTUH | 22000 | 22600 | 23000 |
| SYSTEM POWER (KW) | 2.30 | 2.24 | 2.26 |
| COP | 2.80 | 2.96 | 2.98 |
| HSPF (BTU/WATT-HR.) | 7.20 | 7.40 | 7.40 |

*See page 21 for combinations with Auxiliary Devices.



General Data

2TWB0030A1000A

| OUTDOOR UNIT ①② | 2TWB0030A1000A |
|----------------------------------|--------------------|
| SOUND RATING (DECIBELS) ② | 81 |
| POWER CONNS. — V/PH/Hz ③ | 200/230/1/60 |
| MIN. BRCH. CIR. AMPACITY | 17 |
| BR. CIR. } MAX. (AMPS) | 25 |
| PROT. RTG. } MIN. (AMPS) | 20 |
| COMPRESSOR | CLIMATUFF® |
| NO. USED - NO. SPEEDS | 1 - 1 |
| VOLTS/PH/Hz | 200/230/1/60 |
| R.L. AMPS ⑦ - L.R. AMPS | 12.6 - 71 |
| FACTORY INSTALLED | |
| START COMPONENTS ⑧ | NO |
| INSULATION/SOUND BLANKET | NO |
| COMPRESSOR HEAT | YES |
| OUTDOOR FAN — TYPE | PROPELLER |
| DIA. (IN.) - NO. USED | 19 - 1 |
| TYPE DRIVE - NO. SPEEDS | DIRECT - 1 |
| CFM @ 0.0 IN. W.G. ④ | 2475 |
| NO. MOTORS - HP. | 1 - 1/4 |
| MOTOR SPEED R.P.M. | 1075 |
| VOLTS/PH/Hz | 200/230/1/60 |
| F.L. AMPS | 1.3 |
| OUTDOOR COIL — TYPE | SPINE FIN™ |
| ROWS - F.P.I. | 1 - 24 |
| FACE AREA (SQ. FT.) | 13.75 |
| TUBE SIZE (IN.) | 3/8 |
| REFRIGERANT CONTROL | EXPANSION VALVE |
| REFRIGERANT | R-22 |
| (O.D. UNIT) NP CHR.G. ⑤ | 4/11-LB/OZ |
| FACTORY SUPPLIED | YES |
| LINE SIZE - IN. O.D. GAS ⑥ | 3/4 |
| LINE SIZE - IN. O.D. LIQ. ⑥ | 5/16 |
| FCCV | |
| RESTRICTOR ORIFICE SIZE | 0.067 |
| DIMENSIONS | H X W X D |
| OUTDOOR UNIT CRATED (IN.) | 33.2 X 26.7 X 30.2 |
| UNCRATED | SEE OUTLINE DWG. |
| WEIGHT | |
| SHIPPING (LBS.) | 187 |
| NET (LBS.) | 167 |

- 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 NATIONAL ELECTRIC CODE. ONLY USE HACR CIRCUIT BREAKERS OR FUSES.
- ④ STANDARD AIR - DRY COIL - OUTDOOR
- ⑤ THIS VALUE APPROXIMATE. FOR MORE PRECISE VALUE SEE UNIT NAMEPLATE AND SERVICE INSTRUCTION.
- ⑥ MAX. LINEAR LENGTH: 80 FT WITH RECIPROCATING COMPRESSOR - 60 FT WITH SCROLL. MAX. LIFT - SUCTION 60 FT; MAX LIFT - LIQUID 60 FT. FOR GREATER LENGTH REFER TO REFRIGERANT PIPING SOFTWARE PUB. NO. 32-3312-01.
- ⑦ THE VALUE SHOWN FOR COMPRESSOR RLA ON THE UNIT NAMEPLATE AND ON THIS SPECIFICATION SHEET IS USED TO COMPUTE MINIMUM BRANCH CIRCUIT AMPACITY AND MAXIMUM 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.



SPLIT SYSTEM



OUTDOOR UNIT WITH HEAT PUMP COILS

| | TXA024C4 | TXA025C4 | TXA030C4 | TXA031C4 | TXA035C4 | TXA036C4 | TXC024C4 |
|----------------------------|------------|------------|-------------|-------------|------------|------------|------------|
| EXPANSION TYPE | CHG TO 67 | CHG TO 67 | FACT INS 67 | FACT INS 67 | CHG TO 67 | CHG TO 67 | CHG TO 67 |
| RATINGS (COOLING) ① | | | | | | | |
| BTUH (TOTAL) | 28000 | 28600 | 29400 | 29600 | 29800 | 30800 | 28000 |
| BTUH (SENSIBLE) | 19600 | 20100 | 21200 | 21500 | 22200 | 23100 | 19600 |
| INDOOR AIRFLOW (CFM) | 900 | 900 | 1000 | 1000 | 1100 | 1125 | 900 |
| SYSTEM POWER (KW) | 2.98 | 2.99 | 3.06 | 3.07 | 3.12 | 3.16 | 2.98 |
| EER/SEER (BTU/WATT-HR.) | 9.40/10.00 | 9.55/10.00 | 9.60/10.00 | 9.65/10.00 | 9.55/10.00 | 9.75/10.00 | 9.40/10.00 |
| RATINGS (HEATING) ① | | | | | | | |
| (HIGH TEMP.) BTUH | 26400 | 27000 | 27200 | 27600 | 27400 | 28000 | 26400 |
| SYSTEM POWER (KW) | 2.78 | 2.69 | 2.71 | 2.64 | 2.71 | 2.61 | 2.78 |
| COP | 2.78 | 2.94 | 2.94 | 3.06 | 2.96 | 3.14 | 2.78 |
| HSPF (BTU/WATT-HR.) | 7.35 | 7.65 | 7.55 | 7.75 | 7.60 | 7.90 | 7.35 |

| | TXC024D4 | TXC025C4 | TXC025D4 | TXC030C4 | TXC030D4 | TXC031C4 | TXC031D4 |
|----------------------------|------------|------------|------------|-------------|-------------|-------------|-------------|
| EXPANSION TYPE | CHG TO 67 | CHG TO 67 | CHG TO 67 | FACT INS 67 | FACT INS 67 | FACT INS 67 | FACT INS 67 |
| RATINGS (COOLING) ① | | | | | | | |
| BTUH (TOTAL) | 28000 | 28600 | 28600 | 29400 | 29400 | 29600 | 29600 |
| BTUH (SENSIBLE) | 19600 | 20100 | 20100 | 21200 | 21200 | 21500 | 21500 |
| INDOOR AIRFLOW (CFM) | 900 | 900 | 900 | 1000 | 1000 | 1000 | 1000 |
| SYSTEM POWER (KW) | 2.98 | 2.99 | 2.99 | 3.06 | 3.06 | 3.07 | 3.07 |
| EER/SEER (BTU/WATT-HR.) | 9.40/10.00 | 9.55/10.00 | 9.55/10.00 | 9.60/10.00 | 9.60/10.00 | 9.65/10.00 | 9.65/10.00 |
| RATINGS (HEATING) ① | | | | | | | |
| (HIGH TEMP.) BTUH | 26400 | 27000 | 27000 | 27200 | 27200 | 27600 | 27600 |
| SYSTEM POWER (KW) | 2.78 | 2.69 | 2.69 | 2.71 | 2.71 | 2.64 | 2.64 |
| COP | 2.78 | 2.94 | 2.94 | 2.94 | 2.94 | 3.06 | 3.06 |
| HSPF (BTU/WATT-HR.) | 7.35 | 7.65 | 7.65 | 7.55 | 7.55 | 7.75 | 7.75 |

*See pages 21 and 22 for combinations with Auxiliary Devices.



General Data

2TWB0030A1000A

OUTDOOR UNIT WITH HEAT PUMP COILS

| | TXC035C4 | TXC035D4 | TXC036C4 | TXC036D4 | TXH025A4 | TXH033A4 | TXH041A4 |
|----------------------------|------------|------------|------------|------------|------------|------------|-------------|
| EXPANSION TYPE | CHG TO 67 | CHG TO 67 | CHG TO 67 | CHG TO 67 | CHG TO 67 | CHG TO 67 | FACT INS 67 |
| RATINGS (COOLING) ① | | | | | | | |
| BTUH (TOTAL) | 29800 | 29800 | 30800 | 30800 | 28000 | 29600 | 31600 |
| BTUH (SENSIBLE) | 22200 | 22200 | 23100 | 23100 | 19600 | 22100 | 24100 |
| INDOOR AIRFLOW (CFM) | 1100 | 1100 | 1125 | 1125 | 900 | 1000 | 1125 |
| SYSTEM POWER (KW) | 3.12 | 3.12 | 3.16 | 3.16 | 2.98 | 3.07 | 3.19 |
| EER/SEER (BTU/WATT-HR.) | 9.55/10.00 | 9.55/10.00 | 9.75/10.00 | 9.75/10.00 | 9.40/10.00 | 9.65/10.00 | 9.90/10.25 |
| RATINGS (HEATING) ① | | | | | | | |
| (HIGH TEMP.) BTUH | 27400 | 27400 | 28000 | 28000 | 26400 | 27400 | 28000 |
| SYSTEM POWER (KW) | 2.71 | 2.71 | 2.61 | 2.61 | 2.76 | 2.64 | 2.61 |
| COP | 2.96 | 2.96 | 3.14 | 3.14 | 2.80 | 3.04 | 3.14 |
| HSPF (BTU/WATT-HR.) | 7.60 | 7.60 | 7.90 | 7.90 | 7.40 | 7.70 | 7.90 |

OUTDOOR UNIT WITH AIR HANDLERS

| | TVF024A14 | TVF025A14 | TVF030A14 | TVF036A14 | TWE024C14 | TWE030C14 | TWE036C14 |
|----------------------------|------------|------------|-------------|------------|------------|-------------|------------|
| EXPANSION TYPE | CHG TO 67 | CHG TO 67 | FACT INS 67 | CHG TO 67 | CHG TO 67 | FACT INS 67 | CHG TO 67 |
| RATINGS (COOLING) ① | | | | | | | |
| BTUH (TOTAL) | 28600 | 29400 | 30400 | 31400 | 27400 | 29200 | 30600 |
| BTUH (SENSIBLE) | 19600 | 21100 | 22600 | 24200 | 18900 | 21200 | 23500 |
| INDOOR AIRFLOW (CFM) | 775 | 900 | 1000 | 1125 | 900 | 1000 | 1125 |
| SYSTEM POWER (KW) | 2.95 | 3.03 | 3.07 | 3.20 | 2.91 | 3.01 | 3.14 |
| EER/SEER (BTU/WATT-HR.) | 9.70/10.00 | 9.70/10.00 | 9.90/10.00 | 9.80/10.00 | 9.40/10.00 | 9.70/10.00 | 9.75/10.00 |
| RATINGS (HEATING) ① | | | | | | | |
| (HIGH TEMP.) BTUH | 26800 | 27200 | 27600 | 28200 | 26200 | 27600 | 27600 |
| SYSTEM POWER (KW) | 2.67 | 2.67 | 2.59 | 2.63 | 2.76 | 2.68 | 2.66 |
| COP | 2.94 | 2.98 | 3.12 | 3.14 | 2.78 | 3.02 | 3.04 |
| HSPF (BTU/WATT-HR.) | 7.65 | 7.65 | 7.90 | 7.95 | 7.40 | 7.60 | 7.75 |

| | TWG025A14 | TWG030A14 | TWG036A14 |
|----------------------------|------------|------------|------------|
| EXPANSION TYPE | CHG TO 67 | CHG TO 67 | CHG TO 67 |
| RATINGS (COOLING) ① | | | |
| BTUH (TOTAL) | 28600 | 29200 | 30200 |
| BTUH (SENSIBLE) | 20600 | 21500 | 23100 |
| INDOOR AIRFLOW (CFM) | 900 | 1000 | 1125 |
| SYSTEM POWER (KW) | 2.93 | 3.03 | 3.11 |
| EER/SEER (BTU/WATT-HR.) | 9.75/10.00 | 9.65/10.00 | 9.70/10.00 |
| RATINGS (HEATING) ① | | | |
| (HIGH TEMP.) BTUH | 26400 | 26800 | 27400 |
| SYSTEM POWER (KW) | 2.67 | 2.69 | 2.66 |
| COP | 2.90 | 2.92 | 3.02 |
| HSPF (BTU/WATT-HR.) | 7.65 | 7.65 | 7.70 |

*See pages 21 and 22 for combinations with Auxiliary Devices.



General Data

2TWB0036A1000A

| OUTDOOR UNIT ①② | 2TWB0036A1000A |
|----------------------------------|--------------------|
| SOUND RATING (DECIBELS) ② | 81 |
| POWER CONNS. — V/PH/Hz ③ | 200/230/1/60 |
| MIN. BRCH. CIR. AMPACITY | 20 |
| BR. CIR. } MAX. (AMPS) | 30 |
| PROT. RTG. } MIN. (AMPS) | 30 |
| COMPRESSOR | CLIMATUFF® |
| NO. USED - NO. SPEEDS | 1 - 1 |
| VOLTS/PH/Hz | 200/230/1/60 |
| R.L. AMPS ⑦ - L.R. AMPS | 14.7 - 87 |
| FACTORY INSTALLED | |
| START COMPONENTS ⑧ | NO |
| INSULATION/SOUND BLANKET | NO |
| COMPRESSOR HEAT | YES |
| OUTDOOR FAN — TYPE | PROPELLER |
| DIA. (IN.) - NO. USED | 19 - 1 |
| TYPE DRIVE - NO. SPEEDS | DIRECT - 1 |
| CFM @ 0.0 IN. W.G. ④ | 2475 |
| NO. MOTORS - HP. | 1 - 1/4 |
| MOTOR SPEED R.P.M. | 1075 |
| VOLTS/PH/Hz | 200/230/1/60 |
| F.L. AMPS | 1.3 |
| OUTDOOR COIL — TYPE | SPINE FIN™ |
| ROWS - F.P.I. | 1 - 24 |
| FACE AREA (SQ. FT.) | 11.32 |
| TUBE SIZE (IN.) | 3/8 |
| REFRIGERANT CONTROL | EXPANSION VALVE |
| REFRIGERANT | R-22 |
| (O.D. UNIT) NP CHR.G. ⑤ | 5/15-LB/OZ |
| FACTORY SUPPLIED | YES |
| LINE SIZE - IN. O.D. GAS ⑥ | 7/8 |
| LINE SIZE - IN. O.D. LIQ. ⑥ | 3/8 |
| FCCV | |
| RESTRICTOR ORIFICE SIZE | 0.067 |
| DIMENSIONS | H X W X D |
| OUTDOOR UNIT CRATED (IN.) | 33.2 X 26.7 X 30.2 |
| UNCRATED | SEE OUTLINE DWG. |
| WEIGHT | |
| SHIPPING (LBS.) | 189 |
| NET (LBS.) | 169 |

- 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 NATIONAL ELECTRIC CODE. ONLY USE HACR CIRCUIT BREAKERS OR FUSES.
- ④ STANDARD AIR - DRY COIL - OUTDOOR
- ⑤ THIS VALUE APPROXIMATE. FOR MORE PRECISE VALUE SEE UNIT NAMEPLATE AND SERVICE INSTRUCTION.
- ⑥ MAX. LINEAR LENGTH: 80 FT WITH RECIPROCATING COMPRESSOR - 60 FT WITH SCROLL. MAX. LIFT - SUCTION 60 FT; MAX LIFT - LIQUID 60 FT. FOR GREATER LENGTH REFER TO REFRIGERANT PIPING SOFTWARE PUB. NO. 32-3312-01.
- ⑦ THE VALUE SHOWN FOR COMPRESSOR RLA ON THE UNIT NAMEPLATE AND ON THIS SPECIFICATION SHEET IS USED TO COMPUTE MINIMUM BRANCH CIRCUIT AMPACITY AND MAXIMUM 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.



SPLIT SYSTEM



OUTDOOR UNIT WITH HEAT PUMP COILS

| | TXA031C4 | TXA036C4 | TXA037C4 | TXA042C4 | TXC031C4 | TXC031D4 | TXC036C4 |
|----------------------------|-------------|------------|------------|------------|-------------|-------------|------------|
| EXPANSION TYPE | FACT INS 67 | CHG TO 67 | CHG TO 67 | CHG TO 67 | FACT INS 67 | FACT INS 67 | CHG TO 67 |
| RATINGS (COOLING) ① | | | | | | | |
| BTUH (TOTAL) | 32400 | 33600 | 33600 | 33800 | 32400 | 32400 | 33600 |
| BTUH (SENSIBLE) | 23600 | 25000 | 25000 | 25100 | 23600 | 23600 | 25000 |
| INDOOR AIRFLOW (CFM) | 1100 | 1200 | 1200 | 1200 | 1100 | 1100 | 1200 |
| SYSTEM POWER (KW) | 3.52 | 3.61 | 3.61 | 3.61 | 3.52 | 3.52 | 3.61 |
| EER/SEER (BTU/WATT-HR.) | 9.20/10.00 | 9.30/10.00 | 9.30/10.00 | 9.35/10.00 | 9.20/10.00 | 9.20/10.00 | 9.30/10.00 |
| RATINGS (HEATING) ① | | | | | | | |
| (HIGH TEMP.) BTUH | 31600 | 32200 | 32200 | 32200 | 31600 | 31600 | 32200 |
| SYSTEM POWER (KW) | 3.13 | 3.10 | 3.10 | 3.08 | 3.13 | 3.13 | 3.10 |
| COP | 2.96 | 3.04 | 3.04 | 3.06 | 2.96 | 2.96 | 3.04 |
| HSPF (BTU/WATT-HR.) | 6.90 | 7.00 | 7.00 | 7.00 | 6.90 | 6.90 | 7.00 |

| | TXC036D4 | TXC037C4 | TXC042C4 | TXH033A4 | TXH041A4 |
|----------------------------|------------|------------|------------|------------|-------------|
| EXPANSION TYPE | CHG TO 67 | CHG TO 67 | CHG TO 67 | CHG TO 67 | FACT INS 67 |
| RATINGS (COOLING) ① | | | | | |
| BTUH (TOTAL) | 33600 | 33600 | 33800 | 32400 | 35000 |
| BTUH (SENSIBLE) | 25000 | 25000 | 25100 | 24500 | 27600 |
| INDOOR AIRFLOW (CFM) | 1200 | 1200 | 1200 | 1125 | 1310 |
| SYSTEM POWER (KW) | 3.61 | 3.61 | 3.61 | 3.52 | 3.74 |
| EER/SEER (BTU/WATT-HR.) | 9.30/10.00 | 9.30/10.00 | 9.35/10.00 | 9.20/10.00 | 9.35/10.00 |
| RATINGS (HEATING) ① | | | | | |
| (HIGH TEMP.) BTUH | 32200 | 32200 | 32200 | 31800 | 32600 |
| SYSTEM POWER (KW) | 3.10 | 3.10 | 3.08 | 3.15 | 3.10 |
| COP | 3.04 | 3.04 | 3.06 | 2.96 | 3.08 |
| HSPF (BTU/WATT-HR.) | 7.00 | 7.00 | 7.00 | 6.90 | 7.05 |

*See page 22 for combinations with Auxiliary Devices.



General Data

2TWB0036A1000A

OUTDOOR UNIT WITH AIR HANDLERS

| | TVF030A14 | TVF036A14 | TWE030C14 | TWE036C14 | TWE042C14 | TWG030A14 | TWG036A14 |
|----------------------------|-------------|------------|-------------|------------|------------|------------|------------|
| EXPANSION TYPE | FACT INS 67 | CHG TO 67 | FACT INS 67 | CHG TO 67 | CHG TO 67 | CHG TO 67 | CHG TO 67 |
| RATINGS (COOLING) ① | | | | | | | |
| BTUH (TOTAL) | 33200 | 34200 | 31200 | 34000 | 34400 | 31800 | 32600 |
| BTUH (SENSIBLE) | 24900 | 26100 | 21600 | 25700 | 27100 | 23400 | 24300 |
| INDOOR AIRFLOW (CFM) | 1125 | 1200 | 945 | 1200 | 1290 | 1100 | 1150 |
| SYSTEM POWER (KW) | 3.59 | 3.68 | 3.37 | 3.66 | 3.72 | 3.44 | 3.62 |
| EER/SEER (BTU/WATT-HR.) | 9.25/10.00 | 9.30/10.00 | 9.25/10.00 | 9.30/10.00 | 9.25/10.00 | 9.25/10.00 | 9.00/10.00 |
| RATINGS (HEATING) ① | | | | | | | |
| (HIGH TEMP.) BTUH | 32000 | 32400 | 30600 | 32400 | 32200 | 31000 | 31800 |
| SYSTEM POWER (KW) | 3.15 | 3.12 | 3.18 | 3.14 | 3.14 | 3.24 | 3.28 |
| COP | 2.98 | 3.04 | 2.82 | 3.02 | 3.00 | 2.80 | 2.84 |
| HSPF (BTU/WATT-HR.) | 7.00 | 7.05 | 6.80 | 7.00 | 7.00 | 6.80 | 6.80 |

| | TWG037A14 | TWG042A14 |
|----------------------------|------------|------------|
| EXPANSION TYPE | CHG TO 67 | CHG TO 67 |
| RATINGS (COOLING) ① | | |
| BTUH (TOTAL) | 33000 | 33000 |
| BTUH (SENSIBLE) | 25000 | 25400 |
| INDOOR AIRFLOW (CFM) | 1200 | 1235 |
| SYSTEM POWER (KW) | 3.55 | 3.59 |
| EER/SEER (BTU/WATT-HR.) | 9.30/10.00 | 9.20/10.00 |
| RATINGS (HEATING) ① | | |
| (HIGH TEMP.) BTUH | 31400 | 31800 |
| SYSTEM POWER (KW) | 3.17 | 3.15 |
| COP | 2.90 | 2.96 |
| HSPF (BTU/WATT-HR.) | 6.90 | 7.00 |

*See page 22 for combinations with Auxiliary Devices.



