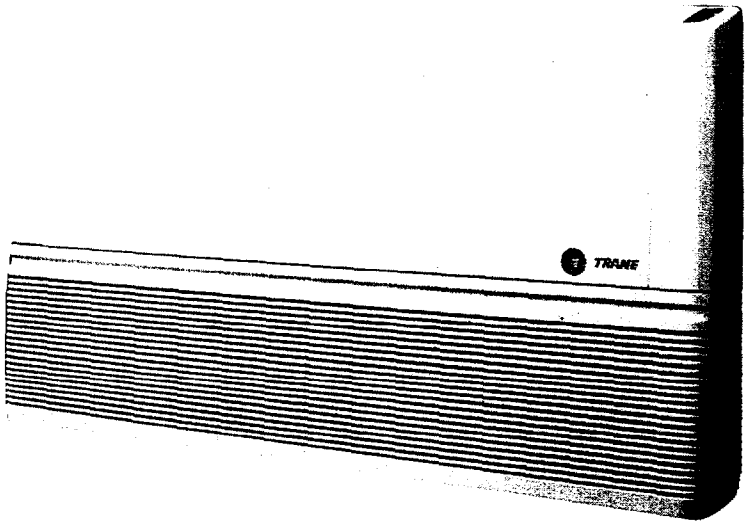
TRANE™

Product Bulletin

STYLUS

SPLIT SYSTEM AIR CONDITIONING 1-5 TONS
CONVERTIBLE SYSTEM
MCX/TTK/TTB/TTR/TTA MODEL 60 Hz



Air Handling Models
MCX512 E1
MCX518 E1
MCX524 E1
MCX536 E1
MCX042 E1
MCX048 E1
MCX060 E1

Ordering No. **MCX 6PRC804_EN**
November 1997

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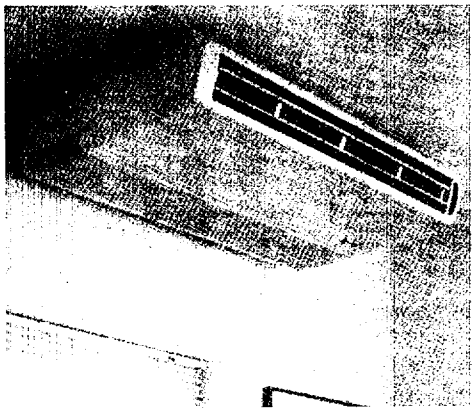
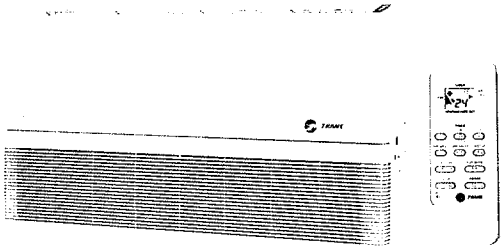
Features and Benefits



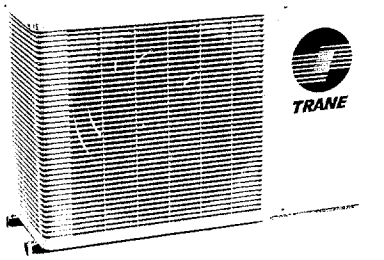


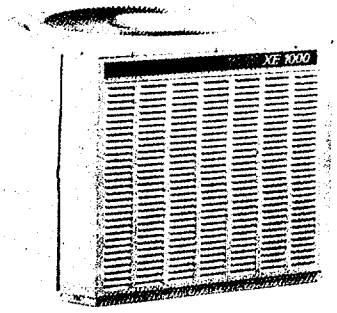
MCX Air Handler
Features :

- L-Shaped drain pan
- Insulation— closed cell foam
- Choice of control and electric heat options
- Models with Air Sweep features available

Benefits :

- Effectively drains condensate regardless of which position the air handler is in
- Provides clean, dust-free airflow
- Allows for best selection of features to meet your needs. Choices include factory wired control or wireless infrared control with Sleep Mode and Timer Functions.





Condensing Units
Features :

- Powder paint process finish
- Fully charged with R-22
- Innovative compressor

Benefits :

- Allows for full covering of all edges and a uniform paint finish for a smooth, attractive and environmentally durable finish
- For up to 25 feet (7.5 meters) of piping for easy, low cost finish
- You get the benefit of Trane's technology development and expertise in compressors. Approximately 40 years of experience resulting in over one million tons of commercial and industrial compressors manufactured per year — including the U.S. Climatuff™ series and Copeland Brand

System Performance

		Cooling Capacity 95 F Indoor			
Outdoor Unit	Stylus Indoor Unit	MBH	KW	CFM	CMH
Convertible					
TTB012C1OOA	MCX512E1_ _H/J	14.8	4.3	400	680
TTB018C1OOA	MCX518E1_ _H/J	18.2	5.3	475	808
TTB024C1OOA	MCX524E1_ _H/J	22.5	6.6	675	1148
TTB512C1OOA	MCX512E1_ _H/J	14.9	4.36	400	680
TTB518C1OOA	MCX518E1_ _H/J	17.5	5.13	475	790
TTB524C1OOA	MCX524E1_ _H/J	23.4	6.78	675	1148
TTB530C1OOA	MCX536E1_ _H	30.9	9.06	915	1556
TTB536C1OOA	MCX536E1_ _H	36.2	10.80	915	1556
TTR030C1OOA	MCX536E1_ _H	31.5	9.2	915	1556
TTR036C1OOA	MCX536E1_ _H	36.2	10.6	915	1556
TTR042C1OOA	MCX042E1_ _A	46.1	13.52	1245	2117
TTR048C1OOA	MCX042E1_ _A	48.1	14.11	1245	2117
TTR048C1OOA	MCX048E1_ _A	48.2	14.11	1200	2040
TTR060C1OOA	MCX060E1_ _A	59.7	17.48	1315	2236
TTA030C3OOA	MCX536E1_ _H	31.7	9.3	915	1556
TTA030C4OOA	MCX536E1_ _H	31.7	9.3	915	1556
TTA036C3OOA	MCX536E1_ _H	36.6	10.7	915	1556
TTA036C4OOA	MCX536E1_ _H	36.6	10.7	915	1556
TTA042C3OOA	MCX042E1_ _A	46.1	13.52	1245	2117
TTA042C4OOA	MCX042E1_ _A	46.1	13.52	1245	2117
TTA048C3OOA	MCX042E1_ _A	48.1	14.11	1245	2117
TTA048C4OOA	MCX042E1_ _A	48.1	14.11	1245	2117
TTA048C3OOA	MCX048E1_ _A	48.2	14.11	1200	2040
TTA048C4OOA	MCX048E1_ _A	48.2	14.11	1200	2040
TTA060C3OOA	MCX060E1_ _A	60.1	17.62	1315	2236
TTA060C4OOA	MCX060E1_ _A	60.1	17.62	1315	2236
TTK512P1OOA	MCX512E_ _H/J	12.3	3.6	400	680
TTK512L1OOC	MCX512E1_ _H/J	12.1	3.5	400	680
TTK518L1OOC	MCX518E1_ _H/J	18.4	5.4	475	808
TTK524L1OOC	MCX524E1_ _H/J	24.3	7.1	675	1148
TTK530K1OOC	MCX536E1_ _H	30.8	9.0	915	1156
TTK536K1OOC	MCX536E1_ _H	36.1	10.6	915	1156
TTK536K4OOC	MCX536E1_ _H	36.1	10.6	915	1156
TTK042K4OOA	MCX042E1_ _A	43.4	12.7	1245	2117
TTK048K4OOBB	MCX048E1_ _A	48.3	14.2	1200	2040
TTK060K4OOB	MCX060E1_ _A	56.7	16.6	1315	2236

MCX-E Models available with optional electric heat, and factory wired or wireless infrared control.

Model Nomenclature

M	C	X	5	1	2	E	1	0	R	H
1	2	3	4	5	6	7	8	9	10	11

Digit 1
M = Mini-split

Digit 2
C = Cooling only

Digit 3 = Configuration
W = Wall
F = Floor
C = Cassette
S = Ceiling suspended
x = Convertible

Digit 4 = Refrigerant Connection
7 = Quick connect
5 = Flare
0 = Sweat (Brazed)

Digit 5,6 = Nominal Capacity
12 12 MBH
18 = 18 MBH
24 = 24 MBH
30 = 30 MBH
42 = 42 MBH
48 = 48 MBH
60 = 60 MBH

Digit 7
E = Development Sequence

Digit 8
1 = Voltage
B = 220/240/50/1
D = 400/50/3
380-415/50/3
1 = 200-240/60/1
4 = 460/60/3

Digit 9
O = Electric Heat
0 = 0 kW
E = 2 kW
G = 3 kW
H = 4 kW
J = 5 kW
K = 6 kW
L = 7 kW

