



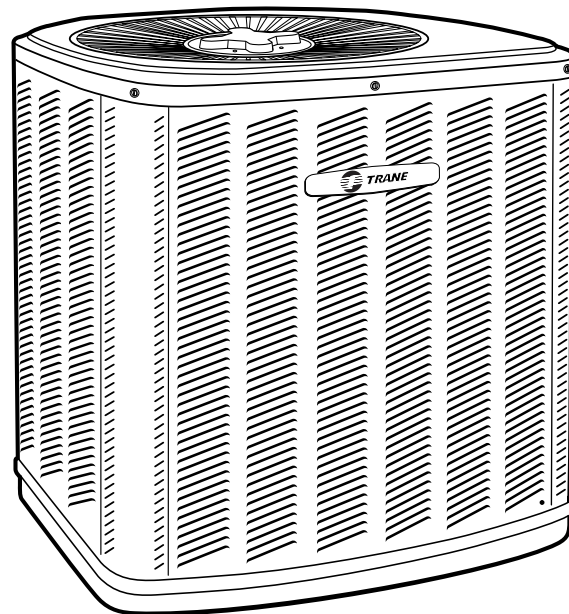
TRANE®

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

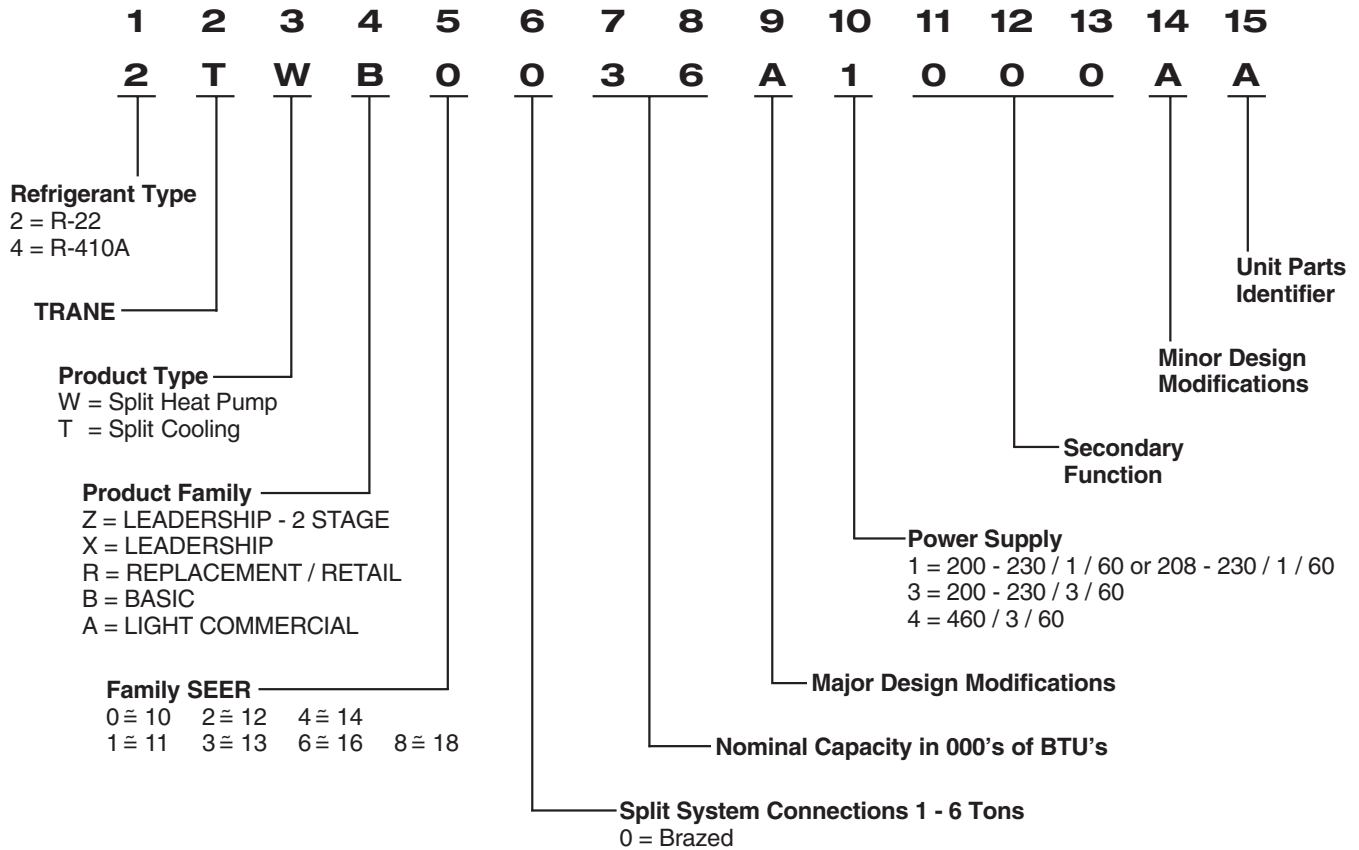
A.R.I. STANDARD 210/240 RATING CONDITIONS — (A) Cooling 80°F. D.B., 67°F. W.B. air entering indoor coil, 95°F. D.B. air entering outdoor coil. (B) High Temperature Heating 47°F. D.B., 43°F. W.B. air entering outdoor coil, 70°F. D.B. air entering indoor coil. (C) Low Temperature Heating 17°F. D.B., 15°F. 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 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
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 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	700	0.98
HIGH	900	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
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	CORRECTION FACTORS		
			MBTUH TOT	MBTUH SEN	SYST KW
TWE042C14	RATED	1600	0.97	0.97	0.99
	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	CORRECTION FACTORS		
			MBTUH TOT	MBTUH SEN	SYST KW
TWE060C/D15	RATED	1800	1.04	1.07	1.06
	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	1.20
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 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 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
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
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)