General Data

2TWB0042A1000A

| OUTDOOR UNIT ①② | 2TWB0042A1000A |
|----------------------------------|--------------------|
| SOUND RATING (DECIBELS) ② | 79 |
| POWER CONNS. — V/PH/Hz ③ | 200/230/1/60 |
| MIN. BRCH. CIR. AMPACITY | 23 |
| BR. CIR. } MAX. (AMPS) | 40 |
| PROT. RTG. } MIN. (AMPS) | 40 |
| COMPRESSOR | CLIMATUFF® |
| NO. USED - NO. SPEEDS | 1 - 1 |
| VOLTS/PH/Hz | 200/230/1/60 |
| R.L. AMPS ⑦ - L.R. AMPS | 17.3 - 92 |
| FACTORY INSTALLED | |
| START COMPONENTS ⑧ | NO |
| INSULATION/SOUND BLANKET | NO |
| COMPRESSOR HEAT | YES |
| OUTDOOR FAN — TYPE | PROPELLER |
| DIA. (IN.) - NO. USED | 23 - 1 |
| TYPE DRIVE - NO. SPEEDS | DIRECT - 1 |
| CFM @ 0.0 IN. W.G. ④ | 3325 |
| NO. MOTORS - HP. | 1 - 1/6 |
| MOTOR SPEED R.P.M. | 825 |
| VOLTS/PH/Hz | 200/230/1/60 |
| F.L. AMPS | 1.4 |
| OUTDOOR COIL — TYPE | SPINE FIN™ |
| ROWS - F.P.I. | 1 - 24 |
| FACE AREA (SQ. FT.) | 15.18 |
| TUBE SIZE (IN.) | 3/8 |
| REFRIGERANT CONTROL | EXPANSION VALVE |
| REFRIGERANT | R-22 |
| (O.D. UNIT) NP CHR.G. ⑤ | 6/08-LB/OZ |
| FACTORY SUPPLIED | YES |
| LINE SIZE - IN. O.D. GAS ⑥ | 7/8 |
| LINE SIZE - IN. O.D. LIQ. ⑥ | 3/8 |
| FCCV | |
| RESTRICTOR ORIFICE SIZE | 0.075 |
| DIMENSIONS | H X W X D |
| OUTDOOR UNIT CRATED (IN.) | 30.1 X 30.1 X 33.8 |
| UNCRATED | SEE OUTLINE DWG. |
| WEIGHT | |
| SHIPPING (LBS.) | 247 |
| NET (LBS.) | 220 |

- 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 NATIONAL ELECTRIC CODE. ONLY USE HACR CIRCUIT BREAKERS OR FUSES.
- ④ STANDARD AIR - DRY COIL - OUTDOOR
- ⑤ THIS VALUE APPROXIMATE. FOR MORE PRECISE VALUE SEE UNIT NAMEPLATE AND SERVICE INSTRUCTION.
- ⑥ MAX. LINEAR LENGTH: 80 FT WITH RECIPROCATING COMPRESSOR - 60 FT WITH SCROLL. MAX. LIFT - SUCTION 60 FT; MAX LIFT - LIQUID 60 FT. FOR GREATER LENGTH REFER TO REFRIGERANT PIPING SOFTWARE PUB. NO. 32-3312-01.
- ⑦ THE VALUE SHOWN FOR COMPRESSOR RLA ON THE UNIT NAMEPLATE AND ON THIS SPECIFICATION SHEET IS USED TO COMPUTE MINIMUM BRANCH CIRCUIT AMPACITY AND MAXIMUM 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.



SPLIT SYSTEM



OUTDOOR UNIT WITH HEAT PUMP COILS

| | TXA035C4 | TXA036C4 | TXA037C4 | TXA042C4 | TXA043C4 | TXA048C4 | TXC036C4 |
|----------------------------|------------|------------|------------|------------|------------|-------------|------------|
| EXPANSION TYPE | CHG TO 75 | CHG TO 75 | CHG TO 75 | CHG TO 75 | CHG TO 75 | CHG TO 75 | CHG TO 75 |
| RATINGS (COOLING) ① | | | | | | | |
| BTUH (TOTAL) | 36400 | 38500 | 39000 | 38500 | 39500 | 40000 | 38500 |
| BTUH (SENSIBLE) | 25100 | 27100 | 28500 | 27000 | 29200 | 29200 | 27100 |
| INDOOR AIRFLOW (CFM) | 1100 | 1200 | 1350 | 1200 | 1400 | 1350 | 1200 |
| SYSTEM POWER (KW) | 3.77 | 3.91 | 3.96 | 3.87 | 4.01 | 4.00 | 3.91 |
| EER/SEER (BTU/WATT-HR.) | 9.65/10.00 | 9.85/10.00 | 9.85/10.00 | 9.95/10.00 | 9.85/10.00 | 10.00/10.00 | 9.85/10.00 |
| RATINGS (HEATING) ① | | | | | | | |
| (HIGH TEMP.) BTUH | 36400 | 38000 | 38500 | 38000 | 39000 | 39000 | 38000 |
| SYSTEM POWER (KW) | 3.70 | 3.55 | 3.53 | 3.50 | 3.51 | 3.44 | 3.55 |
| COP | 2.88 | 3.14 | 3.20 | 3.18 | 3.26 | 3.32 | 3.14 |
| HSPF (BTU/WATT-HR.) | 7.25 | 7.65 | 7.70 | 7.70 | 7.80 | 7.90 | 7.65 |

| | TXC036D4 | TXC037C4 | TXC042C4 | TXC043C4 | TXC048C4 | TXH041A4 | TXH054A4 |
|----------------------------|------------|------------|------------|------------|-------------|-------------|-------------|
| EXPANSION TYPE | CHG TO 75 | CHG TO 75 | CHG TO 75 | CHG TO 75 | CHG TO 75 | CHG TO 75 | CHG TO 75 |
| RATINGS (COOLING) ① | | | | | | | |
| BTUH (TOTAL) | 38500 | 39000 | 38500 | 39500 | 40000 | 40500 | 42500 |
| BTUH (SENSIBLE) | 27100 | 28500 | 27000 | 29200 | 29200 | 30400 | 33800 |
| INDOOR AIRFLOW (CFM) | 1200 | 1350 | 1200 | 1400 | 1350 | 1400 | 1575 |
| SYSTEM POWER (KW) | 3.91 | 3.96 | 3.87 | 4.01 | 4.00 | 4.05 | 4.21 |
| EER/SEER (BTU/WATT-HR.) | 9.85/10.00 | 9.85/10.00 | 9.95/10.00 | 9.85/10.00 | 10.00/10.00 | 10.00/10.00 | 10.10/10.00 |
| RATINGS (HEATING) ① | | | | | | | |
| (HIGH TEMP.) BTUH | 38000 | 38500 | 38000 | 39000 | 39000 | 39000 | 40000 |
| SYSTEM POWER (KW) | 3.55 | 3.53 | 3.50 | 3.51 | 3.44 | 3.51 | 3.41 |
| COP | 3.14 | 3.20 | 3.18 | 3.26 | 3.32 | 3.26 | 3.44 |
| HSPF (BTU/WATT-HR.) | 7.65 | 7.70 | 7.70 | 7.80 | 7.90 | 7.80 | 8.10 |

*See page 22 for combinations with Auxiliary Devices.



General Data

2TWB0042A1000A

OUTDOOR UNIT WITH AIR HANDLERS

| | TVF036A14 | TWE036C14 | TWE042C14 | TWE048C14 | TWE060A | TWG037A14 | TWG042A14 |
|----------------------------|------------|------------|------------|------------|-------------|------------|------------|
| EXPANSION TYPE | CHG TO 75 | CHG TO 75 | CHG TO 75 | CHG TO 75 | TXV-B | CHG TO 75 | CHG TO 75 |
| RATINGS (COOLING) ① | | | | | | | |
| BTUH (TOTAL) | 39500 | 38500 | 40500 | 41000 | 40500 | 37600 | 38000 |
| BTUH (SENSIBLE) | 29600 | 28600 | 30400 | 32200 | 31000 | 27600 | 28000 |
| INDOOR AIRFLOW (CFM) | 1350 | 1350 | 1400 | 1535 | 1515 | 1275 | 1400 |
| SYSTEM POWER (KW) | 4.09 | 3.99 | 4.07 | 4.16 | 3.91 | 3.88 | 3.90 |
| EER/SEER (BTU/WATT-HR.) | 9.65/10.00 | 9.65/10.00 | 9.95/10.00 | 9.85/10.00 | 10.35/10.50 | 9.70/10.00 | 9.75/10.00 |
| RATINGS (HEATING) ① | | | | | | | |
| (HIGH TEMP.) BTUH | 39000 | 38000 | 39000 | 39500 | 39000 | 37200 | 38000 |
| SYSTEM POWER (KW) | 3.59 | 3.66 | 3.53 | 3.53 | 3.38 | 3.66 | 3.59 |
| COP | 3.18 | 3.04 | 3.24 | 3.28 | 3.38 | 2.98 | 3.10 |
| HSPF (BTU/WATT-HR.) | 7.75 | 7.50 | 7.70 | 7.85 | 8.05 | 7.40 | 7.60 |

| | TWG048A14 |
|----------------------------|------------|
| EXPANSION TYPE | CHG TO 75 |
| RATINGS (COOLING) ① | |
| BTUH (TOTAL) | 41000 |
| BTUH (SENSIBLE) | 32100 |
| INDOOR AIRFLOW (CFM) | 1535 |
| SYSTEM POWER (KW) | 4.12 |
| EER/SEER (BTU/WATT-HR.) | 9.95/10.00 |
| RATINGS (HEATING) ① | |
| (HIGH TEMP.) BTUH | 39000 |
| SYSTEM POWER (KW) | 3.51 |
| COP | 3.26 |
| HSPF (BTU/WATT-HR.) | 7.90 |

*See page 22 for combinations with Auxiliary Devices.



General Data

2TWB0048A1000A

| OUTDOOR UNIT ①② | 2TWB0048A1000A |
|----------------------------------|--------------------|
| SOUND RATING (DECIBELS) ② | 80 |
| POWER CONNS. — V/PH/Hz ③ | 200/230/1/60 |
| MIN. BRCH. CIR. AMPACITY | 26 |
| BR. CIR. } MAX. (AMPS) | 40 |
| PROT. RTG. } MIN. (AMPS) | 40 |
| COMPRESSOR | CLIMATUFF® |
| NO. USED - NO. SPEEDS | 1 - 1 |
| VOLTS/PH/Hz | 200/230/1/60 |
| R.L. AMPS ⑦ - L.R. AMPS | 19.0 - 105 |
| FACTORY INSTALLED | |
| START COMPONENTS ⑧ | NO |
| INSULATION/SOUND BLANKET | YES |
| COMPRESSOR HEAT | YES |
| OUTDOOR FAN — TYPE | PROPELLER |
| DIA. (IN.) - NO. USED | 23 - 1 |
| TYPE DRIVE - NO. SPEEDS | DIRECT - 1 |
| CFM @ 0.0 IN. W.G. ④ | 3675 |
| NO. MOTORS - HP. | 1 - 1/4 |
| MOTOR SPEED R.P.M. | 825 |
| VOLTS/PH/Hz | 200/230/1/60 |
| F.L. AMPS | 1.9 |
| OUTDOOR COIL — TYPE | SPINE FIN™ |
| ROWS - F.P.I. | 1 - 24 |
| FACE AREA (SQ. FT.) | 15.18 |
| TUBE SIZE (IN.) | 3/8 |
| REFRIGERANT CONTROL | EXPANSION VALVE |
| REFRIGERANT | R-22 |
| (O.D. UNIT) NP CHR.G. ⑤ | 8/04-LB/OZ |
| FACTORY SUPPLIED | YES |
| LINE SIZE - IN. O.D. GAS ⑥ | 1-1/8 |
| LINE SIZE - IN. O.D. LIQ. ⑥ | 3/8 |
| FCCV | |
| RESTRICTOR ORIFICE SIZE | 0.083 |
| DIMENSIONS | H X W X D |
| OUTDOOR UNIT CRATED (IN.) | 30.1 X 30.1 X 33.8 |
| UNCRATED | SEE OUTLINE DWG. |
| WEIGHT | |
| SHIPPING (LBS.) | 255 |
| NET (LBS.) | 228 |

- 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 NATIONAL ELECTRIC CODE. ONLY USE HACR CIRCUIT BREAKERS OR FUSES.
- ④ STANDARD AIR - DRY COIL - OUTDOOR
- ⑤ THIS VALUE APPROXIMATE. FOR MORE PRECISE VALUE SEE UNIT NAMEPLATE AND SERVICE INSTRUCTION.
- ⑥ MAX. LINEAR LENGTH: 80 FT WITH RECIPROCATING COMPRESSOR - 60 FT WITH SCROLL. MAX. LIFT - SUCTION 60 FT; MAX LIFT - LIQUID 60 FT. FOR GREATER LENGTH REFER TO REFRIGERANT PIPING SOFTWARE PUB. NO. 32-3312-01.
- ⑦ THE VALUE SHOWN FOR COMPRESSOR RLA ON THE UNIT NAMEPLATE AND ON THIS SPECIFICATION SHEET IS USED TO COMPUTE MINIMUM BRANCH CIRCUIT AMPACITY AND MAXIMUM 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.



SPLIT SYSTEM



OUTDOOR UNIT WITH HEAT PUMP COILS

| | TXA042C4 | TXA043C4 | TXA048C4 | TXA049C4 | TXA050C4 | TXA060C5 | TXA061C5 |
|----------------------------|------------|------------|-------------|-------------|-------------|------------|------------|
| EXPANSION TYPE | CHG TO 83 | CHG TO 83 | FACT INS 83 | FACT INS 83 | FACT INS 83 | TXV-B | TXV-B |
| RATINGS (COOLING) ① | | | | | | | |
| BTUH (TOTAL) | 42000 | 44000 | 43500 | 45000 | 45000 | 46000 | 47000 |
| BTUH (SENSIBLE) | 28600 | 32600 | 30700 | 33500 | 33500 | 34500 | 36600 |
| INDOOR AIRFLOW (CFM) | 1200 | 1575 | 1350 | 1600 | 1600 | 1700 | 1760 |
| SYSTEM POWER (KW) | 4.31 | 4.54 | 4.42 | 4.59 | 4.59 | 4.67 | 4.75 |
| EER/SEER (BTU/WATT-HR.) | 9.75/10.00 | 9.70/10.00 | 9.85/10.00 | 9.80/10.00 | 9.80/10.00 | 9.85/10.25 | 9.90/10.50 |
| RATINGS (HEATING) ① | | | | | | | |
| (HIGH TEMP.) BTUH | 42000 | 43500 | 43000 | 43500 | 43500 | 44000 | 44500 |
| SYSTEM POWER (KW) | 4.02 | 4.03 | 3.96 | 3.93 | 3.93 | 3.91 | 3.95 |
| COP | 3.06 | 3.16 | 3.18 | 3.24 | 3.24 | 3.30 | 3.30 |
| HSPF (BTU/WATT-HR.) | 7.20 | 7.35 | 7.35 | 7.50 | 7.50 | 7.50 | 7.35 |

| | TXC042C4 | TXC043C4 | TXC048C4 | TXC049C4 | TXC050C4 | TXC060C5 | TXC061C5 |
|----------------------------|------------|------------|-------------|-------------|-------------|------------|------------|
| EXPANSION TYPE | CHG TO 83 | CHG TO 83 | FACT INS 83 | FACT INS 83 | FACT INS 83 | TXV-B | TXV-B |
| RATINGS (COOLING) ① | | | | | | | |
| BTUH (TOTAL) | 42000 | 44000 | 43500 | 45000 | 45000 | 46000 | 47000 |
| BTUH (SENSIBLE) | 28600 | 32600 | 30700 | 33500 | 33500 | 34500 | 36600 |
| INDOOR AIRFLOW (CFM) | 1200 | 1575 | 1350 | 1600 | 1600 | 1700 | 1760 |
| SYSTEM POWER (KW) | 4.31 | 4.54 | 4.42 | 4.59 | 4.59 | 4.67 | 4.75 |
| EER/SEER (BTU/WATT-HR.) | 9.75/10.00 | 9.70/10.00 | 9.85/10.00 | 9.80/10.00 | 9.80/10.00 | 9.85/10.25 | 9.90/10.50 |
| RATINGS (HEATING) ① | | | | | | | |
| (HIGH TEMP.) BTUH | 42000 | 43500 | 43000 | 43500 | 43500 | 44000 | 44500 |
| SYSTEM POWER (KW) | 4.02 | 4.03 | 3.96 | 3.93 | 3.93 | 3.91 | 3.95 |
| COP | 3.06 | 3.16 | 3.18 | 3.24 | 3.24 | 3.30 | 3.30 |
| HSPF (BTU/WATT-HR.) | 7.20 | 7.35 | 7.35 | 7.50 | 7.50 | 7.50 | 7.35 |

*See pages 22 and 23 for combinations with Auxiliary Devices.



General Data

2TWB0048A1000A

OUTDOOR UNIT WITH HEAT PUMP COILS

| | TXH041A4 | TXH054A4 |
|----------------------------|------------|-------------|
| EXPANSION TYPE | CHG TO 83 | FACT INS 83 |
| RATINGS (COOLING) ① | | |
| BTUH (TOTAL) | 45000 | 48000 |
| BTUH (SENSIBLE) | 33800 | 37500 |
| INDOOR AIRFLOW (CFM) | 1575 | 1700 |
| SYSTEM POWER (KW) | 4.57 | 4.78 |
| EER/SEER (BTU/WATT-HR.) | 9.85/10.00 | 10.05/10.25 |
| RATINGS (HEATING) ① | | |
| (HIGH TEMP.) BTUH | 43500 | 44500 |
| SYSTEM POWER (KW) | 4.03 | 3.90 |
| COP | 3.16 | 3.34 |
| HSPF (BTU/WATT-HR.) | 7.35 | 7.35 |

OUTDOOR UNIT WITH AIR HANDLERS

| | TWE042C14 | TWE048C14 | TWE060A | TWE060C/D15 | TWG048A14 | TWG060A15 |
|----------------------------|------------|-------------|-------------|-------------|-------------|------------|
| EXPANSION TYPE | CHG TO 83 | FACT INS 83 | TXV-B | TXV-B | FACT INS 83 | TXV-B |
| RATINGS (COOLING) ① | | | | | | |
| BTUH (TOTAL) | 44000 | 45500 | 46000 | 46500 | 45000 | 46500 |
| BTUH (SENSIBLE) | 33000 | 34400 | 35200 | 36000 | 33900 | 36000 |
| INDOOR AIRFLOW (CFM) | 1575 | 1600 | 1725 | 1740 | 1600 | 1740 |
| SYSTEM POWER (KW) | 4.63 | 4.69 | 4.53 | 4.95 | 4.62 | 4.84 |
| EER/SEER (BTU/WATT-HR.) | 9.50/10.00 | 9.70/10.00 | 10.15/10.50 | 9.40/10.00 | 9.75/10.00 | 9.60/10.25 |
| RATINGS (HEATING) ① | | | | | | |
| (HIGH TEMP.) BTUH | 43000 | 44500 | 43000 | 44500 | 43500 | 44500 |
| SYSTEM POWER (KW) | 4.14 | 4.02 | 3.84 | 4.13 | 4.06 | 4.05 |
| COP | 3.04 | 3.24 | 3.28 | 3.16 | 3.14 | 3.22 |
| HSPF (BTU/WATT-HR.) | 7.20 | 7.35 | 7.50 | 7.20 | 7.30 | 7.25 |

*See pages 22 and 23 for combinations with Auxiliary Devices.