Digit 10
R = Wireless Infrared Remote
W = Wired

Digit 11
H = Design Change

General Data 60 Hz

Product Specifications

INDOOR UNITS				
MODEL	MCX512E10-J MCX512E1E-J(*)	MCX518E10-J MCX518E1G-J(*)	MCX524E10-J MCX524E1H-J(*)	MCX536E10-H MCX536E1K-H(*)
POWER CONN.- Volts/Ph/Hz	200-240/1/60	200-240/1/60	200-240/1/60	200-240/1/60
Fuse Size Max (amps)	LOCAL CODE	LOCAL CODE	LOCAL CODE	LOCAL CODE
INDOOR COIL-Type	Plate Fin	Plate Fin	Plate Fin	Plate Fin
No. Rows	2	3	3	4
Fins per in. (25.4 mm)	15	15	14	16
Coil Face Area (ft^2) (m^2)	2.1 (0.19)	2.1 (0.19)	2.8 (0.26)	3.45 (0.32)
Coil Tube Size (in)(mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
Refrigerant Control	Capillary Tube	Capillary Tube	Capillary Tube	Capillary Tube
Drain Connections (in)(mm)	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)
INDOOR FAN-Type		Forward Curved Centrifugal		
Dia./Width-(in)	6x7	6x7	6x8	6x7
Dia./Width-(mm)	152x178	152x178	152x203	152x178
Qty. Used	2	2	2	4
Type Drive-No. Speeds	Direct-3	Direct-3	Direct-3	Direct-3
Air flow (Hi/Med/Lo)				
CFM @ 0.0 in. w.g.	400/350/300	475/400/325	675/505/400	915/685/615
CMH @ 0.0 mm w.g.	680/55/518	810/680/555	1150/858/680	1556/1164/1045
No Motors (HP)-(KW)	1(1/25)-(0.030)	1(1/20)-(0.037)	1(1/12)-(0.062)	2(1/15)-(0.10)
Motor Speed (RPM)-(RPS)	1100-18.3	1250-20.8	1200-20.0	1350-22.5
Volts/Ph/Hz	220/1/60	220/1/60	220/1/60	220/1/60
R.L.Amps	0.41	0.43	0.64	2x0.50
L.R.Amps	0.48	0.61	0.78	2x0.75
ELECTRIC HEATER DATA (*)				
Heater Rating (KW)	2.0	3.0	4.0	6.0 (2 elements)
Heater R.L.Amps	9.1	13.6	18.2	27.2
MCA	11.9	17.5	23.5	35.5
FILTERS-Furnished	Yes	Yes	Yes	Yes
Quantity	3	3	3	4
Size (HxWxD)				
(in)	1-8.00x9.84x0.19 2-8.00x14.06x0.19	1-8.00x9.84x0.19 2-8.00x14.06x0.19	1-8.00x19.69x0.19 2-8.00x14.06x0.19	2-8.00x14.80x0.19 2-8.00x14.06x0.19
(mm)	1-203-250x5 2-203-357x5	1-203x250x5 2-203x357x5	1-203x500x5 2-203x357x5	2-203x376x5 2-203x357x5
DIMENSIONS (HxWxD)				
Crated (in)	27.1x44.7x11.0	27.1x44.7x11.0	27.1x54.6x12.0	27.1x64.4x12.0
(mm)	687x1136x279	687x1136x279	687x1186x304	687x1636x304
Uncrated (in)	24.7x42.7x9.6	24.7x42.7x9.6	24.7x52.6x10.5	24.7x62.4x10.5
(mm)	627x1085x243	627x1085x243	627x1335x268	627x1585x268
WEIGHT-LBS. (KG)				
Shipping-Crated				
Without Elec. Htr.	79 (36)	86 (39)	101 (46)	136 (62)
With Elec Htr	82 (37)	90 (41)	104 (47)	141 (64)
Net-Uncrated				
Without Elec. Htr.	73 (33)	79 (35)	90 (41)	125 (57)
With Elec. Htr.	75 (34)	82 (37)	93 (42)	130 (59)

11th Digit "H" = Models WITHOUT Air Sweep Feature ; 11th Digit "J" = Models WITH Air Sweep Feature

(*) Models with electric heaters have an alphabetic letter in the ninth digit, i e, E, G, H, and K

MCA - Minimum Circuit Ampacity; calculated as follows : 125% of heater R.L. Amps plus the fan motor R.L. Amps.

General Data 60 Hz

Product Specifications

INDOOR UNITS			
MODEL	MCX042E1OWA MCX042E1JWA	MCX048E1OWA MCX048E1KWA	MCX060E10WA MCX060E11LWA
POWER CONN.- Volts/Ph/Hz	200-+240/1/60	200-240/1/60	200-240/1/60
Fuse Size Max (amps)	LOCAL CODE	LOCAL CODE	LOCAL CODE
INDOOR COI-Type	Slit Fin	Slit Fin	Slit Fin
No. Rows	3	4	4
Fins per in.	16	15	17
Coil Face Area (Sp.ft.)	4.13	4.13	4.82
Coil Tube Size (in.)	3/8	3/8	3/8
Refrigerant Control	Capillary Tube	Capillary Tube	Capillary Tube
Drain Connections (in.)	3/4	3/4	3/4
INDOOR FAN-Type		Forward Curved Centrifugal	
Dia./Width-(in.)	6x9	6x9	6x9
Qty. Used	4	4	4
Type Drive-No. Speeds	Direct-3	Direct-3	Direct-3
Air flow (Hi/Med/Lo)			
CFM @ 0.0 in. w.g.	1245/1165/1110	1200/1120/1075	1315/1160/1060
No Motors (HP)	2 (1/4)	2 (1/4)	2 (1/4)
Motor Speed (RPM)	1450	1450	1450
Volts/Ph/Hz	220/1/60	220/1/60	220/1/60
R.L.Amps	2x1.42	2x1.42	2x1.42
ELECTRIC HEATER DATA			
Heater Rating (KW)	5 (2 elements)	6 (2 elements)	7 (2 elements)
Heater R.L.Amps	25	27.2	31.8
MCA	34.8	37.55	43.3
FILTERS-Furnished	Yes	Yes	Yes
Total Quantity	4	4	5
Quantity per size (mm.)	2 - 203 x 357 x 5 2 - 203 x 500 x 5	2 - 203 x 357 x 5 2 - 203 x 500 x 5	2 - 203 x 357 x 5 2 - 203 x 500 x 5 1 - 203 x 250 x 5
DIMENSIONS (HxWxD)			
Crated (shipping) (mm.)	687 x 1886 x 304	687 x 1886 x 304	687 x 2136 x 304
Uncrated (mm.)	612 x 1835 x 268	612 x 1835 x 268	612 x 2085 x 268
WEIGHT (KG)			
Shipping - (crated)			
Without Elec. Htr.	79	82	92
With Elec. Htr.	81	84	95
Net (uncrated)			
Without Elec. Htr.	72	75	84
With Elec. Htr.	74	77	87

11th Digit "H" = Models WITHOUT Air Sweep Feature ; 11th Digit "J" = Models WITH Air Sweep Feature
(*) Models with electric heaters have an alphabetic letter in the ninth digit, i e, E, G, H, and K
MCA - Minimum Circuit Ampacity; calculated as follows : 125% of heater R.L. Amps plus the fan motor R.L. Amps.

General Data 60 Hz

Product Specifications

OUTDOOR UNITS			
MODEL	TTB012C100A	TTB018C100A	TTB024C100A
POWER CONN.--Volts/Ph/Hz	200/230/1/60	200/230/1/60	200/230/1/60
Fuse Size-max. amps	Per Local Codes	Per Local Codes	Per Local Codes
COMPRESSOR-Type	Climatuff®	Climatuff®	Climatuff®
No. Used-No. Speeds	1-1	1-1	1-1
Volts/Ph/Hz	200/230/1/60	200/230/1/60	200/230/1/60
R.L. Amps (1)	7.0	7.0	10.0
L.R. Amps	45.0	45.0	60.0
OUTDOOR FAN-Type	Propeller	Propeller	Propeller
No.Used	1	1	1
Diameter (in)-(mm)	13.7-348	13.7-348	13.7-348
Type Drive-No. Speeds	Direct-1	Direct-1	Direct-1
CFM @ 0.0 in. w.g.	1485	1485	1425
CMH @ 0.0 mm. w.g.	2523	2523	2421
No. Motors - HP	1-1/8	1-1/8	1-1/8
Motor Speed (RPM)	1-(1650)	1-(1650)	1-(1650)
F.L. Amps	0.83	0.83	0.83
OUTDOOR COIL - Type	Spine Fin ™	Spine Fin ™	Spine Fin ™
No. Rows	1	1	1
Fins per Inch	24	24	24
Face Area (Sq. Ft)-(Sq.M.)	6.62-0.62	6.62-0.62	6.62-0.62
Tube Size (in)-(mm)	3/8-9.53	3/8-9.53	3/8-9.53
REFRIGERANT			
Lbs. of R-22 (2)	2 lbs., 12 oz.	3 lbs., 3 oz.	3 lbs., 10 oz.
Kg. of R-22 (2)	1.25	1.45	1.64
Line Size-OD Gas in)-(mm)	5/8-15.88	5/8-15.88	3/4-19.0
Line Size-OD Liq. (in)-(mm)	1/4-6.35	1/4-6.35	5/16-7.94
DIMENSIONS (H x W x D)			
Crated (in)	24.75 x20.0x20.0	24.75x20.0x20.0	24.75x20.0x20.0
(mm)	629x508x508	629x508x508	629x508x508
Uncrated (in)	24.3x18.3x18.3	24.3x18.3x18.3	24.3x18.3x18.3
(mm)	617x465x465	617x465x465	617x465x465
WEIGHT - lbs. (kg)			
Shipping	118.0 (53.5)	118.0 (53.5)	130.0 (59.0)
Net	112.0 (50.8)	112.0 (50.8)	125.0 (56.7)

1) At ARI rating conditions 80 degrees F (DB)/67 degrees F (WB)-95 degrees F(DB)
2) Rated for 25 feet (7.5 meters) of evacuated refrigerant piping.