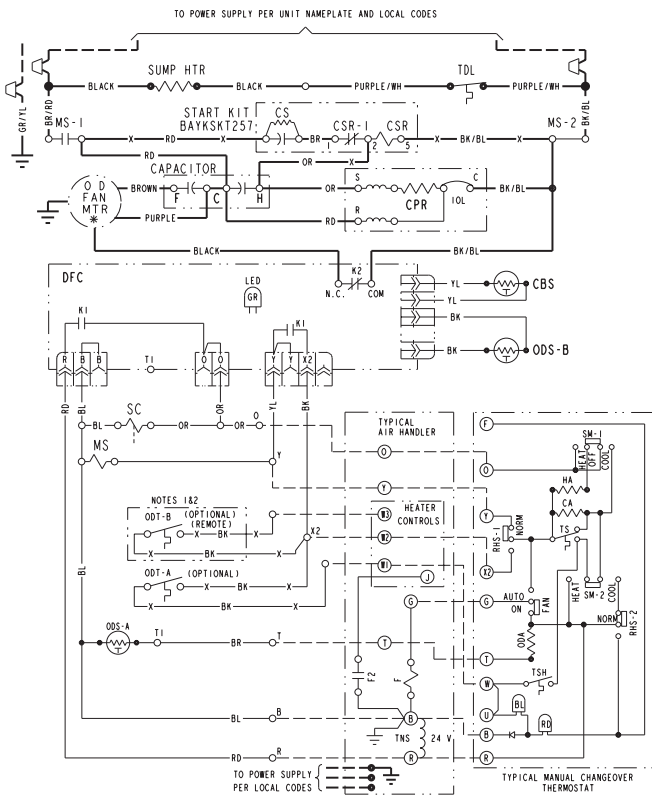
INDOOR MODEL		CFM	MBTUH TOT	SYST KW
TWE060C/D15	RATED	1900	1.00	1.00
	LOW	1650	0.99	0.98
	HIGH	2150	1.01	1.02
TWG048A14	RATED	1600	0.94	0.98
	LOW	1400	0.93	0.96
	HIGH	1800	0.95	1.00
TWG060A15	RATED	2000	0.99	0.99
	LOW	1750	0.98	0.97
	HIGH	2250	1.00	1.01
TXA060C5	RATED	1700	0.97	0.95
	LOW	1475	0.96	0.93
	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:

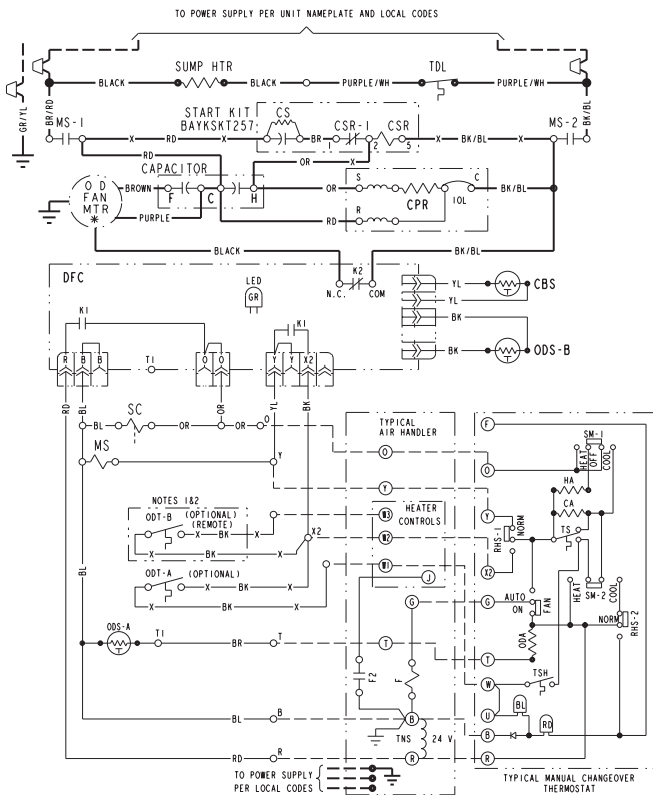
1. IF ODT-B IS NOT USED, ADD JUMPER BETWEEN W2 & W3 AT AIR HANDLER.
IF USED, ODT-B MUST BE MOUNTED REMOTE OF CONTROL BOX IN AN APPROVED WEATHER PROOF ENCLOSURE.
2. IF ODT-A IS NOT USED, ADD JUMPER BETWEEN W1 & W2 AT AIR HANDLER.
3. LOW VOLTAGE (24 V.) FIELD WIRING MUST BE 18 AWG MIN.