General Data

2TWB0060A1000A

| OUTDOOR UNIT ①② | 2TWB0060A1000A |
|----------------------------------|--------------------|
| SOUND RATING (DECIBELS) ② | 81 |
| POWER CONNS. — V/PH/Hz ③ | 200/230/1/60 |
| MIN. BRCH. CIR. AMPACITY | 34 |
| BR. CIR. } MAX. (AMPS) | 50 |
| PROT. RTG. } MIN. (AMPS) | 50 |
| COMPRESSOR | CLIMATUFF® |
| NO. USED - NO. SPEEDS | 1 - 1 |
| VOLTS/PH/Hz | 200/230/1/60 |
| R.L. AMPS ⑦ - L.R. AMPS | 25.9 - 141 |
| FACTORY INSTALLED | |
| START COMPONENTS ⑧ | NO |
| INSULATION/SOUND BLANKET | YES |
| COMPRESSOR HEAT | YES |
| OUTDOOR FAN — TYPE | PROPELLER |
| DIA. (IN.) - NO. USED | 27.6 - 1 |
| TYPE DRIVE - NO. SPEEDS | DIRECT - 1 |
| CFM @ 0.0 IN. W.G. ④ | 4400 |
| NO. MOTORS - HP. | 1 - 1/6 |
| MOTOR SPEED R.P.M. | 825 |
| VOLTS/PH/Hz | 200/230/1/60 |
| F.L. AMPS | 1.4 |
| OUTDOOR COIL — TYPE | SPINE FIN™ |
| ROWS - F.P.I. | 1 - 24 |
| FACE AREA (SQ. FT.) | 21.99 |
| TUBE SIZE (IN.) | 3/8 |
| REFRIGERANT CONTROL | EXPANSION VALVE |
| REFRIGERANT | R-22 |
| (O.D. UNIT) NP CHR.G. ⑤ | 9/08-LB/OZ |
| FACTORY SUPPLIED | YES |
| LINE SIZE - IN. O.D. GAS ⑥ | 1-1/8 |
| LINE SIZE - IN. O.D. LIQ. ⑥ | 3/8 |
| FCCV | |
| RESTRICTOR ORIFICE SIZE | 0.095 |
| DIMENSIONS | H X W X D |
| OUTDOOR UNIT CRATED (IN.) | 38.4 X 35.1 X 38.7 |
| UNCRATED | SEE OUTLINE DWG. |
| WEIGHT | |
| SHIPPING (LBS.) | 291 |
| NET (LBS.) | 259 |

- 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 NATIONAL ELECTRIC CODE. ONLY USE HACR CIRCUIT BREAKERS OR FUSES.
- ④ STANDARD AIR - DRY COIL - OUTDOOR
- ⑤ THIS VALUE APPROXIMATE. FOR MORE PRECISE VALUE SEE UNIT NAMEPLATE AND SERVICE INSTRUCTION.
- ⑥ MAX. LINEAR LENGTH: 80 FT WITH RECIPROCATING COMPRESSOR - 60 FT WITH SCROLL. MAX. LIFT - SUCTION 60 FT; MAX LIFT - LIQUID 60 FT. FOR GREATER LENGTH REFER TO REFRIGERANT PIPING SOFTWARE PUB. NO. 32-3312-01.
- ⑦ THE VALUE SHOWN FOR COMPRESSOR RLA ON THE UNIT NAMEPLATE AND ON THIS SPECIFICATION SHEET IS USED TO COMPUTE MINIMUM BRANCH CIRCUIT AMPACITY AND MAXIMUM 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.



SPLIT SYSTEM



OUTDOOR UNIT WITH HEAT PUMP COILS

| | TXA048C4 | TXA049C4 | TXA050C4 | TXA060C5 | TXA061C5 | TXC048C4 | TXC049C4 |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| EXPANSION TYPE | CHG TO 95 | CHG TO 95 | CHG TO 95 | TXV-B | TXV-B | CHG TO 95 | CHG TO 95 |
| RATINGS (COOLING) ① | | | | | | | |
| BTUH (TOTAL) | 54000 | 56500 | 56500 | 58000 | 59500 | 54000 | 56500 |
| BTUH (SENSIBLE) | 35400 | 39100 | 39100 | 39700 | 41900 | 35400 | 39100 |
| INDOOR AIRFLOW (CFM) | 1350 | 1675 | 1675 | 1700 | 1800 | 1350 | 1675 |
| SYSTEM POWER (KW) | 5.74 | 5.95 | 5.95 | 6.01 | 6.10 | 5.74 | 5.95 |
| EER/SEER (BTU/WATT-HR.) | 9.40/10.00 | 9.50/10.00 | 9.50/10.00 | 9.65/10.50 | 9.75/10.50 | 9.40/10.00 | 9.50/10.00 |
| RATINGS (HEATING) ① | | | | | | | |
| (HIGH TEMP.) BTUH | 53000 | 54500 | 54500 | 55000 | 55000 | 53000 | 54500 |
| SYSTEM POWER (KW) | 5.25 | 5.22 | 5.22 | 5.17 | 5.13 | 5.25 | 5.22 |
| COP | 2.96 | 3.06 | 3.06 | 3.12 | 3.14 | 2.96 | 3.06 |
| HSPF (BTU/WATT-HR.) | 7.55 | 7.60 | 7.60 | 7.65 | 7.70 | 7.55 | 7.60 |

| | TXC050C4 | TXC060C5 | TXC061C5 | TXH041A4 | TXH054A4 |
|----------------------------|------------|------------|------------|------------|------------|
| EXPANSION TYPE | CHG TO 95 | TXV-B | TXV-B | CHG TO 95 | CHG TO 95 |
| RATINGS (COOLING) ① | | | | | |
| BTUH (TOTAL) | 56500 | 58000 | 59500 | 56500 | 60500 |
| BTUH (SENSIBLE) | 39100 | 39700 | 41900 | 38800 | 42700 |
| INDOOR AIRFLOW (CFM) | 1675 | 1700 | 1800 | 1575 | 1700 |
| SYSTEM POWER (KW) | 5.95 | 6.01 | 6.10 | 5.92 | 6.11 |
| EER/SEER (BTU/WATT-HR.) | 9.50/10.00 | 9.65/10.50 | 9.75/10.50 | 9.55/10.00 | 9.90/10.25 |
| RATINGS (HEATING) ① | | | | | |
| (HIGH TEMP.) BTUH | 54500 | 55000 | 55000 | 53500 | 55000 |
| SYSTEM POWER (KW) | 5.22 | 5.17 | 5.13 | 5.26 | 5.13 |
| COP | 3.06 | 3.12 | 3.14 | 2.98 | 3.14 |
| HSPF (BTU/WATT-HR.) | 7.60 | 7.65 | 7.70 | 7.55 | 7.75 |

*See page 23 for combinations with Auxiliary Devices.



General Data

2TWB0060A1000A

OUTDOOR UNIT WITH AIR HANDLERS

| | TWE042C14 | TWE048C14 | TWE060A | TWE060C/D15 | TWG048A14 | TWG060A15 |
|----------------------------|------------|------------|------------|-------------|------------|------------|
| EXPANSION TYPE | CHG TO 95 | CHG TO 95 | TXV-B | TXV-B | CHG TO 95 | TXV-B |
| RATINGS (COOLING) ① | | | | | | |
| BTUH (TOTAL) | 55000 | 58500 | 59000 | 59000 | 56500 | 60000 |
| BTUH (SENSIBLE) | 37800 | 41600 | 42400 | 42500 | 39100 | 43600 |
| INDOOR AIRFLOW (CFM) | 1575 | 1800 | 2000 | 1945 | 1625 | 2000 |
| SYSTEM POWER (KW) | 5.91 | 6.19 | 5.99 | 6.38 | 5.95 | 6.38 |
| EER/SEER (BTU/WATT-HR.) | 9.30/10.00 | 9.45/10.00 | 9.85/10.50 | 9.25/10.00 | 9.50/10.00 | 9.40/10.25 |
| RATINGS (HEATING) ① | | | | | | |
| (HIGH TEMP.) BTUH | 53000 | 55000 | 54500 | 57000 | 53500 | 56000 |
| SYSTEM POWER (KW) | 5.47 | 5.37 | 5.09 | 5.39 | 5.33 | 5.33 |
| COP | 2.84 | 3.00 | 3.14 | 3.10 | 2.94 | 3.08 |
| HSPF (BTU/WATT-HR.) | 7.35 | 7.50 | 7.70 | 7.55 | 7.50 | 7.65 |

*See page 23 for combinations with Auxiliary Devices.



Ratings with Auxiliary Devices

COMBINATIONS WITH FAN DELAY RELAY KIT AND/OR TXV KIT AND/OR INSULATION KIT

*When models are matched with an indoor air handler or coil that has a flow control check valve or expansion valve flow control, the addition of an indoor fan delay relay kit and/or TXV kit may increase the system SEER. The addition of a BAYINS001 kit on the outdoor unit may increase the system HSPF. See charts below for ratings.

| OUTDOOR MODEL | INS KIT | INDOOR MODEL | FAN DELAY KIT | TXV KIT | CFM | SEER | COOLING CAPACITY | HI-TEMP HEATING | HSPF | HI-TEMP COP |
|---------------|---------|--------------|---------------|---------|------|-------|------------------|-----------------|------|-------------|
| 2TWB0012A10 * | N | TWE018P13 | N | NO | 450 | 10.50 | 15200 | 14600 | 7.10 | 3.12 |
| 2TWB0012A10 * | N | TWE024P13 | N | NO | 450 | 10.50 | 15200 | 14600 | 7.10 | 3.12 |
| 2TWB0018A10 * | N | TVF018A14 | FI | NB | 600 | 10.50 | 19100 | 16400 | 7.00 | 3.24 |
| 2TWB0018A10 * | N | TVF024A14 | FI | NB | 675 | 10.50 | 19200 | 16800 | 7.00 | 3.20 |
| 2TWB0018A10 * | N | TWE018C14 | FI | NB | 600 | 10.50 | 18200 | 16300 | 6.90 | 3.16 |
| 2TWB0018A10 * | N | TWE018P13 | N | NO | 600 | 10.50 | 19000 | 16500 | 7.00 | 3.20 |
| 2TWB0018A10 * | N | TWE024P13 | N | NO | 675 | 10.50 | 19400 | 16600 | 7.05 | 3.28 |
| 2TWB0018A10 * | Y | TWG018A14 | FI | NB | 600 | 10.50 | 18100 | 16100 | 6.80 | 3.04 |
| 2TWB0018A10 * | N | TWG025A14 | FI | NB | 675 | 10.50 | 18900 | 16500 | 6.85 | 3.14 |
| 2TWB0018A10 | Y | TXA018C4 | N | NO | 600 | 10.00 | 17600 | 16100 | 6.80 | 2.92 |
| 2TWB0018A10 | Y | TXA024C4 | N | NO | 675 | 10.00 | 18500 | 16500 | 6.80 | 3.04 |
| 2TWB0018A10 | Y | TXC018C4 | N | NO | 600 | 10.00 | 17600 | 16100 | 6.80 | 2.92 |
| 2TWB0018A10 | Y | TXC024C4 | N | NO | 675 | 10.00 | 18500 | 16500 | 6.80 | 3.04 |
| 2TWB0018A10 | Y | TXC024D4 | N | NO | 675 | 10.00 | 18500 | 16500 | 6.80 | 3.04 |
| 2TWB0018A10 | Y | TXH025A4 | N | NO | 675 | 10.00 | 18600 | 16500 | 6.80 | 3.06 |
| 2TWB0024A10 * | N | TVF018A14 | FI | NB | 675 | 10.50 | 24600 | 22600 | 7.35 | 2.98 |
| 2TWB0024A10 * | N | TVF024A14 | FI | NB | 775 | 10.50 | 25200 | 23000 | 7.50 | 3.04 |
| 2TWB0024A10 * | N | TVF025A14 | FI | NB | 800 | 10.50 | 25400 | 22800 | 7.55 | 3.08 |
| 2TWB0024A10 * | N | TVF030A14 | FI | NB | 900 | 10.50 | 26400 | 23400 | 7.65 | 3.16 |
| 2TWB0024A10 * | N | TWE018P13 | N | NO | 675 | 10.50 | 24800 | 22600 | 7.40 | 3.00 |
| 2TWB0024A10 * | N | TWE024C14 | FI | NB | 800 | 10.50 | 23800 | 22800 | 7.25 | 2.92 |
| 2TWB0024A10 * | N | TWE024P13 | N | NO | 800 | 10.50 | 25800 | 22800 | 7.55 | 3.10 |
| 2TWB0024A10 * | N | TWE030C14 | FI | NB | 900 | 10.50 | 25200 | 23000 | 7.50 | 3.04 |
| 2TWB0024A10 * | N | TWE030P13 | N | NO | 900 | 10.50 | 26000 | 23200 | 7.55 | 3.10 |
| 2TWB0024A10 | N | TWE060B | Y | NO | 1800 | 10.85 | 50000 | 46000 | 7.50 | 3.00 |
| 2TWB0024A10 * | N | TWG025A14 | FI | NB | 800 | 10.50 | 24800 | 22600 | 7.35 | 2.96 |
| 2TWB0024A10 * | N | TWG030A14 | FI | NB | 900 | 10.50 | 25000 | 23000 | 7.35 | 2.98 |
| 2TWB0024A10 * | N | TXA024C4 | N | NB | 800 | 10.50 | 24200 | 22600 | 7.15 | 2.86 |
| 2TWB0024A10 * | N | TXA025C4 | N | NB | 800 | 10.50 | 24600 | 23000 | 7.40 | 3.02 |
| 2TWB0024A10 * | N | TXA030C4 | N | NB | 900 | 10.50 | 25400 | 23200 | 7.40 | 3.00 |
| 2TWB0024A10 * | N | TXC024C4 | N | NB | 800 | 10.50 | 24200 | 22600 | 7.15 | 2.86 |
| 2TWB0024A10 * | N | TXC024D4 | N | NB | 800 | 10.50 | 24200 | 22600 | 7.15 | 2.86 |
| 2TWB0024A10 * | N | TXC025C4 | N | NB | 800 | 10.50 | 24600 | 23000 | 7.40 | 3.02 |
| 2TWB0024A10 * | N | TXC025D4 | N | NB | 800 | 10.50 | 24600 | 23000 | 7.40 | 3.02 |
| 2TWB0024A10 * | N | TXC030C4 | N | NB | 900 | 10.50 | 25400 | 23200 | 7.40 | 3.00 |
| 2TWB0024A10 * | N | TXC030D4 | N | NB | 900 | 10.50 | 25400 | 23200 | 7.40 | 3.00 |
| 2TWB0024A10 * | N | TXH025A4 | N | NB | 800 | 10.50 | 24200 | 22600 | 7.20 | 2.88 |
| 2TWB0024A10 * | N | TXH033A4 | N | NB | 900 | 10.50 | 25800 | 23400 | 7.55 | 3.10 |
| 2TWB0030A10 * | N | TVF030A14 | FI | NB | 1000 | 10.50 | 30600 | 27600 | 7.80 | 3.12 |
| 2TWB0030A10 * | N | TVF036A14 | FI | NB | 1125 | 10.50 | 31200 | 28200 | 7.80 | 3.14 |
| 2TWB0030A10 * | N | TWE024P13 | N | NO | 900 | 10.50 | 29800 | 27000 | 7.60 | 2.98 |
| 2TWB0030A10 * | N | TWE030C14 | FI | NB | 1000 | 10.50 | 29400 | 27600 | 7.60 | 3.02 |
| 2TWB0030A10 * | N | TWE030P13 | N | NO | 940 | 10.50 | 30000 | 27000 | 7.70 | 3.02 |
| 2TWB0030A10 * | N | TWE036C14 | FI | NB | 1125 | 10.50 | 30400 | 27600 | 7.70 | 3.04 |
| 2TWB0030A10 * | N | TWE036P13 | N | NO | 1125 | 10.50 | 30800 | 27800 | 7.75 | 3.10 |
| 2TWB0030A10 | N | TWE060B | Y | NO | 2000 | 10.50 | 58000 | 54000 | 7.70 | 2.94 |
| 2TWB0030A10 * | N | TWG030A14 | FI | NB | 1000 | 10.50 | 29200 | 26800 | 7.55 | 2.92 |
| 2TWB0030A10 * | N | TWG036A14 | FI | NB | 1125 | 10.50 | 30200 | 27400 | 7.65 | 3.02 |
| 2TWB0030A10 * | N | TXA030C4 | N | NB | 1000 | 10.50 | 29600 | 27200 | 7.55 | 2.94 |

FI - FACTORY INSTALLED

B - BLEED TXV

NB - NON-BLEED TXV

* - START KIT REQUIRED



Ratings with Auxiliary Devices

COMBINATIONS WITH FAN DELAY RELAY KIT AND/OR TXV KIT AND/OR INSULATION KIT

*When models are matched with an indoor air handler or coil that has a flow control check valve or expansion valve flow control, the addition of an indoor fan delay relay kit and/or TXV kit may increase the system SEER. The addition of a BAYINS001 kit on the outdoor unit may increase the system HSPF. See charts below for ratings.

| OUTDOOR MODEL | INS KIT | INDOOR MODEL | FAN DELAY KIT | TXV KIT | CFM | SEER | COOLING CAPACITY | HI-TEMP HEATING | HSPF | HI-TEMP COP |
|----------------------|---------|--------------|---------------|---------|------|-------|------------------|-----------------|------|-------------|
| 2TWB0030A10 * | N | TXA031C4 | N | NB | 1000 | 10.50 | 29800 | 27600 | 7.75 | 3.06 |
| 2TWB0030A10 * | N | TXA036C4 | N | NB | 1125 | 10.50 | 30600 | 28000 | 7.90 | 3.14 |
| 2TWB0030A10 * | N | TXC030C4 | N | NB | 1000 | 10.50 | 29600 | 27200 | 7.55 | 2.94 |
| 2TWB0030A10 * | N | TXC030D4 | N | NB | 1000 | 10.50 | 29600 | 27200 | 7.55 | 2.94 |
| 2TWB0030A10 * | N | TXC031C4 | N | NB | 1000 | 10.50 | 29800 | 27600 | 7.75 | 3.06 |
| 2TWB0030A10 * | N | TXC031D4 | N | NB | 1000 | 10.50 | 29800 | 27600 | 7.75 | 3.06 |
| 2TWB0030A10 * | N | TXC036C4 | N | NB | 1125 | 10.50 | 30600 | 28000 | 7.90 | 3.14 |
| 2TWB0030A10 | N | TXC036D4 | Y | NO | 1125 | 10.00 | 30800 | 28000 | 7.95 | 3.14 |
| 2TWB0030A10 * | N | TXC036D4 | N | NB | 1125 | 10.50 | 30600 | 28000 | 7.90 | 3.14 |
| 2TWB0030A10 * | N | TXH033A4 | N | NB | 1000 | 10.50 | 29800 | 27400 | 7.70 | 3.04 |
| 2TWB0030A10 * | N | TXH041A4 | N | NB | 1125 | 10.50 | 31400 | 28000 | 7.90 | 3.14 |
| 2TWB0036A10 * | N | TVF036A14 | FI | NB | 1200 | 10.50 | 33600 | 32400 | 7.00 | 3.04 |
| 2TWB0036A10 * | N | TWE030P13 | N | NO | 940 | 10.50 | 32200 | 30800 | 6.85 | 2.88 |
| 2TWB0036A10 * | N | TWE036C14 | FI | NB | 1200 | 10.50 | 33600 | 32400 | 7.00 | 3.02 |
| 2TWB0036A10 * | N | TWE036P13 | N | NO | 1200 | 10.50 | 33200 | 32000 | 7.00 | 3.00 |
| 2TWB0036A10 * | N | TWE042C14 | FI | NB | 1265 | 10.50 | 33800 | 32200 | 6.90 | 3.00 |
| 2TWB0036A10 * | N | TWE042P13 | N | NO | 1295 | 10.50 | 34600 | 32600 | 7.00 | 3.08 |
| 2TWB0036A10 * | N | TWG037A14 | FI | NB | 1200 | 10.50 | 32600 | 31400 | 6.85 | 2.90 |
| 2TWB0036A10 * | N | TWG042A14 | FI | NB | 1230 | 10.50 | 32800 | 31600 | 6.90 | 2.96 |
| 2TWB0036A10 * | N | TXA036C4 | N | NB | 1200 | 10.50 | 33200 | 32200 | 7.00 | 3.04 |
| 2TWB0036A10 * | N | TXA037C4 | N | NB | 1200 | 10.50 | 33200 | 32200 | 7.00 | 3.04 |
| 2TWB0036A10 * | N | TXA042C4 | N | NB | 1200 | 10.50 | 33400 | 32200 | 7.00 | 3.06 |
| 2TWB0036A10 * | N | TXC036C4 | N | NB | 1200 | 10.50 | 33200 | 32200 | 7.00 | 3.04 |
| 2TWB0036A10 * | N | TXC036D4 | N | NB | 1200 | 10.50 | 33200 | 32200 | 7.00 | 3.04 |
| 2TWB0036A10 * | N | TXC037C4 | N | NB | 1200 | 10.50 | 33200 | 32200 | 7.00 | 3.04 |
| 2TWB0036A10 * | N | TXC042C4 | N | NB | 1200 | 10.50 | 33400 | 32200 | 7.00 | 3.06 |
| 2TWB0036A10 * | N | TXH041A4 | N | NB | 1290 | 10.50 | 34400 | 32400 | 7.00 | 3.08 |
| 2TWB0042A10 * | N | TWE036P13 | N | NO | 1350 | 10.25 | 39000 | 38500 | 7.55 | 3.12 |
| 2TWB0042A10 * | N | TWE042C14 | FI | NB | 1400 | 10.50 | 40000 | 39000 | 7.70 | 3.24 |
| 2TWB0042A10 * | N | TWE042P13 | N | NO | 1400 | 10.50 | 40500 | 39000 | 7.75 | 3.26 |
| 2TWB0042A10 * | N | TWE048C14 | FI | NB | 1535 | 10.50 | 41000 | 39500 | 7.80 | 3.28 |
| 2TWB0042A10 * | N | TWE090B | N | NO | 3000 | 9.75# | 80000 | 75000 | 8.00 | 3.28 |
| 2TWB0042A10 * | N | TWE120B | N | NO | 3110 | 9.80# | 83000 | 77000 | 8.15 | 3.42 |
| 2TWB0042A10 * | N | TWG048A14 | FI | NB | 1515 | 10.50 | 40500 | 39000 | 7.80 | 3.26 |
| 2TWB0042A10 * | N | TXA042C4 | N | NB | 1200 | 10.50 | 38500 | 38000 | 7.70 | 3.18 |
| 2TWB0042A10 * | N | TXA043C4 | N | NB | 1400 | 10.50 | 39500 | 39000 | 7.80 | 3.26 |
| 2TWB0042A10 * | N | TXA048C4 | N | NB | 1350 | 10.50 | 40000 | 39000 | 7.90 | 3.32 |
| 2TWB0042A10 * | N | TXC042C4 | N | NB | 1200 | 10.50 | 38500 | 38000 | 7.70 | 3.18 |
| 2TWB0042A10 * | N | TXC043C4 | N | NB | 1400 | 10.50 | 39500 | 39000 | 7.80 | 3.26 |
| 2TWB0042A10 * | N | TXC048C4 | N | NB | 1350 | 10.50 | 40000 | 39000 | 7.90 | 3.32 |
| 2TWB0042A10 * | N | TXH041A4 | N | NB | 1400 | 10.50 | 40000 | 39000 | 7.80 | 3.26 |
| 2TWB0042A10 * | N | TXH054A4 | N | NB | 1575 | 10.50 | 42000 | 40000 | 8.10 | 3.44 |
| 2TWB0048A10 * | N | TWE042P13 | N | NO | 1575 | 10.50 | 45500 | 43500 | 7.30 | 3.18 |
| 2TWB0048A10 * | N | TWE048C14 | FI | NB | 1600 | 10.50 | 45500 | 44500 | 7.35 | 3.24 |
| 2TWB0048A10 * | N | TWE090B | N | NO | 3000 | 9.60# | 88000 | 83000 | 7.40 | 3.10 |
| 2TWB0048A10 * | N | TWE120B | N | NO | 3485 | 9.65# | 93000 | 86000 | 7.60 | 3.28 |
| 2TWB0048A10 * | N | TWG042A14 | FI | NB | 1500 | 10.00 | 42000 | 42000 | 7.10 | 2.98 |
| 2TWB0048A10 * | N | TWG048A14 | FI | NB | 1600 | 10.50 | 45000 | 43500 | 7.25 | 3.14 |
| 2TWB0048A10 * | N | TXA048C4 | N | NB | 1350 | 10.50 | 44000 | 43000 | 7.35 | 3.18 |