General Data 60 Hz

TTB5 Outdoor Condensing Unit Product Specifications [1,2]

Model	TTB512C100A0	TTB518C100A0	TTB524C100A0	TTB530C100A0	TTB536C100A0
Power Conns.- V/PH/HZ	200-230/1/60		200-230/1/60	200-230/1/60	200-230/1/60
Min. Brch. Cir. Ampacit[3]	11		15	19	20
Br. Cir. Max. (Amps)	15		25	30	30
Prot. Rtg. Recmd. (Amps)	15		25	30	30
Compressor	Climatuff		Climatuff	Climatuff	Climatuff
No. Used — No. Speeds	1 — 1		1 — 1	1 — 1	1 — 1
Volts/Ph/Hz	200-230/1/60		200-230/1/60	200-230/1/60	200-230/1/60
R.L. Amps — L.R. Amps	7.7 — 45		10.8 — 52	13.9 — 60	14.9 — 79
Voltage Utilization Range	180-253		180-253	180-253	180-253
Brch. Cir. Selec Cur. Amps	7.7		10.8	13.9	14.9
Outdoor Fan — Type	Propeller		Propeller	Propeller	Propeller
Dia. — No. Used — In. (mm)	13.7 (348) — 1		13.7 (348) — 1	18 (457) — 1	18 (457) — 1
Type Drive — No. Speeds	Direct — 1		Direct — 1	Direct — 1	Direct — 1
Cfm (L/s) @ 0.0 In. W.G.[4]	1485 (701)		1425 (673)	2300 (1085)	2600 (1227)
No. Motors	1		1	1	1
Motors Hp (W)	1/8 (93)		1/8 (93)	1/8 (124)	1/8 (124)
Motor Speed R.P.M.	1620		1620	1100	1100
Volts/Ph/Hz	200-230/1/60		200-230/1/60	200-230/1/60	200-230/1/60
F.L. Amps	1.1		1.1	1.30	1.30
Outdoor Coil — Type	Spine Fin ™		Spine Fin ™	Spine Fin ™	Spine Fin ™
Rows — Fins/In. (Fins/mm)	1 — 24 (1)		1— 24 (1)	1 — 24 (1)	1 — 24 (1)
Face Area — ft² (m²)	6.62 (.62)		6.62 (.62)	10.96	14.93
Tube Size — In. (mm)	3/8 (10)		3/8 (10)	3/8 (10)	3/8 (10)
Refrigerant					
R-22 O.D Unit[5] — Lbs. (kg)	2-lbs., 6 oz. (1.08)	3 lbx., 6 oz. (1.53)	3 lbs., 10 oz. (1.64)	4-lbs., 15 oz. (2.24)	6 lbs., 11 oz. (3.03)
Factory Supplied	Yes		Yes	Yes	Yes
Line Size — O.D. Gas [6] — In. (mm)	5/8 (16)		3/4 (20)	3/4 (20)	3/4 (20)
Line Size — O.D. Liq.[6] — In. (mm)	1/4 (16)		5/16 (8)	5/16 (8)	5/16 (8)
Dimensions	HxWxD		HxWxD	HxWxD	HxWxD
Outdoor Unit — Crated — In. (mm)	24 3/4 x 20 x 20 (629 x 508 x 508)		24 3/4 x 20 x 20 (629 x 508 x 508)	26 3/4 x 26 7/8 x 26 7/8 (670 x 683 x 683)	33 3/8 x 26 7/8 x 26 7/8 848 x 683 x 683)
Uncrated	See Outline Dwg.		See Outline Dwg.	See Outline Dwg.	See Outline Dwg.
Weight					
Shipping — Lbs. (kg)	118 (53.5)		130 (60.0)	176 (79.8)	184 (83.5)
Net — Lbs. (kg)	112 (50.8)		125 (56.7)	166 (75.3)	174 (78.9)

Notes :

1 Rated in accordance with A.R.I. Standard 210/240.

2 Rated in accordance with A.r.I. Standard 270.

3 Calculated in accordance with National Electric Code. Suitable for use with 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.; max. lift — suction 60 ft.; Max. length of precharged tubing 50 ft. For greater length refer to Refrigerant Piping manual Pub. No. 32-3009.

General Data 60 Hz

OUTDOOR UNITS ① ②	TTR030C100A	TTR036C100A	TTR042C100A
POWER CONNS. — V/PH/HZ	200/230/1/60	200/230/1/60	200/230/1/60
MIN. BRCH. CIR. AMPACITY ③	20	25	30
BR. CIR. } MAX. (AMPS)	30	40	50
PROT. RTG. } RECMD. (AMPS)	30	40	50
NOISE RATING (BELS) ②	7.8	7.8	8.0
COMPRESSOR	CLIMATUFF ®	CLIMATUFF ®	CLIMATUFF ®
NO. USED - NO. SPEEDS	1-1	1-1	1-1
VOLTS/PH/HZ	200/230/1/60	200/230/1/60	200/230/1/60
R.L. AMPS - L.R. AMPS	13.8 - 79	16.2 - 92	22.0 - 119
BRCH. CIR. SELEC. CUR. AMPS	14.6	18.6	23.0
OUTDOOR FAN — TYPE	PROPELLER	PROPELLER	PROPELLER
DIA. (IN.) - NO. USED	18 - 1	18 - 1	18 - 1
TYPE DRIVE - NO. SPEEDS	DIRECT - 1	DIRECT - 1	DIRECT - 1
CFM @ 0.0 IN. W.G. ④	1944	2175	2238
NO. MOTORS - HP	1 1/5	1 - 1/4	1 - 1/5
MOTOR SPEED R.P.M.	1075	1075	1075
VOLTS/PH/HZ	200/230/1/60	200/230/1/60	200/230/1/60
F.L. AMPS	1.60	1.70	1.60
OUTDOOR COIL — TYPE	SPINE FIN™	SPINE FIN™	SPINE FIN™
ROWS - F.P.I.	1 - 24	1 - 24	1 - 24
FACE AREA (SQ. FT.)	12.22	12.22	16.84
TUBE SIZE (IN/)	3/8	3/8	3/8
REFRIGERANT			
LBS. — R-22 (O.D. UNIT) ⑤	4-LBS., 10-OZ.	5-LBS., 12-OZ	6-LBS., 14-OZ
FACTORY SUPPLIED	YES	YES	YES
LINE SIZE - IN. O.D. GAS ⑥	3/4	7/8	7/8
LINE SIZE - IN. O.D. LIQ. ⑥	5/16	3/8	3/8
FCCV			
RESTRICTOR ORIFICE SIZE	0.067	0.071	0.080
DIMENSIONS	H x W x D	H x W x D	H x W x D
OUTDOOR UNIT - CRATED (IN.)	25x 30 x 26-1/2	25 x 30 x 26-1/2	33-1/4 x 30 x 26-1/2
UNCRATED	SEE OUTLINE DWG.	SEE OUTLINE DWG.	SEE OUTLINE DWG.
WEIGHT			
SHIPPING (LBS.)	162	185	216
NET (LBS.)	152	176	205

① RATED IN ACCORDANCE WITH A.R.I. STANDARD 210/240.
② RATED IN ACCORDANCE WITH A.R.I. STANDARD 270.
③ CALCULATED IN ACCORDANCE WITH NATL. ELECTRIC CODE, SUITABLE FOR USE WITH 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; MAX. LIFT - SUCTION 60 FT; MAX LIFT - LIQUID 60 FT. MAX, LENGTH OF PRECHARGED TUBING 50 FT. FOR GREATER LENGTH REFER TO REFRI-GERANT PIPING MANUAL PUB. NO. 32-3009.

General Data 60 Hz

OUTDOOR UNITS ① ②	TTR048C100A	TTR060C100A
POWER CONNS. — V/PH/HZ	200/230/1/60	208/230/1/60
MIN. BRCH. CIR. AMPACITY ③	32	38
BR. CIR. } MAX. (AMPS)	50	60/50
PROT. RTG. } RECMD. (AMPS)	50	60/50
NOISE RATING (BELS)②	8.0	8.0
COMPRESSOR	CLIMATUFF ®	CLIMATUFF ®
NO. USED - NO. SPEEDS	1-1	1-1
VOLTS/PH/HZ	200/230/1/60	200/230/1/60
R.L. AMPS - L.R. AMPS	24.0 - 119	29.1 - 141
BRCH. CIR. SELEC. CUR. AMPS	24.0	29.1
OUTDOOR FAN — TYPE	PROPELLER	PROPELLER
DIA. (IN.) - NO. USED	18 - 1	22 - 1
TYPE DRIVE - NO. SPEEDS	DIRECT - 1	DIRECT - 1
CFM @ 0.0 IN. W.G.④	2215	3031
NO. MOTORS - HP	1 - 1/5	1 - 1/4
MOTOR SPEED R.P.M.	1075	825
VOLTS/PH/HZ	200/230/1/60	200/230/1/60
F.L. AMPS	1.60	1.90
OUTDOOR COIL — TYPE	SPINE FIN™	SPINE FIN™
ROWS - F.P.I.	1 - 24	1 - 24
FACE AREA (SQ. FT.)	16.84	25.50
TUBE SIZE (IN/)	3/8	3/8
REFRIGERANT		
LBS. — R-22 (O.D. UNIT) ⑤	7-LBS.,2-0Z.	9-LBS.,2 0Z
FACTORY SUPPLIED	YES	YES
LINE SIZE - IN. O.D. GAS ⑥	1 1/8	1 1/8
LINE SIZE - IN. O.D. LIQ. ⑥	3/8	3/8
FCCV		
RESTRICTOR ORIFICE SIZE	0.083	0.092
DIMENSIONS	H x W x D	H x W x D
OUTDOOR UNIT - CRATED (IN.)	33 - 1/4 x 30 x 26 - 1/2	41 - 1/4 x 34 - 3/4 x 30 - 1/2
UNCRATED	SEE OUTLINE DWG.	SEE OUTLINE DWG.
WEIGHT		
SHIPPING (LBS.)	216	257
NET (LBS.)	205	242