<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>
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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>
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
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
BL	BLUE	RD	RED
BR	BROWN	WH	WHITE
YL	YELLOW	GR	GREEN
		PR	PURPLE

SYMBOL

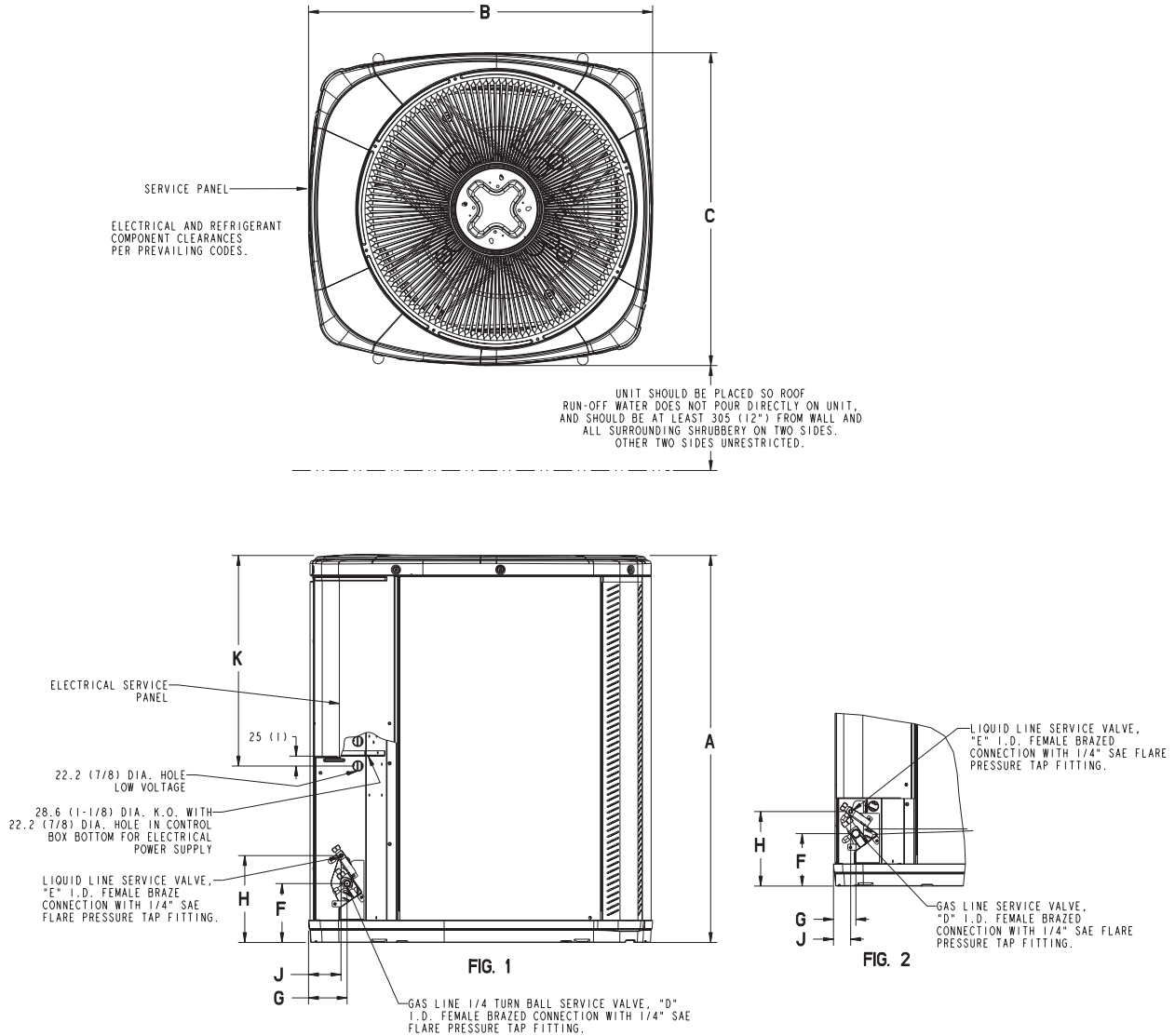
	24 V.	}	FACTORY WIRING
	LINE V.		
	24 V.	}	FIELD WIRING
	LINE V.		
	FIELD INSTALLED FACTORY WIRING		
	GROUND		
	JUNCTION		
	WIRE NUT OR CONNECTOR		
	COIL		
	CAPACITOR		
	RELAY CONTACT (N.O.)		
	RELAY CONTACT (N.C.)		
	THERMISTOR		
	INTERNAL OVERLOAD PROTECTOR		
	PRESSURE ACTUATED SWITCH		
	TEMP. ACTUATED 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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Literature Order Number	SSP-PRC008-EN	P.I.
File Number	—	
Supersedes	New	
Stocking Location	PI Louisville & Webb/Mason-Houston	11/02

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