FI - FACTORY INSTALLED

B - BLEED TXV

NB - NON-BLEED TXV

* - START KIT REQUIRED



Ratings with Auxiliary Devices

COMBINATIONS WITH FAN DELAY RELAY KIT AND/OR TXV KIT AND/OR INSULATION KIT

*When models are matched with an indoor air handler or coil that has a flow control check valve or expansion valve flow control, the addition of an indoor fan delay relay kit and/or TXV kit may increase the system SEER. The addition of a BAYINS001 kit on the outdoor unit may increase the system HSPF. See charts below for ratings.

| OUTDOOR MODEL | INS KIT | INDOOR MODEL | FAN DELAY KIT | TXV KIT | CFM | SEER | COOLING CAPACITY | HI-TEMP HEATING | HSPF | HI-TEMP COP |
|----------------------|---------|--------------|---------------|---------|------|-------|------------------|-----------------|------|-------------|
| 2TWB0048A10 * | N | TXA049C4 | N | NB | 1600 | 10.50 | 45000 | 43500 | 7.50 | 3.24 |
| 2TWB0048A10 * | N | TXA050C4 | N | NB | 1600 | 10.50 | 45000 | 43500 | 7.50 | 3.24 |
| 2TWB0048A10 | N | TXA060C5 | Y | NO | 1700 | 10.50 | 46000 | 44000 | 7.55 | 3.30 |
| 2TWB0048A10 * | N | TXC048C4 | N | NB | 1350 | 10.50 | 44000 | 43000 | 7.35 | 3.18 |
| 2TWB0048A10 * | N | TXC049C4 | N | NB | 1600 | 10.50 | 45000 | 43500 | 7.50 | 3.24 |
| 2TWB0048A10 * | N | TXC050C4 | N | NB | 1600 | 10.50 | 45000 | 43500 | 7.50 | 3.24 |
| 2TWB0048A10 | N | TXC060C5 | Y | NO | 1700 | 10.50 | 46000 | 44000 | 7.55 | 3.30 |
| 2TWB0048A10 * | N | TXH041A4 | N | NB | 1575 | 10.50 | 45500 | 43500 | 7.35 | 3.16 |
| 2TWB0048A10 * | N | TXH054A4 | N | NB | 1700 | 10.50 | 47500 | 44500 | 7.35 | 3.34 |
| 2TWB0060A10 * | N | TWE042P13 | N | NO | 1575 | 10.25 | 57000 | 53500 | 7.55 | 2.98 |
| 2TWB0060A10 * | N | TWE048P13 | N | NO | 1800 | 10.50 | 61500 | 55500 | 7.80 | 3.22 |
| 2TWB0060A10 * | N | TWE060P13 | N | NO | 1800 | 10.50 | 61500 | 55500 | 7.80 | 3.22 |
| 2TWB0060A10 * | N | TWE063P13 | N | NO | 1800 | 10.50 | 61500 | 56500 | 7.75 | 3.20 |
| 2TWB0060A10 * | N | TWE120B | N | NO | 4000 | 9.45# | 11800 | 108000 | 7.75 | 3.10 |
| 2TWB0060A10 * | N | TXH041A4 | N | NB | 1575 | 10.50 | 57000 | 53500 | 7.55 | 2.98 |
| 2TWB0060A10 * | N | TXH054A4 | N | NB | 1700 | 10.50 | 60000 | 55000 | 7.75 | 3.14 |
| 2TWB0060A10 * | N | TXH063P3-A | N | NO | 2000 | 10.50 | 62500 | 56500 | 7.90 | 3.28 |
| 2TWB0060A10 * | N | TXH063P3-B | N | NO | 2000 | 10.50 | 63000 | 56500 | 7.90 | 3.28 |

FI - FACTORY INSTALLED

B - BLEED TXV

NB - NON-BLEED TXV

* - START KIT REQUIRED



Performance Data Cooling

2TWB0012A1

2TWB0012A1 WITH TWE018C14 AT 400 CFM

| O.D. D.B. | I.D. W.B. | TOT. CAP. | SENS. CAP. AT ENTERING D.B. TEMP. | | | | TOTAL KW |
|--------------|--------------|--------------|-----------------------------------|------|------|------|-------------|
| | | | 72 | 75 | 78 | 80 | |
| 85 | 59 | 12.6 | 9.0 | 10.0 | 11.0 | 11.7 | 1.23 |
| | 63 | 13.7 | 7.8 | 8.8 | 9.8 | 10.4 | 1.25 |
| | 67 | 14.8 | 6.4 | 7.4 | 8.4 | 9.0 | 1.27 |
| | 71 | 16.0 | 4.9 | 5.9 | 6.9 | 7.6 | 1.29 |
| 95 | 59 | 12.4 | 8.9 | 9.9 | 10.9 | 11.6 | 1.34 |
| | 63 | 13.4 | 7.6 | 8.7 | 9.6 | 10.3 | 1.35 |
| | 67 | 14.4 | 6.2 | 7.2 | 8.2 | 8.9 | 1.36 |
| | 71 | 15.5 | 4.7 | 5.8 | 6.7 | 7.4 | 1.38 |
| 105 | 59 | 11.9 | 8.7 | 9.7 | 10.7 | 11.4 | 1.46 |
| | 63 | 12.8 | 7.4 | 8.4 | 9.4 | 10.1 | 1.46 |
| | 67 | 13.8 | 6.0 | 7.0 | 8.0 | 8.6 | 1.47 |
| | 71 | 14.7 | 4.5 | 5.5 | 6.5 | 7.1 | 1.48 |
| 115 | 59 | 11.4 | 8.5 | 9.5 | 10.5 | 11.2 | 1.57 |
| | 63 | 12.3 | 7.2 | 8.2 | 9.2 | 9.8 | 1.57 |
| | 67 | 13.1 | 5.7 | 6.8 | 7.7 | 8.4 | 1.58 |
| | 71 | 14.0 | 4.2 | 5.3 | 6.2 | 6.9 | 1.58 |

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH | MBTUH | SYST |
|--------------|-------|-----|-------|-------|------|
| | | | TOT | SEN | KW |
| TWE018C14 | RATED | 400 | 1.00 | 1.00 | 1.00 |
| | LOW | 350 | 0.97 | 0.94 | 1.02 |
| | HIGH | 450 | 1.03 | 1.06 | 0.98 |
| TWG018A14 | RATED | 450 | 1.00 | 1.10 | 1.03 |
| | LOW | 400 | 0.97 | 1.05 | 1.04 |
| | HIGH | 500 | 1.02 | 1.16 | 1.02 |
| TWG025A14 | RATED | 450 | 1.02 | 1.11 | 1.05 |
| | LOW | 400 | 0.99 | 1.05 | 1.06 |
| | HIGH | 500 | 1.04 | 1.17 | 1.04 |

CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)

| AIRFLOW | TOTAL CAPACITY | SENSIBLE CAPACITY |
|---------|----------------|-------------------|
| LOW | 350 | 0.97 |
| HIGH | 450 | 1.03 |

NOTE: ALL TABLES ABOVE ARE AT ARI RATING CONDITIONS RATED WITH 25 FEET OF REFRIGERANT LINES.
 * DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
 TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL. ALL TEMPERATURES IN DEGREES F.

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH | MBTUH | SYST |
|--------------|-------|-----|-------|-------|------|
| | | | TOT | SEN | KW |
| TVF018A14 | RATED | 450 | 1.05 | 1.15 | 1.05 |
| | LOW | 400 | 1.02 | 1.08 | 1.06 |
| | HIGH | 500 | 1.07 | 1.22 | 1.04 |
| TVF024A14 | RATED | 450 | 1.02 | 1.12 | 1.11 |
| | LOW | 400 | 1.00 | 1.05 | 1.12 |
| | HIGH | 500 | 1.05 | 1.17 | 1.10 |
| TVF025A14 | RATED | 450 | 1.04 | 1.14 | 1.09 |
| | LOW | 400 | 1.02 | 1.07 | 1.10 |
| | HIGH | 500 | 1.06 | 1.20 | 1.08 |



Performance Data Cooling

2TWB0018A1

2TWB0018A1 WITH TWE018C14 AT 600 CFM

| O.D. D.B. | I.D. W.B. | TOT. CAP. | SENS. CAP. AT ENTERING D.B. TEMP. | | | | TOTAL KW |
|--------------|--------------|--------------|-----------------------------------|------|-------|-------|-------------|
| | | | 72 | 75 | 78 | 80 | |
| 85 | 59 | 16.0 | 13.5 | 15.1 | 16.3* | 16.7* | 1.53 |
| | 63 | 17.3 | 11.4 | 13.1 | 14.6 | 15.7 | 1.56 |
| | 67 | 18.7 | 9.2 | 10.8 | 12.4 | 13.4 | 1.58 |
| | 71 | 20.2 | 6.9 | 8.5 | 10.0 | 11.1 | 1.61 |
| 95 | 59 | 15.7 | 13.3 | 14.9 | 16.0* | 16.4* | 1.67 |
| | 63 | 17.0 | 11.3 | 12.9 | 14.5 | 15.5 | 1.68 |
| | 67 | 18.4 | 9.0 | 10.7 | 12.2 | 13.3 | 1.70 |
| | 71 | 19.8 | 6.7 | 8.4 | 9.9 | 11.0 | 1.72 |
| 105 | 59 | 14.6 | 12.8 | 14.3 | 15.2* | 15.6* | 1.78 |
| | 63 | 15.9 | 10.8 | 12.4 | 14.0 | 15.1 | 1.79 |
| | 67 | 17.2 | 8.6 | 10.2 | 11.7 | 12.8 | 1.81 |
| | 71 | 18.6 | 6.3 | 7.9 | 9.4 | 10.5 | 1.82 |
| 115 | 59 | 13.6 | 12.3 | 13.7 | 14.3* | 14.7* | 1.90 |
| | 63 | 14.8 | 10.3 | 12.0 | 13.5 | 14.6 | 1.90 |
| | 67 | 16.0 | 8.1 | 9.7 | 11.3 | 12.3 | 1.91 |
| | 71 | 17.3 | 5.8 | 7.4 | 9.0 | 10.0 | 1.91 |

CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)

| AIRFLOW | TOTAL CAPACITY | SENSIBLE CAPACITY |
|---------|----------------|-------------------|
| LOW | 525 | 0.98 |
| HIGH | 675 | 1.02 |

NOTE: ALL TABLES ABOVE ARE AT ARI RATING CONDITIONS RATED WITH 25 FEET OF REFRIGERANT LINES.
 * DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
 TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL. ALL TEMPERATURES IN DEGREES F.

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH | MBTUH | SYST |
|--------------|-------|-----|-------|-------|------|
| | | | TOT | SEN | KW |
| TWE024C14 | RATED | 700 | 0.99 | 1.02 | 1.07 |
| | LOW | 600 | 0.97 | 0.95 | 1.08 |
| | HIGH | 800 | 1.00 | 1.08 | 1.06 |
| TWG018A14 | RATED | 600 | 0.99 | 1.01 | 1.03 |
| | LOW | 525 | 0.97 | 0.95 | 1.04 |
| | HIGH | 675 | 1.01 | 1.06 | 1.02 |
| TWG025A14 | RATED | 700 | 1.04 | 1.10 | 1.07 |
| | LOW | 600 | 1.02 | 1.02 | 1.08 |
| | HIGH | 800 | 1.05 | 1.16 | 1.06 |

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH | MBTUH | SYST |
|--------------|-------|-----|-------|-------|------|
| | | | TOT | SEN | KW |
| TVF018A14 | RATED | 600 | 1.04 | 1.06 | 1.04 |
| | LOW | 525 | 1.02 | 1.00 | 1.05 |
| | HIGH | 675 | 1.07 | 1.13 | 1.03 |
| TVF024A14 | RATED | 700 | 1.05 | 1.12 | 1.09 |
| | LOW | 600 | 1.03 | 1.04 | 1.10 |
| | HIGH | 800 | 1.06 | 1.20 | 1.08 |
| TWE018C14 | RATED | 600 | 1.00 | 1.00 | 1.00 |
| | LOW | 525 | 0.98 | 0.94 | 1.01 |
| | HIGH | 675 | 1.02 | 1.05 | 0.99 |



Performance Data Cooling

2TWB0024A1

2TWB0024A1 WITH TWE024C14 AT 800 CFM

| O.D. D.B. | I.D. W.B. | TOT. CAP. | SENS. CAP. AT ENTERING D.B. TEMP. | | | | TOTAL KW |
|--------------|--------------|--------------|-----------------------------------|------|-------|-------|-------------|
| | | | 72 | 75 | 78 | 80 | |
| 85 | 59 | 20.8 | 17.0 | 19.0 | 20.8* | 21.4* | 2.23 |
| | 63 | 22.5 | 14.4 | 16.5 | 18.4 | 19.7 | 2.28 |
| | 67 | 24.4 | 11.6 | 13.6 | 15.6 | 16.9 | 2.33 |
| | 71 | 26.3 | 8.7 | 10.7 | 12.7 | 14.0 | 2.39 |
| 95 | 59 | 20.4 | 16.8 | 18.8 | 20.6* | 21.2* | 2.42 |
| | 63 | 22.2 | 14.3 | 16.3 | 18.3 | 19.6 | 2.46 |
| | 67 | 24.0 | 11.4 | 13.5 | 15.4 | 16.7 | 2.51 |
| | 71 | 25.9 | 8.5 | 10.5 | 12.5 | 13.8 | 2.56 |
| 105 | 59 | 19.1 | 16.2 | 18.2 | 19.5* | 20.1* | 2.58 |
| | 63 | 20.7 | 13.7 | 15.7 | 17.6 | 19.0 | 2.62 |
| | 67 | 22.5 | 10.8 | 12.8 | 14.8 | 16.1 | 2.66 |
| | 71 | 24.2 | 7.9 | 9.9 | 11.9 | 13.2 | 2.70 |
| 115 | 59 | 17.7 | 15.6 | 17.4 | 18.5* | 19.0* | 2.75 |
| | 63 | 19.3 | 13.0 | 15.1 | 17.0 | 18.4 | 2.78 |
| | 67 | 20.9 | 10.2 | 12.2 | 14.2 | 15.5 | 2.81 |
| | 71 | 22.6 | 7.3 | 9.3 | 11.3 | 12.6 | 2.84 |

CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)

| AIRFLOW | TOTAL CAPACITY | SENSIBLE CAPACITY |
|---------|----------------|-------------------|
| LOW | 0.98 | 0.94 |
| HIGH | 1.02 | 1.05 |

NOTE: ALL TABLES ABOVE ARE AT ARI RATING CONDITIONS RATED WITH 25 FEET OF REFRIGERANT LINES.
 * DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
 TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL. ALL TEMPERATURES IN DEGREES F.

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH | MBTUH | SYST |
|--------------|-------|------|-------|-------|------|
| | | | TOT | SEN | KW |
| TVF018A14 | RATED | 700 | 1.05 | 1.05 | 1.03 |
| | LOW | 600 | 1.02 | 0.97 | 1.04 |
| | HIGH | 800 | 1.07 | 1.11 | 1.00 |
| TVF024A14 | RATED | 800 | 1.06 | 1.10 | 1.04 |
| | LOW | 700 | 1.04 | 1.04 | 1.05 |
| | HIGH | 900 | 1.08 | 1.17 | 1.03 |
| TVF025A14 | RATED | 800 | 1.08 | 1.11 | 1.03 |
| | LOW | 700 | 1.05 | 1.05 | 1.04 |
| | HIGH | 900 | 1.10 | 1.18 | 1.02 |
| TVF030A14 | RATED | 900 | 1.11 | 1.19 | 1.06 |
| | LOW | 775 | 1.09 | 1.10 | 1.08 |
| | HIGH | 1025 | 1.12 | 1.26 | 1.04 |

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH | MBTUH | SYST |
|--------------|-------|------|-------|-------|------|
| | | | TOT | SEN | KW |
| TWE018C14 | RATED | 700 | 1.00 | 0.98 | 0.99 |
| | LOW | 600 | 0.97 | 0.92 | 1.00 |
| | HIGH | 800 | 1.02 | 1.04 | 0.97 |
| TWE024C14 | RATED | 800 | 1.00 | 1.00 | 1.00 |
| | LOW | 700 | 0.98 | 0.94 | 1.01 |
| | HIGH | 900 | 1.02 | 1.05 | 0.99 |
| TWE030C14 | RATED | 900 | 1.06 | 1.11 | 1.04 |
| | LOW | 775 | 1.04 | 1.04 | 1.05 |
| | HIGH | 1025 | 1.08 | 1.18 | 1.03 |
| TWG018A14 | RATED | 700 | 0.97 | 0.98 | 0.98 |
| | LOW | 600 | 0.94 | 0.92 | 0.99 |
| | HIGH | 800 | 0.99 | 1.04 | 0.96 |
| TWG025A14 | RATED | 800 | 1.05 | 1.08 | 1.01 |
| | LOW | 700 | 1.03 | 1.02 | 1.03 |
| | HIGH | 900 | 1.07 | 1.14 | 1.00 |
| TWG030A14 | RATED | 900 | 1.06 | 1.12 | 1.05 |
| | LOW | 775 | 1.04 | 1.06 | 1.06 |
| | HIGH | 1025 | 1.07 | 1.19 | 1.04 |
| TXA024C4 | RATED | 800 | 1.02 | 1.03 | 1.03 |
| | LOW | 700 | 0.99 | 0.97 | 1.04 |
| | HIGH | 900 | 1.04 | 1.08 | 1.01 |
| TXA025C4 | RATED | 800 | 1.04 | 1.06 | 1.04 |
| | LOW | 700 | 1.02 | 0.99 | 1.05 |
| | HIGH | 900 | 1.06 | 1.11 | 1.03 |
| TXC024C4 | RATED | 800 | 1.02 | 1.03 | 1.03 |
| | LOW | 700 | 0.99 | 0.97 | 1.04 |
| | HIGH | 900 | 1.04 | 1.08 | 1.01 |
| TXC024D4 | RATED | 800 | 1.02 | 1.03 | 1.03 |
| | LOW | 700 | 0.99 | 0.97 | 1.04 |
| | HIGH | 900 | 1.04 | 1.08 | 1.01 |
| TXC025C4 | RATED | 800 | 1.04 | 1.06 | 1.04 |
| | LOW | 700 | 1.02 | 0.99 | 1.05 |
| | HIGH | 900 | 1.06 | 1.11 | 1.03 |
| TXC025D4 | RATED | 800 | 1.04 | 1.06 | 1.04 |
| | LOW | 700 | 1.02 | 0.99 | 1.05 |
| | HIGH | 900 | 1.06 | 1.11 | 1.03 |
| TXH025A4 | RATED | 800 | 1.02 | 1.03 | 1.03 |
| | LOW | 700 | 1.00 | 0.98 | 1.04 |
| | HIGH | 900 | 1.04 | 1.08 | 1.02 |



Performance Data Cooling

2TWB0030A1

2TWB0030A1 WITH TWE030C14 AT 1000 CFM

| O.D. D.B. | I.D. W.B. | TOT. CAP. | SENS. CAP. AT ENTERING D.B. TEMP. | | | | TOTAL KW |
|--------------|--------------|--------------|-----------------------------------|------|-------|-------|-------------|
| | | | 72 | 75 | 78 | 80 | |
| 85 | 59 | 25.4 | 21.5 | 24.2 | 25.9* | 26.6* | 2.68 |
| | 63 | 27.5 | 18.1 | 20.8 | 23.4 | 25.2 | 2.73 |
| | 67 | 29.7 | 14.3 | 17.0 | 19.6 | 21.4 | 2.79 |
| | 71 | 32.0 | 10.4 | 13.1 | 15.7 | 17.5 | 2.84 |
| 95 | 59 | 24.9 | 21.3 | 24.0 | 25.6* | 26.3* | 2.92 |
| | 63 | 27.0 | 17.9 | 20.6 | 23.2 | 25.0 | 2.96 |
| | 67 | 29.2 | 14.1 | 16.8 | 19.4 | 21.2 | 3.01 |
| | 71 | 31.5 | 10.2 | 12.9 | 15.5 | 17.3 | 3.06 |
| 105 | 59 | 23.2 | 20.5 | 22.9 | 24.2* | 24.8* | 3.13 |
| | 63 | 25.2 | 17.1 | 19.8 | 22.4 | 24.2 | 3.16 |
| | 67 | 27.2 | 13.3 | 16.0 | 18.6 | 20.4 | 3.20 |
| | 71 | 29.3 | 9.4 | 12.1 | 14.7 | 16.5 | 3.24 |
| 115 | 59 | 21.5 | 19.8 | 21.9 | 22.8* | 23.4* | 3.34 |
| | 63 | 23.3 | 16.3 | 19.0 | 21.7 | 23.4* | 3.37 |
| | 67 | 25.2 | 12.5 | 15.2 | 17.9 | 19.6 | 3.40 |
| | 71 | 27.2 | 8.6 | 11.3 | 14.0 | 15.7 | 3.42 |

CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)

| AIRFLOW | TOTAL CAPACITY | SENSIBLE CAPACITY |
|---------|----------------|-------------------|
| LOW | 0.98 | 0.94 |
| HIGH | 1.02 | 1.05 |

NOTE: ALL TABLES ABOVE ARE AT ARI RATING CONDITIONS RATED WITH 25 FEET OF REFRIGERANT LINES.
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL. ALL TEMPERATURES IN DEGREES F.