① RATED IN ACCORDANCE WITH A.R.I. STANDARD 210/240.
② RATED IN ACCORDANCE WITH A.R.I. STANDARD 270.
③ CALCULATED IN ACCORDANCE WITH NATL. ELECTRIC CODE, SUITABLE FOR USE WITH 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; MAX. LIFT - SUCTION 60 FT; MAX LIFT - LIQUID 60 FT. MAX, LENGTH OF PRECHARGED TUBING 50 FT. FOR GREATER LENGTH REFER TO REFRI-GERANT PIPING MANUAL PUB. NO. 32-3009.

General Data 60 Hz

OUTDOOR UNITS ① ②	TTA030C300A	TTA030C400A	TTA036C300A	TTA036C400A	TTA042C300A	TTA042C400A
POWER CONNS. — V/PH/HZ	200/230/3/60	460/3/60	200/230/3/60	460/3/60	200/230/3/60	460/3/60
MIN. BRCH. CIR. AMPACITY ③	14	7	17	7	20	10
BR. CIR. } MAX. (AMPS)	20	15	25	15	30	15
PROT. RTG. } RECMD. (AMPS)	20	15	25	15	30	15
NOISE RATING (BELS) ②	8.0	8.0	8.0	8.0	8.0	8.0
COMPRESSOR	CLIMATUFF ®	CLIMATUFF ®	CLIMATUFF ®	CLIMATUFF ®	CLIMATUFF ®	CLIMATUFF ®
NO. USED - NO. SPEEDS	1-1	1-1	1-1	1-1	1-1	1-1
VOLTS/PH/HZ	200/230/3/60	460/3/60	200/230/3/60	460/3/60	200/230/3/60	460/3/60
R.L. AMPS - L.R. AMPS	10-75	5-38	12-101	5-51	14.9-101	6-51
BRCH. CIR. SELEC. CUR. AMPS	10	5	12	5	14.4	7
OUTDOOR FAN — TYPE	PROPELLER	PROPELLER	PROPELLER	PROPELLER	PROPELLER	PROPELLER
DIA. (IN.) - NO. USED	18 - 1	18 - 1	18 - 1	18 - 1	18 - 1	18 - 1
TYPE DRIVE - NO. SPEEDS	DIRECT - 1	DIRECT - 1	DIRECT - 1	DIRECT - 1	DIRECT - 1	DIRECT - 1
CFM @ 0.0 IN. W.G ④	1944	1944	2175	2175	2238	2238
NO. MOTORS - HP	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4
MOTOR SPEED R.P.M.	1075	1075	1075	1075	1075	1075
VOLTS/PH/HZ	200/230/1/60	460/1/60	200/230/1/60	460/1/60	200/230/1/60	460/1/60
F.L. AMPS 1.60	1.7	0.80	1.7	0.8	1.7	0.8
OUTDOOR COIL — TYPE	SPINE FIN™	SPINE FIN™	SPINE FIN™	SPINE FIN™	SPINE FIN™	SPINE FIN™
ROWS - F.P.I.	1-24	1-24	1-24	1-24	1-24	1-24
FACE AREA (SQ. FT.)	12.22	12.22	12.22	12.22	16.84	16.84
TUBE SIZE (IN/)	3/8	3/8	3/8	3/8	3/8	3/8
REFRIGERANT						
LBS. — R-22 (O.D. UNIT) ⑤	4-LBS., 10.0Z	4-LBX., 10-0Z	5-LBS., 12-0Z	5-LBS., 12-0Z	6-LBS., 14-0Z	6-LBS., 14-0Z
FACTORY SUPPLIED	YES	YES	YES	YES	YES	YES
LINE SIZE - IN. O.D. GAS ⑥	3/4	3/4	7/8	7/8	7/8	7/8
LINE SIZE - IN. O.D. LIQ. ⑥	5/16	5/16	3/8	3/8	3/8	3/8
FCCV — RESTRICTOR ORIFICE SIZE	0.067	0.067	0.071	0.071	0.080	0.080
OIMENSIONS	H x W x D	H x W x D	H x W x D	H x W x D	H x W x D	H x W x D
OUTDOOR UNIT - CRATED (IN.)	25 x 26-1/2 x 30	25 x 26-1/2 x 30	25 x 26-1/2 x 30	25 x 26-1/2 x 30	33-1/4 x 26-1/2 x 30	33-1/4 x 26-1/2 x 30
UNCRATED	SEE OUTLINE DWG.	SEE OUTLINE DWG.	SEE OUTLINE DWG.	SEE OUTLINE DWG.	SEE OUTLINE DWG.	SEE OUTLINE DWG.
WEIGHT Shipping (lbs.) — Net (lbs.)	161-152	161-152	190-181	190-181	211-200	211-200

[2] Calculated in accordance with National Electric Code. Suitable for use with HACR citout breakers or fuses.
[4] Standard Air — Ory Coil — Outdoor.
[5] This value approximate. For more precise value see unit nameplate and service instruction.
[6] Max. linear length 80 ft., Max. Idt — Suction 60 ft., Max. life — Liquid 60 ft. Max, length of frechanged tubing 50 ft. For greater length refer to Refrigerant piping Manaual Pub. No. 32-3009.

General Data 60 Hz

OUTDOOR UNITS[1] [2]	TTA048C300A	TTA048C400A	TTA060C300A	TTA060C400A
POWER CONNS. — V/PH/HZ	200/230/3/60	460/3/60	200/230/3/60	460/3/60
MIN. BRCH. CIR. AMPACITY[3]	22	10	23	14
BR. CIR. } MAX. (AMPS)	35/30	15	40	20
PROT. RTG. } RECMD. (AMPS)	35/30	15	40	20
NOISE RATING (BELS)[2]	8.2	8.2	8.4	8.4
COMPRESSOR	CLIMATUFF®	CLIMATUFF®	CLIMATUFF®	CLIMATUFF®
NO. USED - NO. SPEEDS	1-1	1-1	1-1	1-1
VOLTS/PH/HZ	200/230/3/60	460/3/60	200/230/3/60	460/3/60
R.L. AMPS - L.R. AMPS	16-101	7-51	19-139	9-71
BRCH. CIR. SELEC. CUR. AMPS	16	7	15	10
OUTDOOR FAN — TYPE	PROPELLER	PROPELLER	PROPELLER	PROPELLER
DIA. (IN.) - NO. USED	18-1	18-1	22-1	22-1
TYPE DRIVE - NO. SPEEDS	DIRECT - 1	DIRECT - 1	DIRECT - 1	DIRECT - 1
CFM @ 0.0 IN. W.G.[4]	2215	2215	3031	3031
NO. MOTORS - HP	1-1/4	1-1/4	1-1/4	1-1/3
MOTOR SPEED R.P.M.	1075	1075	825	825
VOLTS/PH/HZ	200/230/1/60	460/1/60	200/230/1/60	460/1/60
F.L. AMPS 1.60	1.7	0.80	1.9	1.0
OUTDOOR COIL — TYPE	SPINE FIN™	SPINE FIN™	SPINE FIN™	SPINE FIN™
ROWS - F.P.I.	1-24	1-24	1-24	1-24
FACE AREA (SQ. FT.)	16.84	16.84	25.50	25.50
TUBE SIZE (IN/)	3/8	3/8	3/8	3/8
REFRIGERANT				
LBS. — R-22 (O.D. UNIT)[5]	7-LBS., 2.0Z	7-LBS., 2-0Z	9-LBS., 2-0Z	9-LBS., 2-0Z.
FACTORY SUPPLIED	YES	YES	YES	YES
LINE SIZE - IN. O.D. GAS[6]	1 1/8	1 1/8	1 1/8	1 1/8
LINE SIZE - IN. O.D. LIQ.[6]	3/8	3/8	3/8	3/8
FCCV — RESTRICTOR ORIFICE SIZE	0.083	0.083	0.092	0.092
OIMENSIONS	H x W x D	H x W x D	H x W x D	H x W x D
OUTDOOR UNIT - CRATED (IN.)	33-1/4 x 26-1/2 x 30	33-1/4 x 26-1/2 x 30	41-4 x 34-3/4 x 30-1/2	41-1/4 x 34-3/4 x 30-1/2
UNCRATED	SEE OUTLINE DWG.	SEE OUTLINE DWG.	SEE OUTLINE DWG.	SEE OUTLINE DWG.
WEIGHT Shipping (lbs.) — Net (lbs.)	211-200	211-200	254-239	254-239

[2] Calculated in accordance with National Electric Code. Suitable for use with HACR citout breakers or fuses.
[4] Standard Air — Ory Coil — Outdoor.
[5] This value approximate. For more precise value see unit nameplate and service instruction.
[6] Max. linear length 80 ft., Max. ldt — Suction 60 ft., Max. life — Liquid 60 ft. Max, length of frechanged tubing 50 ft. For greater length refer to Refrigerant piping Manaual Pub. No. 32-3009.