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH TOT | MBTUH SEN | SYST KW |
|--------------|-------|------|--------------|--------------|------------|
| TVF024A14 | RATED | 800 | 0.99 | 0.95 | 0.99 |
| | LOW | 700 | 0.96 | 0.89 | 1.00 |
| | HIGH | 900 | 1.01 | 1.00 | 0.98 |
| TVF025A14 | RATED | 900 | 1.01 | 1.00 | 1.01 |
| | LOW | 775 | 0.98 | 0.93 | 1.02 |
| | HIGH | 1025 | 1.03 | 1.06 | 1.00 |
| TVF030A14 | RATED | 1000 | 1.04 | 1.06 | 1.02 |
| | LOW | 875 | 1.02 | 1.00 | 1.03 |
| | HIGH | 1125 | 1.06 | 1.13 | 1.01 |
| TVF036A14 | RATED | 1100 | 1.07 | 1.12 | 1.06 |
| | LOW | 950 | 1.05 | 1.04 | 1.07 |
| | HIGH | 1250 | 1.09 | 1.18 | 1.05 |

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH TOT | MBTUH SEN | SYST KW |
|--------------|-------|------|--------------|--------------|------------|
| TWE024C14 | RATED | 900 | 0.95 | 0.90 | 0.97 |
| | LOW | 775 | 0.92 | 0.85 | 0.98 |
| | HIGH | 1025 | 0.97 | 0.96 | 0.96 |
| TWE030C14 | RATED | 1000 | 1.00 | 1.00 | 1.00 |
| | LOW | 875 | 0.98 | 0.94 | 1.01 |
| | HIGH | 1125 | 1.02 | 1.05 | 0.99 |
| TWE036C14 | RATED | 1100 | 1.05 | 1.09 | 1.04 |
| | LOW | 950 | 1.03 | 1.02 | 1.05 |
| | HIGH | 1250 | 1.06 | 1.15 | 1.03 |
| TWG025A14 | RATED | 900 | 0.96 | 0.96 | 0.97 |
| | LOW | 775 | 0.93 | 0.90 | 0.98 |
| | HIGH | 1025 | 0.98 | 1.02 | 0.96 |
| TWG030A14 | RATED | 1000 | 1.00 | 1.01 | 1.01 |
| | LOW | 875 | 0.98 | 0.96 | 1.02 |
| | HIGH | 1125 | 1.01 | 1.06 | 1.00 |
| TWG036A14 | RATED | 1100 | 1.03 | 1.07 | 1.03 |
| | LOW | 950 | 1.01 | 1.01 | 1.04 |
| | HIGH | 1250 | 1.04 | 1.13 | 1.02 |
| TXA030C4 | RATED | 1000 | 1.01 | 1.00 | 1.02 |
| | LOW | 875 | 0.99 | 0.94 | 1.03 |
| | HIGH | 1125 | 1.03 | 1.05 | 1.01 |
| TXA031C4 | RATED | 1000 | 1.01 | 1.02 | 1.02 |
| | LOW | 875 | 0.99 | 0.95 | 1.03 |
| | HIGH | 1125 | 1.03 | 1.07 | 1.01 |
| TXC030C4 | RATED | 1000 | 1.01 | 1.00 | 1.02 |
| | LOW | 875 | 0.99 | 0.94 | 1.03 |
| | HIGH | 1125 | 1.03 | 1.05 | 1.01 |
| TXC030D4 | RATED | 1000 | 1.01 | 1.00 | 1.02 |
| | LOW | 875 | 0.99 | 0.94 | 1.03 |
| | HIGH | 1125 | 1.03 | 1.05 | 1.01 |
| TXC031C4 | RATED | 1000 | 1.01 | 1.02 | 1.02 |
| | LOW | 875 | 0.99 | 0.95 | 1.03 |
| | HIGH | 1125 | 1.03 | 1.07 | 1.01 |
| TXC031D4 | RATED | 1000 | 1.01 | 1.02 | 1.02 |
| | LOW | 875 | 0.99 | 0.95 | 1.03 |
| | HIGH | 1125 | 1.03 | 1.07 | 1.01 |
| TXH025A4 | RATED | 900 | 0.96 | 0.93 | 0.99 |
| | LOW | 775 | 0.93 | 0.87 | 1.00 |
| | HIGH | 1025 | 0.98 | 0.98 | 0.98 |
| TXH033A4 | RATED | 1000 | 1.01 | 1.04 | 1.02 |
| | LOW | 875 | 0.99 | 0.97 | 1.03 |
| | HIGH | 1125 | 1.03 | 1.09 | 1.01 |



Performance Data Cooling

2TWB0036A1

2TWB0036A1 WITH TWE036C14 AT 1200 CFM

| O.D. D.B. | I.D. W.B. | TOT. CAP. | SENS. CAP. AT ENTERING D.B. TEMP. | | | | TOTAL KW |
|--------------|--------------|--------------|-----------------------------------|------|-------|-------|-------------|
| | | | 72 | 75 | 78 | 80 | |
| 85 | 59 | 29.9 | 26.3 | 29.4 | 31.0* | 31.7* | 3.21 |
| | 63 | 32.2 | 22.0 | 25.3 | 28.6 | 30.7 | 3.29 |
| | 67 | 34.7 | 17.3 | 20.5 | 23.8 | 26.0 | 3.38 |
| | 71 | 37.2 | 12.4 | 15.7 | 19.0 | 21.1 | 3.46 |
| 95 | 59 | 29.3 | 26.0 | 29.0 | 30.5* | 31.2* | 3.49 |
| | 63 | 31.6 | 21.7 | 25.0 | 28.3 | 30.5 | 3.57 |
| | 67 | 34.0 | 17.0 | 20.3 | 23.5 | 25.7 | 3.66 |
| | 71 | 36.5 | 12.1 | 15.4 | 18.7 | 20.9 | 3.74 |
| 105 | 59 | 27.3 | 25.1 | 27.6 | 28.7* | 29.4* | 3.73 |
| | 63 | 29.4 | 20.8 | 24.1 | 27.3 | 29.4* | 3.81 |
| | 67 | 31.6 | 16.0 | 19.3 | 22.6 | 24.8 | 3.89 |
| | 71 | 34.0 | 11.2 | 14.5 | 17.7 | 19.9 | 3.97 |
| 115 | 59 | 25.2 | 24.1 | 26.0 | 27.0* | 27.6* | 3.97 |
| | 63 | 27.2 | 19.8 | 23.1 | 26.4 | 27.6* | 4.05 |
| | 67 | 29.3 | 15.1 | 18.4 | 21.6 | 23.8 | 4.12 |
| | 71 | 31.4 | 10.3 | 13.5 | 16.8 | 19.0 | 4.20 |

CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)

| AIRFLOW | TOTAL CAPACITY | SENSIBLE CAPACITY |
|---------|----------------|-------------------|
| LOW | 1050 | 0.98 |
| HIGH | 1350 | 1.01 |

NOTE: ALL TABLES ABOVE ARE AT ARI RATING CONDITIONS RATED WITH 25 FEET OF REFRIGERANT LINES.
 * DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
 TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL. ALL TEMPERATURES IN DEGREES F.

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH | MBTUH | SYST |
|--------------|-------|------|-------|-------|------|
| | | | TOT | SEN | KW |
| TVF030A14 | RATED | 1100 | 0.97 | 0.96 | 0.98 |
| | LOW | 950 | 0.95 | 0.90 | 0.99 |
| | HIGH | 1250 | 0.98 | 1.02 | 0.97 |
| TVF036A14 | RATED | 1200 | 1.00 | 1.01 | 1.00 |
| | LOW | 1050 | 0.98 | 0.95 | 1.01 |
| | HIGH | 1350 | 1.02 | 1.07 | 0.99 |
| TWE030C14 | RATED | 900 | 0.91 | 0.84 | 0.92 |
| | LOW | 775 | 0.88 | 0.79 | 0.93 |
| | HIGH | 1025 | 0.93 | 0.89 | 0.91 |

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH | MBTUH | SYST |
|--------------|-------|------|-------|-------|------|
| | | | TOT | SEN | KW |
| TWE036C14 | RATED | 1200 | 1.00 | 1.00 | 1.00 |
| | LOW | 1050 | 0.98 | 0.95 | 1.01 |
| | HIGH | 1350 | 1.01 | 1.05 | 0.99 |
| TWE042C14 | RATED | 1400 | 1.01 | 1.08 | 1.03 |
| | LOW | 1225 | 1.00 | 1.01 | 1.04 |
| | HIGH | 1575 | 1.02 | 1.13 | 1.02 |
| TWG030A14 | RATED | 1100 | 0.93 | 0.92 | 0.94 |
| | LOW | 950 | 0.92 | 0.86 | 0.95 |
| | HIGH | 1250 | 0.94 | 0.96 | 0.93 |
| TWG036A14 | RATED | 1200 | 0.96 | 0.97 | 1.00 |
| | LOW | 1050 | 0.94 | 0.92 | 1.01 |
| | HIGH | 1350 | 0.97 | 1.02 | 0.99 |
| TWG037A14 | RATED | 1200 | 0.97 | 0.97 | 0.97 |
| | LOW | 1050 | 0.95 | 0.92 | 0.98 |
| | HIGH | 1350 | 0.98 | 1.02 | 0.96 |
| TWG042A14 | RATED | 1400 | 0.97 | 1.04 | 1.00 |
| | LOW | 1225 | 0.96 | 0.97 | 1.01 |
| | HIGH | 1575 | 0.98 | 1.09 | 0.99 |
| TXA036C4 | RATED | 1200 | 0.99 | 0.98 | 0.99 |
| | LOW | 1050 | 0.97 | 0.92 | 1.00 |
| | HIGH | 1350 | 1.00 | 1.02 | 0.98 |
| TXA037C4 | RATED | 1200 | 0.99 | 0.98 | 0.99 |
| | LOW | 1050 | 0.97 | 0.92 | 1.00 |
| | HIGH | 1350 | 1.00 | 1.02 | 0.98 |
| TXC036C4 | RATED | 1200 | 0.99 | 0.98 | 0.99 |
| | LOW | 1050 | 0.97 | 0.92 | 1.00 |
| | HIGH | 1350 | 1.00 | 1.02 | 0.98 |
| TXC036D4 | RATED | 1200 | 0.99 | 0.98 | 0.99 |
| | LOW | 1050 | 0.97 | 0.92 | 1.00 |
| | HIGH | 1350 | 1.00 | 1.02 | 0.98 |
| TXC037C4 | RATED | 1200 | 0.99 | 0.98 | 0.99 |
| | LOW | 1050 | 0.97 | 0.92 | 1.00 |
| | HIGH | 1350 | 1.00 | 1.02 | 0.98 |
| TXH041A4 | RATED | 1400 | 1.03 | 1.09 | 1.03 |
| | LOW | 1225 | 1.02 | 1.02 | 1.04 |
| | HIGH | 1575 | 1.04 | 1.15 | 1.02 |



Performance Data Cooling

2TWB0042A1

2TWB0042A1 WITH TWE042C14 AT 1400 CFM

| O.D. D.B. | I.D. W.B. | TOT. CAP. | SENS. CAP. AT ENTERING D.B. TEMP. | | | | TOTAL KW |
|--------------|--------------|--------------|-----------------------------------|------|-------|-------|-------------|
| | | | 72 | 75 | 78 | 80 | |
| 85 | 59 | 35.5 | 31.0 | 34.7 | 36.7* | 37.6* | 3.57 |
| | 63 | 38.4 | 26.1 | 29.9 | 33.7 | 36.3 | 3.65 |
| | 67 | 41.4 | 20.5 | 24.4 | 28.2 | 30.8 | 3.74 |
| | 71 | 44.5 | 14.9 | 18.7 | 22.6 | 25.1 | 3.83 |
| 95 | 59 | 34.7 | 30.7 | 34.2 | 36.1* | 37.0* | 3.92 |
| | 63 | 37.5 | 25.7 | 29.6 | 33.4 | 36.0 | 3.99 |
| | 67 | 40.5 | 20.2 | 24.0 | 27.9 | 30.4 | 4.07 |
| | 71 | 43.6 | 14.5 | 18.4 | 22.2 | 24.8 | 4.15 |
| 105 | 59 | 32.0 | 29.4 | 32.5 | 33.8* | 34.7* | 4.22 |
| | 63 | 34.7 | 24.4 | 28.3 | 32.1 | 34.7* | 4.29 |
| | 67 | 37.4 | 18.9 | 22.8 | 26.6 | 29.2 | 4.35 |
| | 71 | 40.2 | 13.3 | 17.1 | 20.9 | 23.5 | 4.42 |
| 115 | 59 | 29.3 | 28.2 | 30.3 | 31.5* | 32.3* | 4.53 |
| | 63 | 31.8 | 23.2 | 27.1 | 30.9 | 32.3* | 4.58 |
| | 67 | 34.3 | 17.7 | 21.5 | 25.3 | 27.9 | 4.63 |
| | 71 | 36.9 | 12.0 | 15.9 | 19.7 | 22.3 | 4.68 |

CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)

| AIRFLOW | TOTAL CAPACITY | SENSIBLE CAPACITY |
|---------|----------------|-------------------|
| LOW | 1225 | 0.98 |
| HIGH | 1575 | 1.01 |

NOTE: ALL TABLES ABOVE ARE AT ARI RATING CONDITIONS RATED WITH 25 FEET OF REFRIGERANT LINES.
 * DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
 TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL. ALL TEMPERATURES IN DEGREES F.

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH | MBTUH | SYST |
|--------------|-------|------|-------|-------|------|
| | | | TOT | SEN | KW |
| TVF036A14 | RATED | 1400 | 0.98 | 0.99 | 1.01 |
| | LOW | 1225 | 0.96 | 0.93 | 1.02 |
| | HIGH | 1575 | 0.99 | 1.05 | 1.00 |
| TWE036C14 | RATED | 1400 | 0.95 | 0.96 | 0.99 |
| | LOW | 1225 | 0.93 | 0.91 | 1.00 |
| | HIGH | 1575 | 0.96 | 1.00 | 0.98 |
| TWE042C14 | RATED | 1400 | 1.00 | 1.00 | 1.00 |
| | LOW | 1225 | 0.98 | 0.94 | 1.01 |
| | HIGH | 1575 | 1.01 | 1.05 | 0.99 |

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH | MBTUH | SYST |
|--------------|-------|------|-------|-------|------|
| | | | TOT | SEN | KW |
| TWE048C14 | RATED | 1600 | 1.01 | 1.06 | 1.03 |
| | LOW | 1400 | 0.99 | 1.00 | 1.04 |
| | HIGH | 1800 | 1.02 | 1.11 | 1.02 |
| TWE060A | RATED | 1600 | 1.02 | 1.05 | 0.98 |
| | LOW | 1400 | 1.00 | 0.99 | 0.99 |
| | HIGH | 1800 | 1.03 | 1.11 | 0.97 |
| TWG037A14 | RATED | 1300 | 0.93 | 0.92 | 0.96 |
| | LOW | 1125 | 0.91 | 0.86 | 0.96 |
| | HIGH | 1475 | 0.95 | 0.96 | 0.95 |
| TWG042A14 | RATED | 1400 | 0.94 | 0.93 | 0.96 |
| | LOW | 1225 | 0.92 | 0.87 | 0.97 |
| | HIGH | 1575 | 0.95 | 0.97 | 0.95 |
| TWG048A14 | RATED | 1600 | 1.01 | 1.06 | 1.02 |
| | LOW | 1400 | 0.99 | 1.00 | 1.03 |
| | HIGH | 1800 | 1.02 | 1.11 | 1.01 |
| TXA042C4 | RATED | 1200 | 0.95 | 0.90 | 0.95 |
| | LOW | 1050 | 0.92 | 0.85 | 0.96 |
| | HIGH | 1350 | 0.97 | 0.95 | 0.94 |
| TXA043C4 | RATED | 1400 | 0.97 | 0.96 | 0.98 |
| | LOW | 1225 | 0.95 | 0.91 | 0.99 |
| | HIGH | 1575 | 0.98 | 1.01 | 0.97 |
| TXC042C4 | RATED | 1200 | 0.95 | 0.90 | 0.95 |
| | LOW | 1050 | 0.92 | 0.85 | 0.96 |
| | HIGH | 1350 | 0.97 | 0.95 | 0.94 |
| TXC043C4 | RATED | 1400 | 0.97 | 0.96 | 0.98 |
| | LOW | 1225 | 0.95 | 0.91 | 0.99 |
| | HIGH | 1575 | 0.98 | 1.01 | 0.97 |
| TXH041A4 | RATED | 1400 | 1.00 | 1.00 | 0.99 |
| | LOW | 1225 | 0.98 | 0.94 | 1.00 |
| | HIGH | 1575 | 1.01 | 1.05 | 0.98 |



Performance Data Cooling

2TWB0048A1

2TWB0048A1 WITH TWE048C14 AT 1600 CFM

| O.D. D.B. | I.D. W.B. | TOT. CAP. | SENS. CAP. AT ENTERING D.B. TEMP. | | | | TOTAL KW |
|--------------|--------------|--------------|-----------------------------------|------|-------|-------|-------------|
| | | | 72 | 75 | 78 | 80 | |
| 85 | 59 | 39.8 | 35.0 | 39.2 | 41.4* | 42.5* | 4.11 |
| | 63 | 43.2 | 29.4 | 33.8 | 38.2 | 41.2 | 4.22 |
| | 67 | 46.8 | 23.0 | 27.5 | 31.9 | 34.9 | 4.33 |
| | 71 | 50.4 | 16.6 | 21.0 | 25.5 | 28.4 | 4.45 |
| 95 | 59 | 38.8 | 34.5 | 38.5 | 40.5* | 41.6* | 4.48 |
| | 63 | 42.1 | 28.9 | 33.3 | 37.7 | 40.7 | 4.58 |
| | 67 | 45.5 | 22.5 | 27.0 | 31.4 | 34.4 | 4.69 |
| | 71 | 49.1 | 16.1 | 20.5 | 24.9 | 27.9 | 4.80 |
| 105 | 59 | 35.8 | 33.2 | 36.5 | 38.0* | 39.0* | 4.82 |
| | 63 | 38.8 | 27.5 | 31.9 | 36.3 | 39.0* | 4.92 |
| | 67 | 42.0 | 21.1 | 25.6 | 30.0 | 33.0 | 5.02 |
| | 71 | 45.3 | 14.7 | 19.1 | 23.5 | 26.5 | 5.12 |
| 115 | 59 | 32.8 | 31.8 | 33.9 | 35.4* | 36.3* | 5.17 |
| | 63 | 35.6 | 26.1 | 30.5 | 34.9 | 36.3* | 5.25 |
| | 67 | 38.5 | 19.7 | 24.2 | 28.6 | 31.6 | 5.34 |
| | 71 | 41.5 | 13.3 | 17.7 | 22.2 | 25.1 | 5.43 |

CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)

| AIRFLOW | TOTAL CAPACITY | SENSIBLE CAPACITY |
|---------|----------------|-------------------|
| LOW | 1400 | 0.98 |
| HIGH | 1800 | 1.01 |

NOTE: ALL TABLES ABOVE ARE AT ARI RATING CONDITIONS RATED WITH 25 FEET OF REFRIGERANT LINES.
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL. ALL TEMPERATURES IN DEGREES F.

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH TOT | MBTUH SEN | SYST KW |
|--------------|-------|------|--------------|--------------|------------|
| | | | | | |
| | LOW | 1400 | 0.95 | 0.91 | 1.00 |
| | HIGH | 1800 | 0.98 | 1.02 | 0.98 |
| TWE048C14 | RATED | 1600 | 1.00 | 1.00 | 1.00 |
| | LOW | 1400 | 0.98 | 0.94 | 1.01 |
| | HIGH | 1800 | 1.01 | 1.05 | 0.99 |
| TWE060A | RATED | 1800 | 1.03 | 1.05 | 0.98 |
| | LOW | 1575 | 1.01 | 0.99 | 0.99 |
| | HIGH | 2025 | 1.04 | 1.10 | 0.97 |

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH TOT | MBTUH SEN | SYST KW |
|--------------------|-------|------|--------------|--------------|------------|
| | | | | | |
| | LOW | 1575 | 1.03 | 1.00 | 1.08 |
| | HIGH | 2025 | 1.05 | 1.12 | 1.05 |
| TWG042A14+TAYTXV-3 | RATED | 1500 | 0.94 | 0.90 | 0.95 |
| | LOW | 1300 | 0.92 | 0.85 | 0.96 |
| | HIGH | 1700 | 0.95 | 0.94 | 0.94 |
| TWG048A14 | RATED | 1600 | 0.99 | 0.99 | 0.98 |
| | LOW | 1400 | 0.97 | 0.93 | 0.99 |
| | HIGH | 1800 | 1.00 | 1.04 | 0.97 |
| TWG060A15 | RATED | 1800 | 1.04 | 1.07 | 1.04 |
| | LOW | 1575 | 1.02 | 1.00 | 1.05 |
| | HIGH | 2025 | 1.05 | 1.12 | 1.03 |
| TXA048C4 | RATED | 1400 | 0.97 | 0.92 | 0.95 |
| | LOW | 1225 | 0.94 | 0.87 | 0.96 |
| | HIGH | 1575 | 0.98 | 0.98 | 0.94 |
| TXA049C4 | RATED | 1600 | 0.99 | 0.98 | 0.98 |
| | LOW | 1400 | 0.97 | 0.92 | 0.99 |
| | HIGH | 1800 | 1.01 | 1.04 | 0.97 |
| TXC048C4 | RATED | 1400 | 0.97 | 0.92 | 0.95 |
| | LOW | 1225 | 0.94 | 0.87 | 0.96 |
| | HIGH | 1575 | 0.98 | 0.98 | 0.94 |
| TXC049C4 | RATED | 1600 | 0.99 | 0.98 | 0.98 |
| | LOW | 1400 | 0.97 | 0.92 | 0.99 |
| | HIGH | 1800 | 1.01 | 1.04 | 0.97 |
| TXC050C4 | RATED | 1600 | 0.99 | 0.98 | 0.98 |
| | LOW | 1400 | 0.97 | 0.92 | 0.99 |
| | HIGH | 1800 | 1.01 | 1.04 | 0.97 |
| TXH054A4 | RATED | 1700 | 1.06 | 1.08 | 1.02 |
| | LOW | 1475 | 1.03 | 1.01 | 1.03 |
| | HIGH | 1925 | 1.07 | 1.15 | 1.01 |



Performance Data Cooling

2TWB0060A1

2TWB0060A1 WITH TWE060C/D15 AT 1900 CFM

| O.D. D.B. | I.D. W.B. | TOT. CAP. | SENS. CAP. AT ENTERING D.B. TEMP. | | | | TOTAL KW |
|--------------|--------------|--------------|-----------------------------------|------|-------|-------|-------------|
| | | | 72 | 75 | 78 | 80 | |
| 85 | 59 | 52.9 | 43.4 | 48.7 | 53.3* | 54.7* | 5.58 |
| | 63 | 57.2 | 36.7 | 41.9 | 47.1 | 50.6 | 5.72 |
| | 67 | 61.6 | 29.1 | 34.4 | 39.6 | 43.1 | 5.87 |
| | 71 | 66.2 | 21.4 | 26.7 | 31.9 | 35.4 | 6.02 |
| 95 | 59 | 50.5 | 42.3 | 47.6 | 51.4* | 52.7* | 6.07 |
| | 63 | 54.6 | 35.5 | 40.8 | 46.0 | 49.4 | 6.20 |
| | 67 | 58.8 | 28.0 | 33.3 | 38.4 | 41.9 | 6.35 |
| | 71 | 63.2 | 20.3 | 25.6 | 30.7 | 34.2 | 6.49 |
| 105 | 59 | 47.4 | 40.9 | 46.0 | 48.9* | 50.1* | 6.57 |
| | 63 | 51.2 | 34.1 | 39.3 | 44.5 | 48.0 | 6.69 |
| | 67 | 55.2 | 26.6 | 31.8 | 37.0 | 40.5 | 6.82 |
| | 71 | 59.3 | 18.9 | 24.1 | 29.3 | 32.8 | 6.96 |
| 115 | 59 | 44.3 | 39.4 | 44.0 | 46.3* | 47.4* | 7.08 |
| | 63 | 47.9 | 32.6 | 37.9 | 43.1 | 46.6 | 7.19 |
| | 67 | 51.6 | 25.1 | 30.4 | 35.6 | 39.0 | 7.30 |
| | 71 | 55.5 | 17.4 | 22.7 | 27.9 | 31.4 | 7.42 |

CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)

| AIRFLOW | TOTAL CAPACITY | SENSIBLE CAPACITY |
|---------|----------------|-------------------|
| LOW | 1650 | 0.98 |
| HIGH | 2150 | 1.01 |

NOTE: ALL TABLES ABOVE ARE AT ARI RATING CONDITIONS RATED WITH 25 FEET OF REFRIGERANT LINES.
 * DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
 TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL. ALL TEMPERATURES IN DEGREES F.

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH | MBTUH | SYST |
|--------------|-------|------|-------|-------|------|
| | | | TOT | SEN | KW |
| TWE042C14 | RATED | 1600 | 0.92 | 0.90 | 0.93 |
| | LOW | 1400 | 0.89 | 0.85 | 0.94 |
| | HIGH | 1800 | 0.94 | 0.94 | 0.92 |
| TWE048C14 | RATED | 1800 | 0.98 | 0.98 | 0.97 |
| | LOW | 1575 | 0.96 | 0.93 | 0.98 |
| | HIGH | 2025 | 1.00 | 1.02 | 0.96 |
| TWE060A | RATED | 2000 | 1.00 | 1.01 | 0.95 |
| | LOW | 1750 | 0.98 | 0.96 | 0.96 |
| | HIGH | 2250 | 1.01 | 1.06 | 0.94 |

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH | MBTUH | SYST |
|--------------|-------|------|-------|-------|------|
| | | | TOT | SEN | KW |
| TWE060C/D15 | RATED | 1900 | 1.00 | 1.00 | 1.00 |
| | LOW | 1650 | 0.98 | 0.94 | 1.01 |
| | HIGH | 2150 | 1.01 | 1.05 | 0.99 |
| TWG048A14 | RATED | 1600 | 0.94 | 0.92 | 0.93 |
| | LOW | 1400 | 0.91 | 0.87 | 0.94 |
| | HIGH | 1800 | 0.96 | 0.96 | 0.92 |
| TWG060A15 | RATED | 2000 | 1.02 | 1.04 | 1.01 |
| | LOW | 1750 | 1.00 | 0.98 | 1.02 |
| | HIGH | 2250 | 1.03 | 1.09 | 1.00 |
| TXA060C5 | RATED | 1700 | 0.99 | 0.95 | 0.95 |
| | LOW | 1475 | 0.96 | 0.89 | 0.96 |
| | HIGH | 1925 | 1.01 | 1.00 | 0.94 |
| TXA061C5 | RATED | 1800 | 1.01 | 1.00 | 0.96 |
| | LOW | 1575 | 0.99 | 0.95 | 0.97 |
| | HIGH | 2025 | 1.03 | 1.05 | 0.95 |
| TXC060C5 | RATED | 1700 | 0.99 | 0.95 | 0.95 |
| | LOW | 1475 | 0.96 | 0.89 | 0.96 |
| | HIGH | 1925 | 1.01 | 1.00 | 0.94 |
| TXC061C5 | RATED | 1800 | 1.01 | 1.00 | 0.96 |
| | LOW | 1575 | 0.99 | 0.95 | 0.97 |
| | HIGH | 2025 | 1.03 | 1.05 | 0.95 |
| TXH063P3-A | RATED | 2000 | 1.06 | 1.10 | 0.99 |
| | LOW | 1750 | 1.04 | 1.03 | 1.00 |
| | HIGH | 2250 | 1.07 | 1.16 | 0.98 |
| TXH063P3-B | RATED | 2000 | 1.07 | 1.11 | 1.00 |
| | LOW | 1750 | 1.05 | 1.04 | 1.01 |
| | HIGH | 2250 | 1.08 | 1.18 | 0.99 |



Performance Data Heating

2TWB0012A1

2TWB0012A1 WITH TWE018C14 AT 400 CFM

| O.D. TEMP. F. | HEATING CAPACITY MBH AT INDOOR DRY BULB TEMP. | | | TOTAL POWER IN KILOWATTS AT INDOOR DRY BULB TEMP. | | |
|---------------------|--|-------|-------|--|------|------|
| | 70 | 75 | 80 | 70 | 75 | 80 |
| 2 | 4.20 | 4.14 | 4.08 | 0.96 | 0.99 | 1.01 |
| 7 | 5.33 | 5.26 | 5.18 | 1.02 | 1.04 | 1.06 |
| 12 | 6.47 | 6.37 | 6.27 | 1.07 | 1.10 | 1.12 |
| 17 | 7.60 | 7.49 | 7.37 | 1.13 | 1.15 | 1.18 |
| 22 | 8.51 | 8.38 | 8.25 | 1.18 | 1.20 | 1.23 |
| 27 | 9.41 | 9.27 | 9.12 | 1.23 | 1.26 | 1.29 |
| 32 | 10.32 | 10.16 | 10.00 | 1.28 | 1.31 | 1.34 |
| 37 | 11.22 | 11.05 | 10.88 | 1.34 | 1.37 | 1.40 |
| 42 | 12.13 | 11.94 | 11.75 | 1.39 | 1.42 | 1.45 |
| 47 | 14.40 | 14.18 | 13.95 | 1.45 | 1.48 | 1.51 |
| 52 | 15.53 | 15.29 | 15.05 | 1.50 | 1.53 | 1.57 |
| 57 | 16.67 | 16.41 | 16.15 | 1.55 | 1.59 | 1.63 |
| 62 | 17.80 | 17.52 | 17.25 | 1.61 | 1.64 | 1.68 |
| 67 | 18.93 | 18.64 | 18.34 | 1.66 | 1.70 | 1.74 |
| 72 | 20.07 | 19.75 | 19.44 | 1.71 | 1.75 | 1.79 |

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH | SYST |
|--------------|-------|-----|-------|------|
| | | | TOT | KW |
| TWE018C14 | RATED | 400 | 1.00 | 1.00 |
| | LOW | 350 | 0.99 | 0.99 |
| | HIGH | 450 | 1.01 | 1.02 |
| TWG018A14 | RATED | 450 | 0.99 | 1.00 |
| | LOW | 400 | 0.98 | 0.99 |
| | HIGH | 500 | 1.00 | 1.02 |
| TWG025A14 | RATED | 450 | 1.00 | 0.99 |
| | LOW | 400 | 0.99 | 0.98 |
| | HIGH | 500 | 1.01 | 1.01 |

CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)

| | AIRFLOW | TOTAL CAPACITY | SENSIBLE CAPACITY |
|------|---------|----------------|-------------------|
| LOW | 350 | 0.99 | 1.02 |
| HIGH | 450 | 1.01 | 0.99 |

NOTE: ALL TABLES ABOVE ARE AT ARI RATING CONDITIONS RATED WITH 25 FEET OF REFRIGERANT LINES.

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH | SYST |
|--------------|-------|-----|-------|------|
| | | | TOT | KW |
| TVF018A14 | RATED | 450 | 1.01 | 0.96 |
| | LOW | 400 | 1.00 | 0.95 |
| | HIGH | 500 | 1.03 | 0.98 |
| TVF024A14 | RATED | 450 | 1.04 | 1.03 |
| | LOW | 400 | 1.03 | 1.02 |
| | HIGH | 500 | 1.05 | 1.05 |
| TVF025A14 | RATED | 450 | 1.03 | 1.01 |
| | LOW | 400 | 1.02 | 1.00 |
| | HIGH | 500 | 1.04 | 1.03 |



Performance Data Heating

2TWB0018A1

2TWB0018A1 WITH TWE018C14 AT 600 CFM

| O.D. TEMP. F. | HEATING CAPACITY MBH AT INDOOR DRY BULB TEMP. | | | TOTAL POWER IN KILOWATTS AT INDOOR DRY BULB TEMP. | | |
|---------------------|--|-------|-------|--|------|------|
| | 70 | 75 | 80 | 70 | 75 | 80 |
| | 2 | 5.05 | 4.98 | 4.91 | 1.14 | 1.17 |
| 7 | 6.30 | 6.21 | 6.12 | 1.18 | 1.21 | 1.24 |
| 12 | 7.55 | 7.44 | 7.33 | 1.22 | 1.25 | 1.28 |
| 17 | 8.80 | 8.67 | 8.54 | 1.26 | 1.30 | 1.33 |
| 22 | 9.42 | 9.28 | 9.14 | 1.31 | 1.34 | 1.38 |
| 27 | 10.03 | 9.88 | 9.74 | 1.36 | 1.39 | 1.43 |
| 32 | 10.65 | 10.49 | 10.33 | 1.40 | 1.44 | 1.48 |
| 37 | 11.26 | 11.10 | 10.93 | 1.45 | 1.49 | 1.52 |
| 42 | 11.88 | 11.70 | 11.52 | 1.50 | 1.54 | 1.57 |
| 47 | 16.30 | 16.06 | 15.81 | 1.51 | 1.55 | 1.59 |
| 52 | 17.55 | 17.29 | 17.02 | 1.55 | 1.59 | 1.63 |
| 57 | 18.80 | 18.52 | 18.23 | 1.59 | 1.63 | 1.68 |
| 62 | 20.05 | 19.75 | 19.44 | 1.64 | 1.68 | 1.72 |
| 67 | 21.30 | 20.98 | 20.66 | 1.68 | 1.72 | 1.76 |
| 72 | 22.55 | 22.21 | 21.87 | 1.72 | 1.76 | 1.81 |

CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)

| AIRFLOW | TOTAL CAPACITY | SENSIBLE CAPACITY |
|---------|----------------|-------------------|
| LOW | 525 | 0.99 |
| HIGH | 675 | 1.01 |

NOTE: ALL TABLES ABOVE ARE AT ARI RATING CONDITIONS RATED WITH 25 FEET OF REFRIGERANT LINES.

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH TOT | SYST KW |
|--------------|-------|-----|--------------|------------|
| TWE024C14 | RATED | 700 | 1.02 | 1.06 |
| | LOW | 600 | 1.00 | 1.05 |
| | HIGH | 800 | 1.03 | 1.08 |
| TWG018A14 | RATED | 600 | 0.99 | 1.03 |
| | LOW | 525 | 0.98 | 1.02 |
| | HIGH | 675 | 1.00 | 1.05 |
| TWG025A14 | RATED | 700 | 1.02 | 1.03 |
| | LOW | 600 | 1.00 | 1.02 |
| | HIGH | 800 | 1.03 | 1.05 |

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH TOT | SYST KW |
|--------------|-------|-----|--------------|------------|
| TVF018A14 | RATED | 600 | 1.01 | 0.99 |
| | LOW | 525 | 1.00 | 0.98 |
| | HIGH | 675 | 1.02 | 1.01 |
| TVF024A14 | RATED | 700 | 1.04 | 1.03 |
| | LOW | 600 | 1.02 | 1.02 |
| | HIGH | 800 | 1.05 | 1.05 |
| TWE018C14 | RATED | 600 | 1.00 | 1.00 |
| | LOW | 525 | 0.99 | 0.99 |
| | HIGH | 675 | 1.01 | 1.02 |



Performance Data Heating

2TWB0024A1

2TWB0024A1 WITH TWE024C14 AT 800 CFM

| O.D. TEMP. F. | HEATING CAPACITY MBH AT INDOOR DRY BULB TEMP. | | | TOTAL POWER IN KILOWATTS AT INDOOR DRY BULB TEMP. | | |
|---------------------|--|-------|-------|--|------|------|
| | 70 | 75 | 80 | 70 | 75 | 80 |
| 2 | 9.75 | 9.62 | 9.48 | 1.70 | 1.74 | 1.77 |
| 7 | 11.20 | 11.04 | 10.89 | 1.76 | 1.80 | 1.84 |
| 12 | 12.65 | 12.47 | 12.29 | 1.83 | 1.87 | 1.91 |
| 17 | 14.10 | 13.90 | 13.70 | 1.90 | 1.94 | 1.98 |
| 22 | 14.51 | 14.30 | 14.09 | 1.93 | 1.97 | 2.01 |
| 27 | 14.91 | 14.70 | 14.49 | 1.96 | 2.01 | 2.05 |
| 32 | 15.32 | 15.10 | 14.88 | 2.00 | 2.04 | 2.08 |
| 37 | 15.73 | 15.50 | 15.28 | 2.03 | 2.07 | 2.12 |
| 42 | 16.13 | 15.90 | 15.67 | 2.06 | 2.11 | 2.15 |
| 47 | 22.80 | 22.47 | 22.14 | 2.29 | 2.34 | 2.39 |
| 52 | 24.25 | 23.90 | 23.54 | 2.35 | 2.41 | 2.46 |
| 57 | 25.70 | 25.33 | 24.95 | 2.42 | 2.47 | 2.53 |
| 62 | 27.15 | 26.75 | 26.36 | 2.48 | 2.54 | 2.60 |
| 67 | 28.60 | 28.18 | 27.76 | 2.55 | 2.61 | 2.67 |
| 72 | 30.05 | 29.61 | 29.17 | 2.62 | 2.68 | 2.73 |

CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)

| | AIRFLOW | TOTAL CAPACITY | SENSIBLE CAPACITY |
|------|---------|----------------|-------------------|
| LOW | 700 | 0.99 | 1.02 |
| HIGH | 900 | 1.01 | 0.99 |

NOTE: ALL TABLES ABOVE ARE AT ARI RATING CONDITIONS RATED WITH 25 FEET OF REFRIGERANT LINES.