General Data 60 Hz

Product Specifications

OUTDOOR UNITS			
MODEL	TTK509P10EA	TTK512P10EA	TTK512P100A
POWER CONN.-Volts/Ph/Hz	220/1/60	220/1/60	220/1/60
Fuse Size - max (amps)	Per Local Codes	Per Local Codes	Per Local Codes
COMPRESSOR - Type	Rotary	Rotary	Rotary
No. Used	1	1	1
Volts/Ph/Hz	220/1/60	220/1/60	220/1/60
Rated Load Amps	4	5	5
Locked Rotor Amps	22	29	29
OUTDOOR FAN-Type	Propellor	Propellor	Propellor
No. Used	1	1	1
Diameter (in)	15	15	15
(mm)	380	380	380
Material	Thermoplastic	Thermoplastic	Thermoplastic
Type Drive-No. Speeds	Direct-1	Direct-1	Direct-1
Airflow (High)			
CFM @ 0.0 in. w.g.	900	750	750
CMH @ 0.0 mm. w.g.	1530	1270	1270
No. Motors	1	1	1
Motor Rating-HP (W)	1/12 (60)	1/12 (60)	1/12 (60)
Motor Speed-RPM	950	950	950
Volts/Ph/Hz	220/1/60	220/1/60	220/1/60
Rated Load Amps	0.7	0.7	0.7
OUTDOOR COIL-Type	Slit Fin	Slit Fin	Slit Fin
No. Rows	1	2	2
Fins per inch	15	14	14
Tube Type	Grooved	Grooved	Grooved
Face Area-sq. ft (sq.m.)	2.26 (0.21)	2.26 (0.21)	2.26 (0.21)
Tube Size-in. (mm)	3/8 (9.53)	3/8 (9.53)	3/8 (9.53)
Refrigerant Control	Capillary Tube	Capillary Tube	External
REFRIGERANT			
Factory Supplied	Yes	Yes	Yes
R-22 (O.D. Unit)-lbs. (kg)	1.8 (0.8)	2.0 (0.9)	3.1 (1.4)
Line Size-O.D. Gas-in. (mm)	3/8 (9.53)	1/2 (12.7)	1/2 (12.7)
Line Size-O.D. Liq.-in (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)
DIMENSIONS (HxWxD)			
Uncrated (in)	19.7x27.6x9.8	19.7x27.6x9.8	19.7x27.6x9.8
(mm)	500x700x250	500x700x250	500x700x250
Crated (in)	22.8x30x11.8	22.8x30x11.8	22.8x30x11.8
(mm)	580x760x300	580x760x300	580x760x300
WEIGHT-lbs. (kg)			
Net	75 (34)	82 (37)	82 (37)
Shipping	82 (37)	88 (40)	88 (40)

General Data 60 Hz

Product Specifications

OUTDOOR UNITS			
MODEL	TTK512L100C	TTK518L100C	TTK524L100C
POWER CONN.-Volts/Ph/Hz	200-240-1/60	200-240/1/60	200-240/1-60
MCA (1) (2)	7.2	12.1	14.2
Fuse Size - max (amps)	Local Code	Local Code	Local Code
COMPRESSOR - Type	Rotary	Rotary	Rotary
No. Used-No. Speeds	1-1	1-1	1-1
R.L. Amps (1)	5.2	9.1	10.8
L.R. Amps	29.0	51.0	52.0
OUTDOOR FAN-Type	Propeller	Propeller	Propeller
Diameter (in)-No. Used	18-1	18-1	18-1
Pitch Angle (Degree)	25	25	25
Type Drive-No. Speeds	Direct-1	Direct-1	Direct-1
CFM @ 0.0 in w.g.	1490	1360	1360
CMH @ 0.0 IN w.g.	2530	2310	2310
No. Motors-HP	1-1/5	1-1/15	1-1/15
Motor Speed (RPM)	1-(940)	1-(910)	1-(910)
R.L.Amps	0.56	0.56	0.56
L.R.Amps	0.67	0.67	0.67
OUTDOOR COIL - Type	Plate Fin	Plate Fin	Plate Fin
No. Rows	1	2	2
Fins per Inch	14	14	14
Face Area (Sq. Ft.)-(Sq.M.)	4.74-0.44	4.74-0.44	4.74-0.44
Tube Size (in)-(mm)	3/8-9.52	3/8-9.52	3/8-9.52
Tube Type	Inn.Grv.	Smooth	Inn. Grv.
REFRIGERANT			
Lbs. of R-22 (3)	2 lbs., 15 oz	4 lbs., 7oz.	5 lbs., 5 oz.
Kg. of R-22 (3)	1.36	2.01	2.40
Line Size-OD Gas (in)-(mm)	1/2-12.7	1/2-12.7	5/8-15.88
Line Size-OD Liq. (in)-(mm)	1/4-6.35	1/4-6.35	1/4-6.35
DIMENSIONS (HxWxD)			
Crated (in)	25.5x37.7x16.0	25.5x37.7x16.0	25.5x37.7x16.0
(mm)	648x958x406	648x958x406	648x958x406
Uncrated (in)	23.2x32.7x15.0	23.2x32.7x15.0	23.2x32.7x15.0
(mm)	590x830x380	590x830x380	590x830x380
WEIGHT-Lbs.(Kg)			
Shipping	93.5 (42.5)	125.4 (57.0)	133.1 (60.5)
Net	82.5 (37.5)	114.4 (52.0)	122.1 (55.5)

(1) At ARI system rating conditions of 80° F-DB/67° F-WB indoor & 95° F-DB outdoor.
(2) MCA-Minimum Circuit Ampacity; calculated as follows : 125% of compressor R.L. Amps plus the condenser fan motor R.L. Amps.

General Data 60 Hz

Product Specifications

OUTDOOR UNITS

MODEL	TTK530K100C	TTK536K100C	TTK536K400C
POWER CONN.-Volts/Ph/Hz	200-240/1/60	200-240/1/60	460/3/60
MCA (1) (2)	23.0	27.6	10.2
Fuse Size - max (amps)	Local Code	Local Code	Local Code
COMPRESSOR-Type	Reciprocating	Reciprocating	Reciprocating
No. Used-No. Speeds	1-1	1-1	1-1
R.L. Amps (1)	17.3	21.0	7.1
L.R. Amps	75.8	100.0	34.0
OUTDOOR FAN-Type	Propeller	Propeller	Propeller
Diameter (in)-No. Used	20-1	20-1	20-1
Pitch Angle (Degree)	30	30	30
Type Drive-No. speeds	Direct-1	Direct-1	Direct-1
CFM @ 0.0 in w.g.	2130	2130	2130
CHM @ 0.0 in w.g.	3619	3619	3619
No. Motors-HP	1-1/6	1-1/6	1-1/6
Motor Speed (RPM)	1-(860)	1-(860)	1-(860)
R.L. Amps	1.06	1.06	1.06
L.R. Amps	1.47	1.47	1.47
OUTDOOR COIL-TYPE	Plate Fin	Plate Fin	Plate Fin
No. Rows	2	2	2
Fins per Inch	16	16	16
Face Area (Sq. Ft.)-(Sq.M.)	7.29-0.68	7.29-0.68	7.29-0.68
Tube Size (in)-(mm)	3/8-9.52	3/8-9.52	3/8-9.52
Tube Type	Smooth	Inn.Grv.	Inn. Grv.
REFRIGERANT			
Lbs. of R-22 (3)	6 lbs., 12 oz.	7lbs., 11 oz	7 lbs., 11 oz.
Kg. of R-22 (3)	3.07	3.50	3.50
Line Size-OD Gas (in)-(mm)	5/8-15.88	3/4-19.0	3/4-19.0
Line Size-OD Liq. (in)-(mm)	3/8-9.52	3/8-9.52	3/8-9.52
DIMENSIONS (HxWxD)			
Crated (in)	34.5x45.1x17.2	34.5x45.1x17.2	34.5x45.1x17.2
(mm)	876x1146x437	876x1146x437	876x1146x437
Uncrated (in)	31.3x40.0x14.2	31.3x40.0x14.2	31.3x40.0x14.2
(mm)	795x1018x380	795x1018x380	795x1018x380
WEIGHT-Lbs. (Kg.)			
Shipping	178.9 (81.3)	183.3 (83.3)	185.2 (84.2)
Net	163.5 (74.3)	167.9 (76.3)	169.8 (77.2)

(1) At ARI system rating conditions of 80° F-DB/67° F-WB indoor & 95° F-DB outdoor.
(2) MCA-Minimum Circuit Ampacity; calculated as follows : 125% of compressor R.L. Amps plus the condenser fan motor R.L. Amps.
(3) Rated for 25 feet (7.5 meters) of evacuated refrigerant piping.