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH TOT | SYST KW |
|--------------|-------|------|--------------|------------|
| TVF018A14 | RATED | 700 | 1.00 | 0.98 |
| | LOW | 600 | 0.98 | 0.96 |
| | HIGH | 800 | 1.01 | 1.00 |
| TVF024A14 | RATED | 800 | 1.02 | 0.98 |
| | LOW | 700 | 1.01 | 0.97 |
| | HIGH | 900 | 1.03 | 1.00 |
| TVF025A14 | RATED | 800 | 1.00 | 0.96 |
| | LOW | 700 | 0.99 | 0.95 |
| | HIGH | 900 | 1.01 | 0.98 |
| TVF030A14 | RATED | 900 | 1.03 | 0.96 |
| | LOW | 775 | 1.02 | 0.95 |
| | HIGH | 1025 | 1.04 | 0.98 |

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH TOT | SYST KW |
|--------------|-------|------|--------------|------------|
| TWE018C14 | RATED | 700 | 0.97 | 0.99 |
| | LOW | 600 | 0.95 | 0.97 |
| | HIGH | 800 | 0.98 | 1.01 |
| TWE024C14 | RATED | 800 | 1.00 | 1.00 |
| | LOW | 700 | 0.99 | 0.99 |
| | HIGH | 900 | 1.01 | 1.02 |
| TWE030C14 | RATED | 900 | 1.02 | 0.98 |
| | LOW | 775 | 0.99 | 0.97 |
| | HIGH | 1025 | 1.03 | 1.00 |
| TWG018A14 | RATED | 700 | 0.97 | 1.00 |
| | LOW | 600 | 0.95 | 0.98 |
| | HIGH | 800 | 0.98 | 1.02 |
| TWG025A14 | RATED | 800 | 1.00 | 0.98 |
| | LOW | 700 | 0.99 | 0.97 |
| | HIGH | 900 | 1.01 | 1.00 |
| TWG030A14 | RATED | 900 | 1.01 | 1.00 |
| | LOW | 775 | 0.99 | 0.99 |
| | HIGH | 1025 | 1.02 | 1.02 |
| TXA024C4 | RATED | 800 | 1.00 | 1.01 |
| | LOW | 700 | 0.99 | 1.00 |
| | HIGH | 900 | 1.01 | 1.03 |
| TXA025C4 | RATED | 800 | 1.01 | 0.98 |
| | LOW | 700 | 1.00 | 0.97 |
| | HIGH | 900 | 1.02 | 1.00 |
| TXC024C4 | RATED | 800 | 1.00 | 1.01 |
| | LOW | 700 | 0.99 | 1.00 |
| | HIGH | 900 | 1.01 | 1.03 |
| TXC024D4 | RATED | 800 | 1.00 | 1.01 |
| | LOW | 700 | 0.99 | 1.00 |
| | HIGH | 900 | 1.01 | 1.03 |
| TXC025C4 | RATED | 800 | 1.01 | 0.98 |
| | LOW | 700 | 1.00 | 0.97 |
| | HIGH | 900 | 1.02 | 1.00 |
| TXC025D4 | RATED | 800 | 1.01 | 0.98 |
| | LOW | 700 | 1.00 | 0.97 |
| | HIGH | 900 | 1.02 | 1.00 |
| TXH025A4 | RATED | 800 | 1.00 | 1.01 |
| | LOW | 700 | 0.99 | 1.00 |
| | HIGH | 900 | 1.01 | 1.03 |



Performance Data Heating

2TWB0030A1

2TWB0030A1 WITH TWE030C14 AT 1000 CFM

| O.D. TEMP. F. | HEATING CAPACITY MBH AT INDOOR DRY BULB TEMP. | | | TOTAL POWER IN KILOWATTS AT INDOOR DRY BULB TEMP. | | |
|---------------------|--|-------|-------|--|------|------|
| | 70 | 75 | 80 | 70 | 75 | 80 |
| 2 | 12.15 | 12.02 | 11.88 | 2.12 | 2.17 | 2.22 |
| 7 | 13.87 | 13.71 | 13.56 | 2.18 | 2.23 | 2.28 |
| 12 | 15.58 | 15.41 | 15.23 | 2.24 | 2.29 | 2.35 |
| 17 | 17.30 | 17.10 | 16.91 | 2.30 | 2.36 | 2.41 |
| 22 | 18.20 | 17.99 | 17.78 | 2.34 | 2.40 | 2.45 |
| 27 | 19.09 | 18.88 | 18.66 | 2.38 | 2.43 | 2.49 |
| 32 | 19.99 | 19.76 | 19.53 | 2.41 | 2.47 | 2.53 |
| 37 | 20.89 | 20.65 | 20.41 | 2.45 | 2.51 | 2.57 |
| 42 | 21.78 | 21.53 | 21.28 | 2.48 | 2.54 | 2.60 |
| 47 | 27.60 | 27.28 | 26.96 | 2.68 | 2.74 | 2.81 |
| 52 | 29.32 | 28.98 | 28.63 | 2.74 | 2.81 | 2.87 |
| 57 | 31.03 | 30.67 | 30.31 | 2.80 | 2.87 | 2.94 |
| 62 | 32.75 | 32.37 | 31.98 | 2.87 | 2.94 | 3.01 |
| 67 | 34.47 | 34.06 | 33.66 | 2.93 | 3.00 | 3.07 |
| 72 | 36.18 | 35.76 | 35.33 | 2.99 | 3.06 | 3.14 |

CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)

| AIRFLOW | TOTAL CAPACITY | SENSIBLE CAPACITY |
|---------|----------------|-------------------|
| LOW | 0.99 | 1.02 |
| HIGH | 1.01 | 0.98 |

NOTE: ALL TABLES ABOVE ARE AT ARI RATING CONDITIONS RATED WITH 25 FEET OF REFRIGERANT LINES.

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | CFM | MBTUH TOT | SYST KW |
|--------------|-------|--------------|------------|
| TVF024A14 | RATED | 800 | 0.98 |
| | LOW | 700 | 0.97 |
| | HIGH | 900 | 0.99 |
| TVF025A14 | RATED | 900 | 0.99 |
| | LOW | 775 | 0.97 |
| | HIGH | 1025 | 1.00 |
| TVF030A14 | RATED | 1000 | 1.00 |
| | LOW | 875 | 0.99 |
| | HIGH | 1125 | 1.01 |
| TVF036A14 | RATED | 1100 | 1.02 |
| | LOW | 950 | 1.01 |
| | HIGH | 1250 | 1.03 |
| TWE024C14 | RATED | 900 | 0.95 |
| | LOW | 775 | 0.93 |
| | HIGH | 1025 | 0.96 |

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | CFM | MBTUH TOT | SYST KW |
|--------------|-------|--------------|------------|
| TWE030C14 | RATED | 1000 | 1.00 |
| | LOW | 875 | 0.99 |
| | HIGH | 1125 | 1.01 |
| TWE036C14 | RATED | 1100 | 1.00 |
| | LOW | 950 | 0.99 |
| | HIGH | 1250 | 1.01 |
| TWG025A14 | RATED | 900 | 0.96 |
| | LOW | 775 | 0.95 |
| | HIGH | 1025 | 0.97 |
| TWG030A14 | RATED | 1000 | 0.97 |
| | LOW | 875 | 0.96 |
| | HIGH | 1125 | 0.98 |
| TWG036A14 | RATED | 1100 | 0.99 |
| | LOW | 950 | 0.98 |
| | HIGH | 1250 | 1.00 |
| TXA030C4 | RATED | 1000 | 0.99 |
| | LOW | 875 | 0.98 |
| | HIGH | 1125 | 1.00 |
| TXA031C4 | RATED | 1000 | 1.00 |
| | LOW | 875 | 0.99 |
| | HIGH | 1125 | 1.01 |
| TXC030C4 | RATED | 1000 | 0.99 |
| | LOW | 875 | 0.98 |
| | HIGH | 1125 | 1.00 |
| TXC030D4 | RATED | 1000 | 0.99 |
| | LOW | 875 | 0.98 |
| | HIGH | 1125 | 1.00 |
| TXC031C4 | RATED | 1000 | 1.00 |
| | LOW | 875 | 0.99 |
| | HIGH | 1125 | 1.01 |
| TXC031D4 | RATED | 1000 | 1.00 |
| | LOW | 875 | 0.99 |
| | HIGH | 1125 | 1.01 |
| TXH025A4 | RATED | 900 | 0.96 |
| | LOW | 775 | 0.94 |
| | HIGH | 1025 | 0.97 |
| TXH033A4 | RATED | 1000 | 1.00 |
| | LOW | 875 | 0.99 |
| | HIGH | 1125 | 1.01 |



Performance Data Heating

2TWB0036A1

2TWB0036A1 WITH TWE036C14 AT 1200 CFM

| O.D. TEMP. F. | HEATING CAPACITY MBH AT INDOOR DRY BULB TEMP. | | | TOTAL POWER IN KILOWATTS AT INDOOR DRY BULB TEMP. | | |
|---------------|---|-------|-------|---|------|------|
| | 70 | 75 | 80 | 70 | 75 | 80 |
| 2 | 12.15 | 12.02 | 11.89 | 2.35 | 2.41 | 2.46 |
| 7 | 14.40 | 14.24 | 14.09 | 2.44 | 2.50 | 2.56 |
| 12 | 16.65 | 16.47 | 16.28 | 2.52 | 2.59 | 2.65 |
| 17 | 18.90 | 18.69 | 18.48 | 2.61 | 2.68 | 2.75 |
| 22 | 19.38 | 19.17 | 18.95 | 2.67 | 2.74 | 2.81 |
| 27 | 19.87 | 19.65 | 19.42 | 2.73 | 2.80 | 2.87 |
| 32 | 20.35 | 20.13 | 19.90 | 2.78 | 2.85 | 2.93 |
| 37 | 20.84 | 20.60 | 20.37 | 2.84 | 2.91 | 2.99 |
| 42 | 21.32 | 21.08 | 20.84 | 2.90 | 2.97 | 3.05 |
| 47 | 32.40 | 32.03 | 31.65 | 3.14 | 3.23 | 3.31 |
| 52 | 34.65 | 34.25 | 33.85 | 3.23 | 3.32 | 3.40 |
| 57 | 36.90 | 36.47 | 36.04 | 3.32 | 3.41 | 3.50 |
| 62 | 39.15 | 38.69 | 38.24 | 3.41 | 3.50 | 3.59 |
| 67 | 41.40 | 40.92 | 40.43 | 3.50 | 3.59 | 3.69 |
| 72 | 43.65 | 43.14 | 42.63 | 3.59 | 3.68 | 3.78 |

CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)

| | AIRFLOW | TOTAL CAPACITY | SENSIBLE CAPACITY |
|------|---------|----------------|-------------------|
| LOW | 1050 | 0.99 | 1.02 |
| HIGH | 1350 | 1.01 | 0.98 |

NOTE: ALL TABLES ABOVE ARE AT ARI RATING CONDITIONS RATED WITH 25 FEET OF REFRIGERANT LINES.

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH TOT | SYST KW |
|--------------|-------|------|-----------|---------|
| TVF030A14 | RATED | 1100 | 0.99 | 1.00 |
| | LOW | 950 | 0.98 | 0.98 |
| | HIGH | 1250 | 1.00 | 1.02 |
| TVF036A14 | RATED | 1200 | 1.00 | 1.00 |
| | LOW | 1050 | 0.99 | 0.99 |
| | HIGH | 1350 | 1.01 | 1.02 |
| TWE030C14 | RATED | 900 | 0.94 | 1.00 |
| | LOW | 775 | 0.92 | 0.98 |
| | HIGH | 1025 | 0.95 | 1.02 |

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH TOT | SYST KW |
|--------------|-------|------|-----------|---------|
| TWE036C14 | RATED | 1200 | 1.00 | 1.00 |
| | LOW | 1050 | 0.99 | 0.98 |
| | HIGH | 1350 | 1.01 | 1.02 |
| TWE042C14 | RATED | 1400 | 1.01 | 1.01 |
| | LOW | 1225 | 1.00 | 1.00 |
| | HIGH | 1575 | 1.02 | 1.03 |
| TWG030A14 | RATED | 1100 | 0.96 | 1.02 |
| | LOW | 950 | 0.95 | 1.00 |
| | HIGH | 1250 | 0.97 | 1.04 |
| TWG036A14 | RATED | 1200 | 0.99 | 1.04 |
| | LOW | 1050 | 0.98 | 1.02 |
| | HIGH | 1350 | 1.00 | 1.06 |
| TWG037A14 | RATED | 1200 | 0.97 | 1.01 |
| | LOW | 1050 | 0.96 | 0.99 |
| | HIGH | 1350 | 0.98 | 1.03 |
| TWG042A14 | RATED | 1400 | 1.00 | 1.01 |
| | LOW | 1225 | 0.99 | 1.00 |
| | HIGH | 1575 | 1.01 | 1.03 |
| TXA036C4 | RATED | 1200 | 1.00 | 0.99 |
| | LOW | 1050 | 0.99 | 0.98 |
| | HIGH | 1350 | 1.01 | 1.01 |
| TXA037C4 | RATED | 1200 | 1.00 | 0.99 |
| | LOW | 1050 | 0.99 | 0.98 |
| | HIGH | 1350 | 1.01 | 1.01 |
| TXC036C4 | RATED | 1200 | 1.00 | 0.99 |
| | LOW | 1050 | 0.99 | 0.98 |
| | HIGH | 1350 | 1.01 | 1.01 |
| TXC036D4 | RATED | 1200 | 1.00 | 0.99 |
| | LOW | 1050 | 0.99 | 0.98 |
| | HIGH | 1350 | 1.01 | 1.01 |
| TXC037C4 | RATED | 1200 | 1.00 | 0.99 |
| | LOW | 1050 | 0.99 | 0.98 |
| | HIGH | 1350 | 1.01 | 1.01 |
| TXH041A4 | RATED | 1400 | 1.02 | 1.00 |
| | LOW | 1225 | 1.01 | 0.99 |
| | HIGH | 1575 | 1.03 | 1.02 |



Performance Data Heating

2TWB0042A1

2TWB0042A1 WITH TWE042C14 AT 1400 CFM

| O.D. TEMP. F. | HEATING CAPACITY MBH AT INDOOR DRY BULB TEMP. | | | TOTAL POWER IN KILOWATTS AT INDOOR DRY BULB TEMP. | | |
|---------------------|--|-------|-------|--|------|------|
| | 70 | 75 | 80 | 70 | 75 | 80 |
| 2 | 15.60 | 15.38 | 15.17 | 2.63 | 2.70 | 2.77 |
| 7 | 18.20 | 17.94 | 17.68 | 2.73 | 2.80 | 2.87 |
| 12 | 20.80 | 20.50 | 20.20 | 2.83 | 2.91 | 2.98 |
| 17 | 23.40 | 23.06 | 22.72 | 2.93 | 3.01 | 3.09 |
| 22 | 24.30 | 23.95 | 23.60 | 3.00 | 3.08 | 3.16 |
| 27 | 25.21 | 24.84 | 24.47 | 3.07 | 3.15 | 3.23 |
| 32 | 26.11 | 25.73 | 25.34 | 3.14 | 3.22 | 3.31 |
| 37 | 27.01 | 26.62 | 26.22 | 3.21 | 3.30 | 3.38 |
| 42 | 27.91 | 27.50 | 27.09 | 3.28 | 3.37 | 3.46 |
| 47 | 39.00 | 38.42 | 37.83 | 3.53 | 3.62 | 3.72 |
| 52 | 41.60 | 40.97 | 40.35 | 3.63 | 3.73 | 3.83 |
| 57 | 44.20 | 43.53 | 42.87 | 3.73 | 3.83 | 3.93 |
| 62 | 46.80 | 46.09 | 45.39 | 3.83 | 3.93 | 4.04 |
| 67 | 49.40 | 48.65 | 47.90 | 3.93 | 4.03 | 4.14 |
| 72 | 52.00 | 51.21 | 50.42 | 4.02 | 4.14 | 4.25 |

CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)

| | AIRFLOW | TOTAL CAPACITY | SENSIBLE CAPACITY |
|------|---------|----------------|-------------------|
| LOW | 1225 | 0.98 | 1.02 |
| HIGH | 1575 | 1.01 | 0.98 |

NOTE: ALL TABLES ABOVE ARE AT ARI RATING CONDITIONS RATED WITH 25 FEET OF REFRIGERANT LINES.

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH TOT | SYST KW |
|--------------|-------|------|--------------|------------|
| TVF036A14 | RATED | 1400 | 1.01 | 1.02 |
| | LOW | 1225 | 0.99 | 1.00 |
| | HIGH | 1575 | 1.02 | 1.04 |
| TWE036C14 | RATED | 1400 | 0.98 | 1.03 |
| | LOW | 1225 | 0.96 | 1.01 |
| | HIGH | 1575 | 0.99 | 1.05 |
| TWE042C14 | RATED | 1400 | 1.00 | 1.00 |
| | LOW | 1225 | 0.98 | 0.98 |
| | HIGH | 1575 | 1.01 | 1.02 |

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH TOT | SYST KW |
|--------------|-------|------|--------------|------------|
| TWE048C14 | RATED | 1600 | 1.02 | 1.01 |
| | LOW | 1400 | 1.01 | 0.99 |
| | HIGH | 1800 | 1.03 | 1.03 |
| TWE060A | RATED | 1600 | 1.00 | 0.96 |
| | LOW | 1400 | 0.99 | 0.94 |
| | HIGH | 1800 | 1.01 | 0.98 |
| TWG037A14 | RATED | 1300 | 0.96 | 1.03 |
| | LOW | 1125 | 0.94 | 1.01 |
| | HIGH | 1475 | 0.97 | 1.05 |
| TWG042A14 | RATED | 1400 | 0.98 | 1.01 |
| | LOW | 1225 | 0.96 | 0.99 |
| | HIGH | 1575 | 0.99 | 1.03 |
| TWG048A14 | RATED | 1600 | 1.01 | 1.00 |
| | LOW | 1400 | 1.00 | 0.98 |
| | HIGH | 1800 | 1.02 | 1.02 |
| TXA042C4 | RATED | 1200 | 0.98 | 0.99 |
| | LOW | 1050 | 0.97 | 0.97 |
| | HIGH | 1350 | 0.99 | 1.01 |
| TXA043C4 | RATED | 1400 | 1.00 | 1.00 |
| | LOW | 1225 | 0.99 | 0.98 |
| | HIGH | 1575 | 1.01 | 1.02 |
| TXC042C4 | RATED | 1200 | 0.98 | 0.99 |
| | LOW | 1050 | 0.97 | 0.97 |
| | HIGH | 1350 | 0.99 | 1.01 |
| TXC043C4 | RATED | 1400 | 1.00 | 1.00 |
| | LOW | 1225 | 0.99 | 0.98 |
| | HIGH | 1575 | 1.01 | 1.02 |
| TXH041A4 | RATED | 1400 | 1.00 | 0.99 |
| | LOW | 1225 | 0.99 | 0.97 |
| | HIGH | 1575 | 1.01 | 1.01 |



Performance Data Heating

2TWB0048A1

2TWB0048A1 WITH TWE048C14 AT 1600 CFM

| O.D. TEMP. F. | HEATING CAPACITY MBH AT INDOOR DRY BULB TEMP. | | | TOTAL POWER IN KILOWATTS AT INDOOR DRY BULB TEMP. | | |
|---------------|---|-------|-------|---|------|------|
| | 70 | 75 | 80 | 70 | 75 | 80 |
| 2 | 14.05 | 13.87 | 13.70 | 2.82 | 2.89 | 2.96 |
| 7 | 17.43 | 17.21 | 16.98 | 2.96 | 3.03 | 3.10 |
| 12 | 20.82 | 20.54 | 20.26 | 3.09 | 3.17 | 3.24 |
| 17 | 24.20 | 23.87 | 23.55 | 3.22 | 3.30 | 3.39 |
| 22 | 25.13 | 24.79 | 24.45 | 3.31 | 3.40 | 3.48 |
| 27 | 26.06 | 25.70 | 25.35 | 3.40 | 3.49 | 3.57 |
| 32 | 26.99 | 26.62 | 26.25 | 3.49 | 3.58 | 3.67 |
| 37 | 27.92 | 27.53 | 27.15 | 3.57 | 3.67 | 3.76 |
| 42 | 28.84 | 28.45 | 28.05 | 3.66 | 3.76 | 3.85 |
| 47 | 44.50 | 43.87 | 43.25 | 4.02 | 4.13 | 4.24 |
| 52 | 47.88 | 47.21 | 46.53 | 4.16 | 4.27 | 4.38 |
| 57 | 51.27 | 50.54 | 49.81 | 4.29 | 4.41 | 4.52 |
| 62 | 54.65 | 53.87 | 53.09 | 4.43 | 4.54 | 4.66 |
| 67 | 58.03 | 57.21 | 56.38 | 4.56 | 4.68 | 4.80 |
| 72 | 61.42 | 60.54 | 59.66 | 4.69 | 4.82 | 4.95 |

CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)

| | AIRFLOW | TOTAL CAPACITY | SENSIBLE CAPACITY |
|------|---------|----------------|-------------------|
| LOW | 1400 | 0.99 | 1.02 |
| HIGH | 1800 | 1.01 | 0.98 |

NOTE: ALL TABLES ABOVE ARE AT ARI RATING CONDITIONS RATED WITH 25 FEET OF REFRIGERANT LINES.

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH TOT | SYST KW |
|--------------|-------|------|-----------|---------|
| TWE042C14 | RATED | 1600 | 0.97 | 1.03 |
| | LOW | 1400 | 0.95 | 1.01 |
| | HIGH | 1800 | 0.98 | 1.05 |
| TWE048C14 | RATED | 1600 | 1.00 | 1.00 |
| | LOW | 1400 | 0.99 | 0.98 |
| | HIGH | 1800 | 1.01 | 1.02 |
| TWE060A | RATED | 1800 | 0.97 | 0.96 |
| | LOW | 1575 | 0.96 | 0.95 |
| | HIGH | 2025 | 0.98 | 0.98 |

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH TOT | SYST KW |
|--------------------|-------|------|-----------|---------|
| TWE060C/D15 | RATED | 1800 | 1.01 | 1.04 |
| | LOW | 1575 | 0.99 | 1.03 |
| | HIGH | 2025 | 1.02 | 1.06 |
| TWG042A14+TAYTXV-3 | RATED | 1500 | 0.95 | 1.02 |
| | LOW | 1300 | 0.93 | 0.99 |
| | HIGH | 1700 | 0.96 | 1.04 |
| TWG048A14 | RATED | 1600 | 0.98 | 1.01 |
| | LOW | 1400 | 0.97 | 0.99 |
| | HIGH | 1800 | 0.99 | 1.03 |
| TWG060A15 | RATED | 1800 | 1.01 | 1.01 |
| | LOW | 1575 | 0.99 | 1.00 |
| | HIGH | 2025 | 1.02 | 1.03 |
| TXA048C4 | RATED | 1400 | 0.97 | 0.98 |
| | LOW | 1225 | 0.96 | 0.96 |
| | HIGH | 1575 | 0.98 | 1.00 |
| TXA049C4 | RATED | 1600 | 0.98 | 0.98 |
| | LOW | 1400 | 0.97 | 0.96 |
| | HIGH | 1800 | 0.99 | 1.00 |
| TXC048C4 | RATED | 1400 | 0.97 | 0.98 |
| | LOW | 1225 | 0.96 | 0.96 |
| | HIGH | 1575 | 0.98 | 1.00 |
| TXC049C4 | RATED | 1600 | 0.98 | 0.98 |
| | LOW | 1400 | 0.97 | 0.96 |
| | HIGH | 1800 | 0.99 | 1.00 |
| TXC050C4 | RATED | 1600 | 0.98 | 0.98 |
| | LOW | 1400 | 0.97 | 0.96 |
| | HIGH | 1800 | 0.99 | 1.00 |
| TXH054A4 | RATED | 1700 | 1.00 | 0.98 |
| | LOW | 1475 | 0.99 | 0.97 |
| | HIGH | 1925 | 1.01 | 1.00 |



Performance Data Heating

2TWB0060A1

2TWB0060A1 WITH TWE060C/D15 AT 1900 CFM

| O.D. TEMP. F. | HEATING CAPACITY MBH AT INDOOR DRY BULB TEMP. | | | TOTAL POWER IN KILOWATTS AT INDOOR DRY BULB TEMP. | | |
|---------------------|--|-------|-------|--|------|------|
| | 70 | 75 | 80 | 70 | 75 | 80 |
| 2 | 22.70 | 22.47 | 22.24 | 3.72 | 3.80 | 3.89 |
| 7 | 26.50 | 26.22 | 25.95 | 3.90 | 3.99 | 4.08 |
| 12 | 30.29 | 29.98 | 29.66 | 4.09 | 4.18 | 4.28 |
| 17 | 34.09 | 33.73 | 33.36 | 4.27 | 4.37 | 4.48 |
| 22 | 35.10 | 34.72 | 34.35 | 4.42 | 4.53 | 4.63 |
| 27 | 36.10 | 35.72 | 35.33 | 4.57 | 4.68 | 4.79 |
| 32 | 37.11 | 36.71 | 36.31 | 4.72 | 4.84 | 4.95 |
| 37 | 38.12 | 37.71 | 37.30 | 4.87 | 4.99 | 5.11 |
| 42 | 39.13 | 38.70 | 38.28 | 5.02 | 5.15 | 5.27 |
| 47 | 56.86 | 56.23 | 55.60 | 5.38 | 5.52 | 5.65 |
| 52 | 60.66 | 59.98 | 59.31 | 5.57 | 5.71 | 5.85 |
| 57 | 64.45 | 63.73 | 63.01 | 5.75 | 5.90 | 6.04 |
| 62 | 68.25 | 67.48 | 66.72 | 5.94 | 6.09 | 6.24 |
| 67 | 72.04 | 71.23 | 70.42 | 6.12 | 6.28 | 6.43 |
| 72 | 75.84 | 74.98 | 74.13 | 6.31 | 6.47 | 6.63 |

CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)

| | AIRFLOW | TOTAL CAPACITY | SENSIBLE CAPACITY |
|------|---------|----------------|-------------------|
| LOW | 1650 | 0.99 | 1.02 |
| HIGH | 2150 | 1.01 | 0.98 |

NOTE: ALL TABLES ABOVE ARE AT ARI RATING CONDITIONS RATED WITH 25 FEET OF REFRIGERANT LINES.

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

| INDOOR MODEL | | CFM | MBTUH TOT | SYST KW |
|--------------|-------|------|--------------|------------|
| TWE042C14 | RATED | 1600 | 0.94 | 1.00 |
| | LOW | 1400 | 0.93 | 0.98 |
| | HIGH | 1800 | 0.95 | 1.02 |
| TWE048C14 | RATED | 1800 | 0.97 | 0.99 |
| | LOW | 1575 | 0.96 | 0.97 |
| | HIGH | 2025 | 0.98 | 1.01 |
| TWE060A | RATED | 2000 | 0.96 | 0.94 |
| | LOW | 1750 | 0.95 | 0.92 |
| | HIGH | 2250 | 0.97 | 0.96 |

CORRECTION FACTORS FOR OTHER COMBINATIONS (MULTIPLY DATA BY FACTOR)

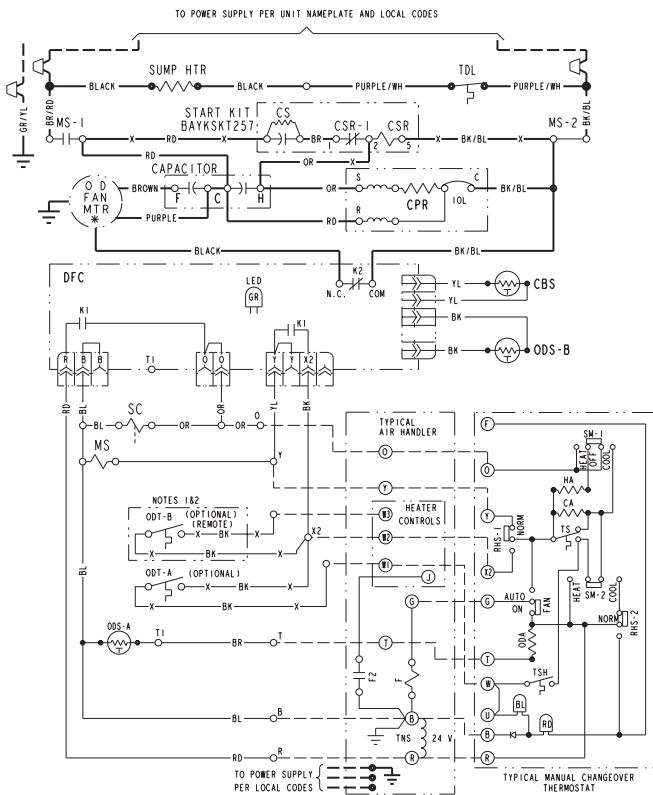
| INDOOR MODEL | | CFM | MBTUH TOT | SYST KW |
|--------------|-------|------|--------------|------------|
| TWE060C/D15 | RATED | 1900 | 1.00 | 1.00 |
| | LOW | 1650 | 0.99 | 0.98 |
| | HIGH | 2150 | 1.01 | 1.02 |
| TWG048A14 | RATED | 1600 | 0.94 | 0.98 |
| | LOW | 1400 | 0.93 | 0.96 |
| | HIGH | 1800 | 0.95 | 1.00 |
| TWG060A15 | RATED | 2000 | 0.99 | 0.99 |
| | LOW | 1750 | 0.98 | 0.97 |
| | HIGH | 2250 | 1.00 | 1.01 |
| TXA060C5 | RATED | 1700 | 0.97 | 0.95 |
| | LOW | 1475 | 0.96 | 0.93 |
| | HIGH | 1925 | 0.98 | 0.97 |
| TXA061C5 | RATED | 1800 | 0.97 | 0.95 |
| | LOW | 1575 | 0.96 | 0.93 |
| | HIGH | 2025 | 0.98 | 0.97 |
| TXC060C5 | RATED | 1700 | 0.97 | 0.95 |
| | LOW | 1475 | 0.96 | 0.93 |
| | HIGH | 1925 | 0.98 | 0.97 |
| TXC061C5 | RATED | 1800 | 0.97 | 0.95 |
| | LOW | 1575 | 0.96 | 0.93 |
| | HIGH | 2025 | 0.98 | 0.97 |
| TXH063P3-A | RATED | 2000 | 0.99 | 0.94 |
| | LOW | 1750 | 0.98 | 0.93 |
| | HIGH | 2250 | 1.00 | 0.96 |
| TXH063P3-B | RATED | 2000 | 0.99 | 0.94 |
| | LOW | 1750 | 0.98 | 0.93 |
| | HIGH | 2250 | 1.00 | 0.96 |

Electrical Data

SCHEMATIC DIAGRAMS

(SEE LEGEND)

2TWB0012-048A



NOTES:

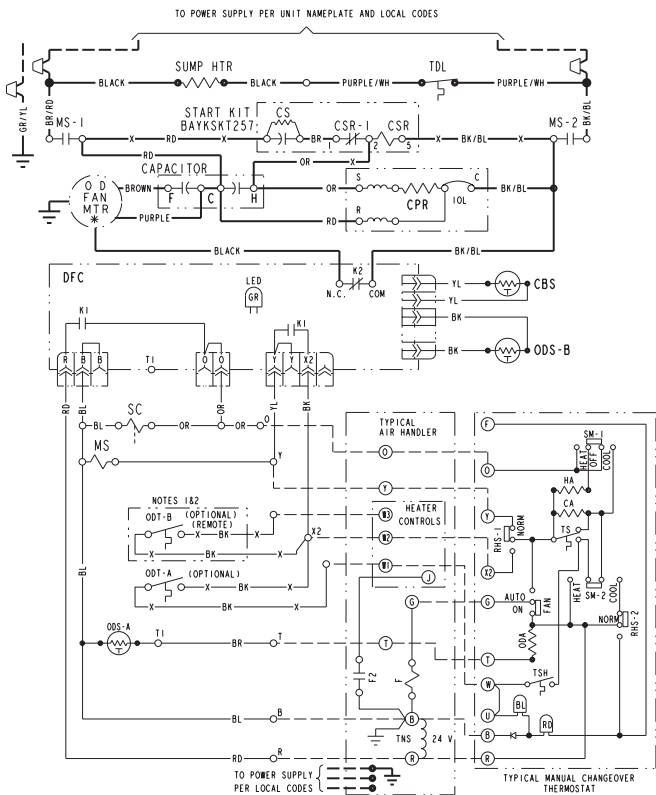
1. IF ODT-B IS NOT USED, ADD JUMPER BETWEEN W2 & W3 AT AIR HANDLER. IF USED, ODT-B MUST BE MOUNTED REMOTE OF CONTROL BOX IN AN APPROVED WEATHER PROOF ENCLOSURE.
2. IF ODT-A IS NOT USED, ADD JUMPER BETWEEN W1 & W2 AT AIR HANDLER.
3. LOW VOLTAGE (24 V.) FIELD WIRING MUST BE 18 AWG MIN.

| | |
|---|--|
| <p>⚠ 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!</p> | <p>⚠ 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!</p> |
|---|--|

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.

2TWB0060A



NOTES:

1. IF ODT-B IS NOT USED, ADD JUMPER BETWEEN W2 & W3 AT AIR HANDLER. IF USED, ODT-B MUST BE MOUNTED REMOTE OF CONTROL BOX IN AN APPROVED WEATHER PROOF ENCLOSURE.
2. IF ODT-A IS NOT USED, ADD JUMPER BETWEEN W1 & W2 AT AIR HANDLER.
3. LOW VOLTAGE (24 V.) FIELD WIRING MUST BE 18 AWG MIN.

| | |
|---|--|
| <p>⚠ 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!</p> | <p>⚠ 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!</p> |
|---|--|



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.






















Electrical Data

SCHEMATIC DIAGRAMS

LEGEND

| | | | | | |
|---|-------|----|--------|----|--------|
|  COLOR OF WIRE BK/BL BLACK WIRE WITH BLUE MARKER  COLOR OF MARKER | | | | | |
| BK | BLACK | OR | ORANGE | YL | YELLOW |
| BL | BLUE | RD | RED | GR | GREEN |
| BR | BROWN | WH | WHITE | PR | PURPLE |

SYMBOL

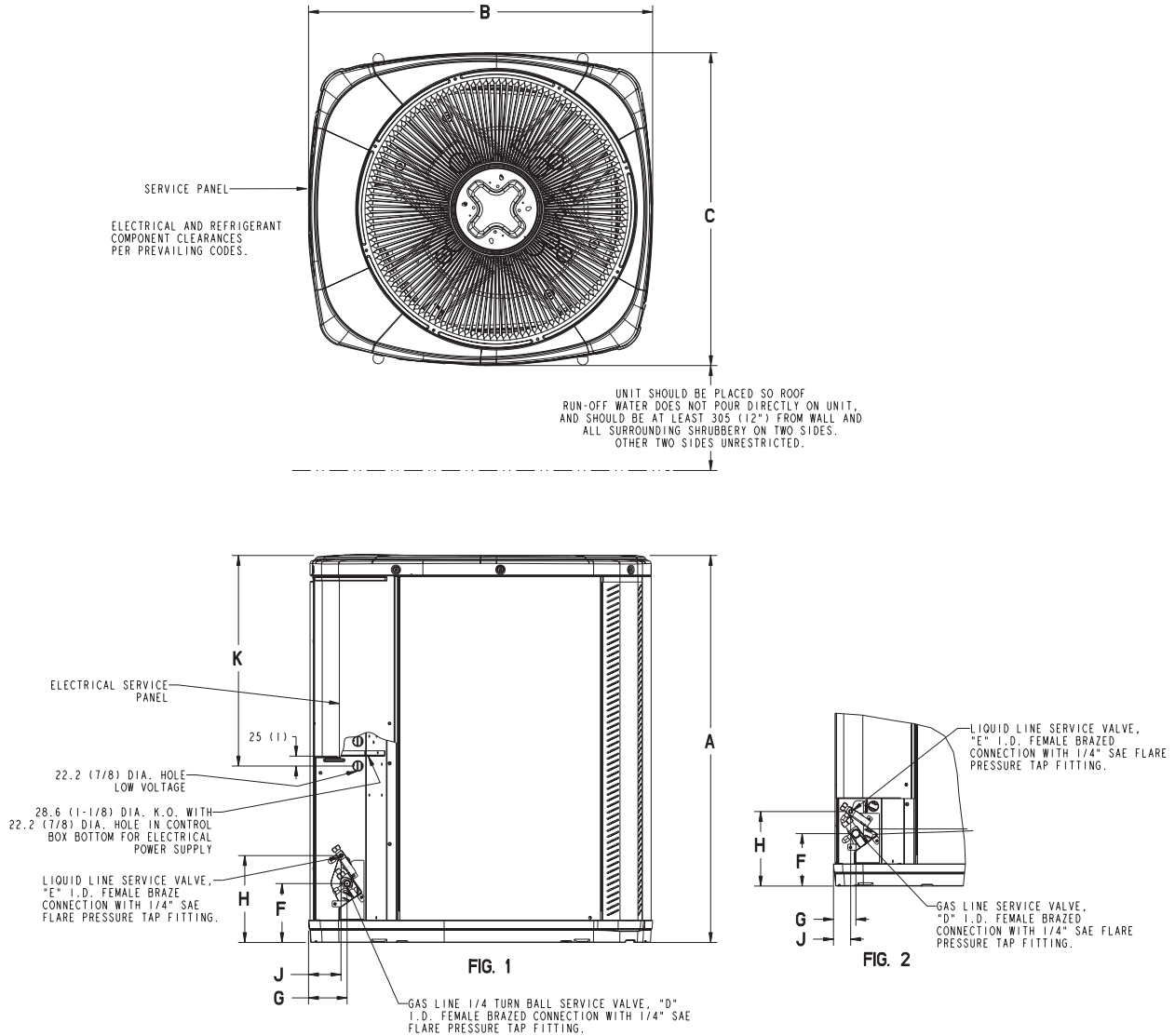
| | | | |
|---|--|---|----------------|
|  | 24 V. | } | FACTORY WIRING |
|  | LINE V. | | |
|  | 24 V. | } | FIELD WIRING |
|  | LINE V. | | |
|  | FIELD INSTALLED FACTORY WIRING | | |
|  | GROUND | | |
|  | JUNCTION | | |
|  | WIRE NUT OR CONNECTOR | | |
|  | COIL | | |
|  | CAPACITOR | | |
|  | RELAY CONTACT (N.O.) | | |
|  | RELAY CONTACT (N.C.) | | |
|  | THERMISTOR | | |
|  | INTERNAL OVERLOAD PROTECTOR | | |
|  | PRESSURE ACTUATED SWITCH | | |
|  | TEMP. ACTUATED SWITCH | | |
|  | POL. PLUG FEMALE HOUSING (MALE TERM.) | | |
|  | POL. PLUG MALE HOUSING (FEMALE TERM.) | | |
|  | RESISTOR OR HEATING ELEMENT | | |
|  | MOTOR WINDING | | |
|  | TERMINAL | | |

| | | | |
|------|-----------------------------|------|----------------------------|
| CA | COOLING ANTICIPATOR | LPCO | LOW PRESSURE CUTOUT SW. |
| 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 CUTOUT SW. | TS | HEATING-COOLING THERMOSTAT |
| IOL | INTERNAL OVERLOAD PROTECTOR | TSH | HEATING THERMOSTAT |

Dimensions

2TWB0 OUTLINE DRAWING

Note: All dimensions are in MM (Inches).



| MODELS | BASE | FIG. | A | B | C | D | E | F | G | H | J | K |
|-----------|------|------|--------------|--------------|--------------|-------|------|-------------|------------|-------------|------------|----------|
| 2TWB0012A | 2 | 2 | 651 (25-5/8) | 724 (28-1/2) | 651 (25-5/8) | 5/8 | 1/4 | 127 (5) | 57 (2-1/4) | 181 (7-1/8) | 44 (1-3/4) | 457 (18) |
| 2TWB0018A | 2 | 2 | 651 (25-5/8) | 724 (28-1/2) | 651 (25-5/8) | 5/8 | 1/4 | 127 (5) | 57 (2-1/4) | 181 (7-1/8) | 44 (1-3/4) | 457 (18) |
| 2TWB0024A | 2 | 2 | 651 (25-5/8) | 724 (28-1/2) | 651 (25-5/8) | 3/4 | 5/16 | 127 (5) | 57 (2-1/4) | 181 (7-1/8) | 44 (1-3/4) | 457 (18) |
| 2TWB0030A | 2 | 2 | 730 (28-3/4) | 724 (28-1/2) | 651 (25-5/8) | 3/4 | 5/16 | 137 (5-3/8) | 65 (2-5/8) | 210 (8-1/4) | 57 (2-1/4) | 457 (18) |
| 2TWB0036A | 2 | 2 | 730 (28-3/4) | 724 (28-1/2) | 651 (25-5/8) | 7/8 | 3/8 | 137 (5-3/8) | 65 (2-5/8) | 210 (8-1/4) | 57 (2-1/4) | 457 (18) |
| 2TWB0042A | 3 | 1 | 832 (32-3/4) | 829 (32-5/8) | 756 (29-3/4) | 7/8 | 3/8 | 143 (5-5/8) | 92 (3-5/8) | 210 (8-1/4) | 79 (3-1/8) | 508 (20) |
| 2TWB0048A | 3 | 1 | 832 (32-3/4) | 829 (32-5/8) | 756 (29-3/4) | 1-1/8 | 3/8 | 143 (5-5/8) | 92 (3-5/8) | 210 (8-1/4) | 79 (3-1/8) | 508 (20) |
| 2TWB0060A | 4 | 1 | 841 (33-1/8) | 946 (37-1/4) | 870 (34-1/4) | 1-1/8 | 3/8 | 152 (6) | 98 (3-7/8) | 219 (8-5/8) | 86 (3-3/8) | 508 (20) |

Mechanical Specification Options

General

The 2TWB0 is fully charged from the factory for up to 15 feet of piping. This unit is designed to operate at outdoor ambient temperatures as high as 115°F. Cooling capacities are matched with a wide selection of air handlers and furnace coils that are A.R.I. certified. The unit is UL listed. Exterior is designed for outdoor application.

Casing

Unit casing is constructed of heavy gauge, G90 galvanized steel and painted with a weather-resistant powder paint on all louvers, panels, prepaint on all other panels. Corrosion and weather-proof CMBP-G30 DuraTuff™ base.

Refrigerant Controls

Refrigeration system controls include condenser fan, compressor contactor and high pressure switch. High and low pressure controls are inherent to the compressor. A factory installed liquid line drier is standard.

Compressor

The Climatuff® compressor features a 5 year limited warranty, internal over temperature and pressure protection and total dipped hermetic motor. Other features include: roto lock suction and discharge refrigerant connections, centrifugal oil pump and low vibration and noise.

Condenser Coil

The outdoor coil provides low airflow resistance and efficient heat transfer. The coil is protected on all four sides by louvered panels and has a 5 year limited warranty.

Low Ambient Cooling

As manufactured, this unit has a cooling capability to 55°F. The addition of an evaporator defrost control permits operation to 40° F. The addition of an evaporator defrost control with TXV permits low ambient cooling to 30° F.

Accessories

Thermostats — Cooling only and heat/cooling (manual and automatic changeover). Sub-base to match thermostat and locking thermostat cover.

Evaporator Defrost Control — See Low Ambient Cooling.



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