General Data 60 Hz

EXPORT

Product Specification			
OUTDOOR UNITS			
MODEL	TTK042K4OOAA	TTK048K4OOAA	TTK060K4OOD
POWER CONN - Volts/Ph/Hz	460/3/60	460/3/60	460/3/60
MCA	11.47	12.25	13.50
FUSE SIZE MAX (amps)	LOCAL CODE	LOCAL CODE	LOCAL CODE
COMPRESSOR TYPE	Reciprocating	Reciprocating	Reciprocating
NO Used-No. Speeds	1--1	1--1	1--1
R.L.Amps	8.2	8.96	9.6
L.R.Amps	42.0	45.0	65.0
OUTDOOR FAN - TYPE	PROPELLER	PROPELLER	PROPELLER
Diameter (in)-No. Used	20-1	18-2	18-2
Pitch Angle (Degree)	30	25	25
Drive Type-No.speeds	Direct-1	Direct-1	Direct-1
CFM @ 0.0 in w.g.	2130	2690	2690
CMH @ 0.0 in w.g.	3619	4570	4570
No. Motors-(HP)	1-1/6	2-1/15	2-1/15
Motor Speed (RPM)	900	900	900
R.L. Amps	1.22	2-0.60	2-0.60
L.R.Amps	1.65	2-0.84	2-0.84
OUTDOOR COIL - TYPE	LOUVER FIN	LOUVER FIN	LOUVER FIN
No. Rows	2	2	2
Fins per Inch	20	17	21
Face Area (Sq.Ft.)-(Sq.M.)	(7.29)-(0.68)	(11.67)-(1.08)	(3/8)-(9.53)
Tube Size (in)-(mm)	(3/8)-(9.53)	(3/8)-(9.53)	(3/8)-(9.53)
Tube Type	Inn. Grv.	Smooth	Inn. Grv.
RFRIGERANT CHARGE			
Lbs. of R-22	8LBS,8.4OZ	7LBS,12OZ	8LBS,12OZ
KG.OF R-22	3.875	3.52	3.98
LINE SIZE-OD Gas (in) - (mm)	(7/8)-(22.23)	(1 1/8)-(28.6)	(1 1/8)-(28.6)
Line Size-OD Liq (in) - (mm)	(3/8) - (9.53)	(3/8)-(9.53)	(3/8)-(9.53)
DIMENTIONS (HxWxD)			
Crated (shipping) (in)	34.5x45.1x17.2	54x43x17.7	54x43x17.7
(mm)	876x1146x437	1380x1090x450	1380x1090x450
Uncrated (in)	31.3x40.0x14.2		
(mm)	795x1018x380		
WEIGHT - Lbs. (Kg)			
Shipping (crated)	196.8 (89.44)	253.4(115.2)	264.4(120.2)
Net (uncrated)	181.4 (82.44)	213.8(97.2)	224.8(102.2)

(1) At ARI system rating conditions 80° F-DB/67° F - wb indoor & 95° F-DB

(2) MCA = Minnimum circuit Ampacity ; calculated as follow : 125 % of con plus the condenser fan motor R.L.Amps.

Performance Data Cooling English Units

TTB012C100A WITH MCX512E1 AT 400 CFM
GROSS CAPACITY IN BTU/H x 1000

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW
85	61	13.6	9.0	9.7	10.5	11.2	11.6	1.31
	65	14.7	7.4	8.2	8.9	9.7	10.5	1.36
	67	15.3	6.6	7.4	8.1	8.9	9.7	1.39
	71	16.4	4.9	5.7	6.5	7.3	8.0	1.44
95	61	13.2	8.8	9.6	10.3	11.0	11.6	1.42
	65	14.3	7.3	8.0	8.8	9.5	10.3	1.47
	67	14.8	6.4	7.2	8.0	8.7	9.5	1.51
	71	15.9	4.8	5.6	6.3	7.1	7.9	1.56
105	61	12.7	8.5	9.3	10.0	10.6	11.2	1.55
	65	13.7	7.0	7.7	8.5	9.2	10.0	1.60
	67	14.3	6.2	6.9	7.7	8.4	9.2	1.63
	71	15.3	5.3	5.3	6.0	6.8	7.6	1.70
115	61	12.1	8.3	9.0	9.7	10.3	10.8	1.67
	65	13.1	6.7	7.5	8.2	9.0	9.7	1.74
	67	13.6	5.9	6.7	7.4	8.2	8.9	1.77
	71	14.6	4.3	5.0	5.8	6.6	7.3	1.83

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 80/67 & 95 F

GROSS CAPACITY :	14.8	MBH
AIRFLOW :	400	CFM
SYSTEM POWER :	1779	WATTS
NOM. SYSTEM AMPS :	8.2	AMPS

TTB018C100A WITH MCX518E1 AT 475 CFM
GROSS CAPACITY IN BTU/H x 1000

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW
85	61	16.7	10.9	11.9	12.8	13.7	14.2	1.36
	65	18.1	9.1	10.0	10.9	11.9	12.8	1.41
	67	18.8	8.1	9.0	9.9	10.9	11.8	1.44
	71	20.2	6.0	7.0	7.9	8.9	9.8	1.50
95	61	16.3	10.8	11.7	12.6	13.4	14.2	1.47
	65	17.5	8.9	9.8	10.7	11.7	12.6	1.53
	67	18.2	7.9	8.8	9.7	10.7	11.6	1.57
	71	19.6	5.9	6.8	7.7	8.6	9.6	1.63
105	61	15.6	10.4	11.3	12.2	12.9	13.7	1.61
	65	16.9	8.5	9.4	10.4	11.3	12.2	1.67
	67	17.5	7.5	8.4	9.4	10.3	11.2	1.70
	71	18.8	6.4	6.5	7.4	8.3	9.2	1.77
115	61	14.9	10.1	11.0	11.8	12.6	13.2	1.74
	65	16.1	8.2	9.1	10.0	11.0	11.9	1.81
	67	16.7	7.2	8.2	9.1	10.0	10.9	1.84
	71	18.0	5.2	6.1	7.1	8.0	8.9	1.90

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 80/67 & 95 F

GROSS CAPACITY :	18.2	MBH
AIRFLOW :	475	CFM
SYSTEM POWER :	1846	WATTS
NOM. SYSTEM AMPS :	8.6	AMPS

Performance Data Cooling Metric Unit

TTB012C100A WITH MCX512E1 AT 680 CMH
GROSS CAPACITY IN KILOWATTS

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 22.5	23.5	24.5	25.5	26.5	COMPR. KW
	16	4.0	2.6	2.9	3.1	3.3	3.4	1.31
30	18	4.3	2.2	2.4	2.6	2.8	3.1	1.36
	19.5	4.5	1.9	2.2	2.4	2.6	2.8	1.39
	22	4.8	1.4	1.7	1.9	2.1	2.3	1.44
	16	3.9	2.6	2.8	3.0	3.2	3.4	1.42
35	18	4.2	2.1	2.3	2.6	2.8	3.0	1.47
	19.5	4.3	1.9	2.1	2.3	2.6	2.8	1.51
	22	4.7	1.4	1.6	1.9	2.1	2.3	1.56
	16	3.7	2.5	2.7	2.9	3.1	3.3	1.55
40	18	4.0	2.0	2.3	2.5	2.7	2.9	1.60
	19.5	4.2	1.8	2.0	2.2	2.5	2.7	1.63
	22	4.5	1.5	1.6	1.8	2.0	2.2	1.70
	16	3.6	2.4	2.6	2.8	3.0	3.2	1.67
45	18	3.8	2.0	2.2	2.4	2.6	2.9	1.74
	19.5	4.0	1.7	2.0	2.2	2.4	2.6	1.77
	22	4.3	1.3	1.5	1.7	1.9	2.1	1.83

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 26.5/19.5 & 35 C

GROSS CAPACITY :	4.3	KW
AIRFLOW :	680	CMH
SYSTEM POWER :	1779	WATTS
NOM. SYSTEM AMPS :	8.2	AMPS

TTB018C100A WITH MCX518E1 AT 808 CMH
GROSS CAPACITY IN KILOWATTS

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 22.5	23.5	24.5	25.5	26.5	COMPR. KW
	16	4.9	3.2	3.5	3.7	4.0	4.2	1.36
30	18	5.3	2.7	2.9	3.2	3.5	3.7	1.41
	19.5	5.5	2.4	2.6	2.9	3.2	3.5	1.44
	22	5.9	1.8	2.0	2.3	2.6	2.9	1.50
	16	4.8	3.2	3.4	3.7	3.9	4.2	1.47
35	18	5.1	2.6	2.9	3.1	3.4	3.7	1.53
	19.5	5.3	2.3	2.6	2.9	3.1	3.4	1.57
	22	5.7	1.7	2.0	2.3	2.5	2.8	1.63
	16	4.6	3.0	3.3	3.6	3.8	4.0	1.61
40	18	4.9	2.5	2.8	3.0	3.3	3.6	1.67
	19.5	5.1	2.2	2.5	2.7	3.0	3.3	1.70
	22	5.5	1.9	1.9	2.2	2.4	2.7	1.77
	16	4.4	3.0	3.2	3.5	3.7	3.9	1.74
45	18	4.7	2.4	2.7	2.9	3.2	3.5	1.81
	19.5	4.9	2.1	2.4	2.7	2.9	36.2	1.84
	22	5.3	1.5	1.8	2.1	2.3	2.6	1.90

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 26.5/19.5 & 35 C

GROSS CAPACITY :	5.3	KW
AIRFLOW :	808	CMH
SYSTEM POWER :	1846	WATTS
NOM. SYSTEM AMPS :	8.6	AMPS

Performance Data Cooling English Units

TTB024C100A WITH MCX524E1
AT 675 CFM
GROSS CAPACITY IN BTU/H x 1000

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW
85	61	20.7	14.7	16.0	17.2	18.4	19.1	1.64
	65	22.3	12.2	13.5	14.7	16.0	17.2	1.70
	67	23.2	10.9	12.1	13.4	14.6	15.9	1.74
	71	24.9	8.1	9.4	10.6	11.9	13.1	1.81
95	61	20.1	14.5	15.7	17.0	18.0	19.1	1.77
	65	21.7	11.9	13.2	14.5	15.7	16.9	1.85
	67	22.5	10.6	11.9	13.1	14.4	15.6	1.88
	71	24.2	7.9	9.1	10.4	11.6	12.9	1.96
105	61	19.3	14.0	15.2	16.4	17.4	18.4	1.93
	65	20.8	11.5	12.7	13.9	15.2	16.4	2.01
	67	21.7	10.1	11.3	12.6	13.8	15.1	2.05
	71	23.2	8.7	8.7	9.9	11.2	12.4	2.13
115	61	18.5	13.6	14.8	15.9	16.9	17.8	2.09
	65	19.9	11.0	12.3	13.5	14.8	16.0	2.17
	67	20.7	9.7	11.0	12.2	13.4	14.7	2.21
	71	22.3	7.1	8.3	9.5	10.8	12.0	2.29

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 80/67 & 95 F

GROSS CAPACITY :	22.5	MBH
AIRFLOW :	675	CFM
SYSTEM POWER :	2195	WATTS
NOM. SYSTEM AMPS :	11.4	AMPS

Performance Data Cooling Metric Units

TTB024C100A WITH MCX524E1 AT 1148 CFM
GROSS CAPACITY IN KILOWATTS

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 22.5	23.5	24.5	25.5	26.5	COMPR. KW
	16	6.1	4.3	4.7	5.0	5.4	5.6	1.64
30	18	3.5	3.6	3.9	4.3	4.7	5.0	1.70
	19.5	6.8	3.2	3.5	3.9	4.3	4.6	1.74
	16	5.9	4.3	4.6	5.0	5.3	5.6	1.77
35	18	6.4	3.5	3.9	4.2	4.6	5.0	1.85
	19.5	6.6	3.1	3.5	3.8	4.2	4.6	1.88
	22	7.1	2.3	2.7	3.0	3.4	3.8	1.96
	16	5.7	4.1	4.5	4.8	5.1	5.4	1.93
40	18	6.1	3.4	3.7	4.1	4.4	4.8	2.01
	19.5	6.3	3.0	3.3	3.7	4.1	4.4	2.05
	22	6.8	2.5	2.5	2.9	3.3	3.6	2.13
	16	5.4	4.0	4.3	4.7	5.0	5.2	2.09
45	18	5.8	3.2	3.6	4.0	4.3	4.7	2.17
	19.5	6.1	2.8	3.2	3.6	3.9	4.3	2.21
	22	6.5	2.1	2.4	2.8	3.2	3.5	2.29

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 80/67 & 95 F

GROSS CAPACITY :	22.5	MBH
AIRFLOW :	675	CFM
SYSTEM POWER :	2195	WATTS
NOM. SYSTEM AMPS :	11.4	AMPS

Performance Data Cooling English Units

TTB512C1 WITH MCX512E1 AT 400 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
85	59	12.5	9.6	10.3	11.0	11.7	12.3	1.16	42.9
	63	13.6	8.4	9.0	9.7	10.4	11.1	1.19	47.2
	67	14.7	7.0	7.6	8.3	9.0	9.7	1.22	50.9
	71	15.9	5.5	6.2	6.8	7.5	8.2	1.26	54.8
90	59	12.6	9.7	10.3	11.0	11.7	12.4	1.23	42.7
	63	13.6	8.4	9.1	9.8	10.4	11.1	1.26	47.0
	67	14.8	7.0	7.7	8.3	9.0	9.7	1.29	50.8
	71	15.9	5.5	6.2	6.9	7.6	8.2	1.33	54.7
95	59	12.6	9.7	10.4	11.0	11.7	12.4	1.29	42.6
	63	13.7	8.4	9.1	9.8	10.5	11.1	1.33	46.9
	67	14.9	7.0	7.7	8.4	9.0	9.7	1.36	50.7
	71	16.0	5.6	6.2	6.9	7.6	8.3	1.39	54.5
100	59	12.3	9.6	10.2	10.9	11.6	12.3	1.33	43.2
	63	13.4	8.3	9.0	9.7	10.3	11.0	1.36	47.4
	67	14.5	6.9	7.6	8.2	8.9	9.6	1.40	51.2
	71	15.7	5.4	6.1	6.8	7.5	8.1	1.43	55.1
105	59	12.1	9.4	10.1	10.8	11.5	12.1*	1.37	43.8
	63	13.1	8.2	8.8	9.5	10.2	10.9	1.40	47.9
	67	14.2	6.8	7.4	8.1	8.8	9.5	1.43	51.7
	71	15.3	5.3	6.0	6.7	7.3	8.0	1.47	55.6
115	59	11.5	9.2	9.8	10.5	11.2	11.7*	1.45	45.0
	63	12.5	7.9	8.6	9.3	9.9	10.6	1.48	48.9
	67	13.6	6.5	7.2	7.9	8.5	9.2	1.51	52.7
	71	14.7	5.0	5.7	6.4	7.1	7.7	1.54	56.7

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 14900 BTUH
AIRFLOW = 400 CFM
APP. DEW PT.=50.7 DEG.F
COMPRESSOR POWER = 1359 WATTS
I.D. FAN POWER = 85 WATTS
O.D. FAN POWER = 175 WATTS
S.E.E.R. = 9.30 BTUH/WATT

NOTE : RATED WITH 25 FEET OF 5/8 SUCTION AND 1/4 LIQUID LINE

TTB518C100A WITH MCX518E1

TTB518C1 WITH MCX518E1 AT 475 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
85	59	12.5	9.6	10.3	11.0	11.7	12.3	1.16	42.9
	63	13.6	8.4	9.0	9.7	10.4	11.1	1.19	47.2
	67	14.7	7.0	7.6	8.3	9.0	9.7	1.22	50.9
	71	15.9	5.5	6.2	6.8	7.5	8.2	1.26	54.8
90	59	12.6	9.7	10.3	11.0	11.7	12.4	1.23	42.7
	63	13.6	8.4	9.1	9.8	10.4	11.1	1.26	47.0
	67	14.8	7.0	7.7	8.3	9.0	9.7	1.29	50.8
	71	15.9	5.5	6.2	6.9	7.6	8.2	1.33	54.7
95	59	12.6	9.7	10.4	11.0	11.7	12.4	1.29	42.6
	63	13.7	8.4	9.1	9.8	10.5	11.1	1.33	46.9
	67	14.9	7.0	7.7	8.4	9.0	9.7	1.36	50.7
	71	16.0	5.6	6.2	6.9	7.6	8.3	1.39	54.5
100	59	12.3	9.6	10.2	10.9	11.6	12.3	1.33	43.2
	63	13.4	8.3	9.0	9.7	10.3	11.0	1.36	47.4
	67	14.5	6.9	7.6	8.2	8.9	9.6	1.40	51.2
	71	15.7	5.4	6.1	6.8	7.5	8.1	1.43	55.1
105	59	12.1	9.4	10.1	10.8	11.5	12.1*	1.37	43.8
	63	13.1	8.2	8.8	9.5	10.2	10.9	1.40	47.9
	67	14.2	6.8	7.4	8.1	8.8	9.5	1.43	51.7
	71	15.3	5.3	6.0	6.7	7.3	8.0	1.47	55.6
115	59	11.5	9.2	9.8	10.5	11.2	11.7*	1.45	45.0
	63	12.5	7.9	8.6	9.3	9.9	10.6	1.48	48.9
	67	13.6	6.5	7.2	7.9	8.5	9.2	1.51	52.7
	71	14.7	5.0	5.7	6.4	7.1	7.7	1.54	56.7

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 14900 BTUH
AIRFLOW = 400 CFM
APP. DEW PT.=50.7 DEG.F
COMPRESSOR POWER = 1359 WATTS
I.D. FAN POWER = 85 WATTS
O.D. FAN POWER = 175 WATTS
S.E.E.R. = 9.30 BTUH/WATT

NOTE : RATED WITH 25 FEET OF 5/8 SUCTION AND 1/4 LIQUID LINE

Performance Data Cooling Metric Units

TTB512C1 WITH MCX512E1 AT 0.19 CMS (400 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	3.6	3.7	3.7	3.7	3.6	3.4
	Sensible kW	2.7	2.7	2.7	2.7	2.7	2.6
	SHR (%)	75	74	74	74	75	76
	Compressor kW	1.1	1.1	1.2	1.3	1.4	1.4
24.0/17.0	Capacity kW	3.9	3.9	4.0	4.0	3.8	3.7
	Sensible kW	2.8	2.8	2.8	2.8	2.8	2.7
	SHR (%)	72	71	71	71	72	73
	Compressor kW	1.1	1.2	1.2	1.3	1.4	1.5
29.0/21.0	Capacity kW	4.2	4.2	4.3	4.3	4.1	4.0
	Sensible kW	2.8	2.8	2.8	2.9	2.8	2.7
	SHR (%)	67	67	67	67	68	69
	Compressor kW	1.1	1.2	1.3	1.4	1.4	1.5

–VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 4.35 KW
AIRFLOW = 0.19 CMS
AIRFLOW = 400. CFM
APP. DEW PT. = 10.4 DEG. C
COMPRESSOR POWER = 1369 WATTS
I.D. FAN POWER = 85 WATTS
O.D. FAN POWER = 175 WATTS
COP = 2.64
EER = 9.00 BTU/WATT

NOTE : RATED WITH 7.62 METERS OF 5/8 IN. SUCTION AND 1/4 IN. LIQUID LINES

AIRFLOW :	680	CMH
SYSTEM POWER :	1779	WATTS
NOM. SYSTEM AMPS :	8.2	AMPS

TTB518C100A WITH MCX518E1

TTB518C1 WITH MCX518E1 AT 0CMS (475 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	4.4	4.4	4.4	4.4	4.2	3.9
	Sensible kW	3.6	3.6	3.6	3.6	3.5	3.4
	SHR (%)	82	82	82	82	84	86
	Compressor kW	1.2	1.2	1.3	1.4	1.5	1.5
24.0/17.0	Capacity kW	4.7	4.8	4.7	4.7	4.5	4.2
	Sensible kW	3.7	3.7	3.7	3.7	3.6	3.5
	SHR (%)	79	79	79	79	81	83
	Compressor kW	1.2	1.3	1.4	1.4	1.5	1.6
29.0/21.0	Capacity kW	5.0	5.1	5.1	5.0	4.8	4.5
	Sensible kW	3.8	3.8	3.8	3.8	3.7	3.6
	SHR (%)	75	74	74	75	76	78
	Compressor kW	1.2	1.3	1.4	1.5	1.6	1.6

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 5.13KW
AIRFLOW = 0.22CMS
AIRFLOW = 475 CFM
APP. DEW PT. = 13.0 DEG. C
COMPRESSOR POWER = 11477 WATTS
I.D. FAN POWER = 95 WATTS
O.D. FAN POWER = 175 WATTS
COP = 2.89
EER = 9.85 BTU/WATT

NOTE : RATED WITH 7.62 METERS OF 5/8 IN. SUCTION AND 1/4 IN. LIQUID LINES

Gross Capacity and Comp. KW are valla only for wet Coil

Performance at the Rating Conditions of 26.5/19.5 & 35 C

GROSS CAPACITY :	5.3	KW
AIRFLOW :	808	CMH
SYSTEM POWER :	1846	WATTS
NOM. SYSTEM AMPS :	8.6	AMPS

Performance Data
Cooling English Units

TTB524C1 WITH MCX524E1 AT 675 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
85	59	20.4	17.2	18.5	19.8	20.6*	21.2*	1.78	47.2
	63	21.9	14.7	16.0	17.3	18.6	19.8	1.84	51.0
	67	23.6	11.9	13.2	14.5	15.8	17.1	1.91	55.1
	71	25.3	9.1	10.3	11.6	12.9	14.2	1.97	59.3
90	59	20.2	17.1	18.4	19.7	20.5*	21.0*	1.86	47.3
	63	21.7	14.6	15.9	17.2	18.5	19.8	1.93	51.2
	67	23.4	11.8	13.1	14.4	15.7	17.0	1.99	55.3
	71	25.0	9.0	10.3	11.5	12.8	14.1	2.06	59.5
95	59	20.0	17.0	18.3	19.6	20.3*	20.8*	1.94	47.5
	63	21.5	14.5	15.8	17.1	18.4	19.7	2.01	51.3
	67	23.1	11.7	13.0	14.3	15.6	16.9	2.08	55.5
	71	24.8	8.9	10.2	11.5	12.7	14.0	2.15	59.7
100	59	19.3	16.7	18.0	19.3	19.8*	20.3*	2.00	48.1
	63	20.8	14.2	15.4	16.7	18.0	19.3	2.07	51.9
	67	22.3	11.4	12.7	14.0	15.3	16.5	2.14	56.1
	71	23.9	8.5	9.8	11.1	12.4	13.7	2.21	60.3
105	59	18.6	16.3	17.6	18.7*	19.2*	19.7*	2.06	48.6
	63	20.0	13.8	15.1	16.4	17.7	19.0	2.13	52.5
	67	21.5	11.0	12.3	13.6	14.9	16.2	2.19	56.6
	71	23.0	8.2	9.5	10.8	12.1	13.4	2.27	60.9
115	59	17.2	15.7	17.0	17.6*	18.0*	18.4*	2.18	49.7
	63	18.5	13.2	14.5	15.8	17.1	18.3	2.24	53.6
	67	19.9	10.4	11.7	13.0	14.3	15.6	2.31	57.8
	71	21.3	7.5	8.8	10.1	11.4	12.7	2.38	62.0

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 23200 BTUH
AIRFLOW = 675 CFM
APP. DEW PT.= 55.5 DEG.F
COMPRESSOR POWER = 2076 WATTS
I.D. FAN POWER = 130 WATTS
O.D. FAN POWER = 175 WATTS
S.E.E.R. = 10.05 BTUH/WATT

NOTE : RATED WITH 25 FEET OF 3/4 SUCTION AND 5/16 LIQUID LINE

Performance Data Cooling Metric Units

TTB524C1 WITH MCX524E1 AT 0.32 CMS (675 CFM)

Retum Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	6.0	6.0	5.9	5.9	5.5	5.1
	Sensible kW	4.8	4.8	4.8	4.8	4.6	4.4
	SHR (%)	81	81	81	82	84	86
	Compressor kW	1.7	1.8	1.9	1.9	2.0	2.2
24.0/17.0	Capacity kW	6.4	6.4	6.3	6.3	5.9	5.5
	Sensible kW	5.0	5.0	5.0	4.9	4.8	4.6
	SHR (%)	78	78	78	79	81	84
	Compressor kW	1.7	1.8	1.9	2.0	2.1	2.2
29.0/21.0	Capacity kW	6.9	6.8	6.8	6.7	6.3	5.8
	Sensible kW	5.1	5.0	5.0	5.0	4.8	4.7
	SHR (%)	74	74	74	75	77	80
	Compressor kW	1.8	1.9	2.0	2.1	2.2	2.3

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 6.78 KW
AIRFLOW = 0.32 CMS
AIRFLOW = 675. CFM
APP. DEW PT. = 13.0 DEG. C
COMPRESSOR POWER = 2076 WATTS
I.D. FAN POWER = 130 WATTS
O.D. FAN POWER = 175 WATTS
COP = 2.80
EER = 9.55 BTU/WATT

NOTE : RATED WITH 7.62 METERS OF 3/4 IN. SUCTION AND 5/16 IN. LIQUID LINES

Performance Data Cooling English Units

TTB530C1 WITH MCX536E1 AT 915 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
85	59	27.5	24.2	26.1	27.7*	26.4*	29.1*	2.10	48.1
	63	29.6	20.5	22.4	24.3	26.2	28.1	2.17	51.9
	67	31.8	16.4	18.3	20.2	22.1	24.0	2.24	56.2
	71	34.0	12.2	14.1	16.0	17.9	19.8	2.32	60.5
90	59	27.2	24.0	25.9	27.4*	28.1*	28.8*	2.21	48.2
	63	29.2	20.3	22.2	24.1	26.0	27.9	2.28	52.1
	67	31.4	16.2	18.1	20.0	21.9	23.8	2.35	56.4
	71	33.5	12.1	14.0	15.9	17.8	19.7	2.43	60.7
95	59	26.9	23.9	25.8	27.2*	27.9*	26.5*	2.32	48.4
	63	28.9	20.2	22.1	24.0	25.8	27.7	2.39	52.3
	67	30.9	16.1	18.0	19.9	21.8	23.7	2.46	56.5
	71	33.1	11.9	13.8	15.7	17.5	19.5	2.54	60.9
100	59	26.0	23.5	25.4	26.4*	27.1*	27.7*	2.41	48.9
	63	27.9	19.7	21.6	23.5	25.4	27.3	2.48	52.6
	67	29.9	15.6	17.5	19.4	21.3	23.2	2.55	57.0
	71	31.9	11.4	13.3	15.2	17.1	19.0	2.62	61.4
105	59	25.1	23.1	24.9	25.7*	26.3*	26.9*	2.50	49.3
	63	26.9	19.3	21.2	23.1	25.0	26.9	2.57	53.3
	67	28.8	15.2	17.1	19.0	20.9	22.8	2.64	57.5
	71	30.8	11.0	12.9	14.8	16.7	18.6	2.71	61.6
115	59	23.3	22.2	23.6*	24.2*	24.7*	25.3*	2.68	50.2
	63	25.0	18.5	20.4	22.3	24.2	25.3*	2.75	54.2
	67	26.7	14.4	16.3	18.1	20.2	21.9	2.81	58.5
	71	26.5	10.2	12.1	14.0	15.9	17.8	2.88	62.8

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 37000 BTUH
AIRFLOW = 915CFM
APP. DEW PT.= 36.5 DEG.F
COMPRESSOR POWER = 2462 WATTS
I.D. FAN POWER = 180 WATTS
O.D. FAN POWER = 220 WATTS
S.E.E.R. = 10.75 BTUH/WATT

NOTE : RATED WITH 25 FEET OF 3/4 SUCTION AND 5/16 LIQUID LINE

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN BTUH/100 — INDOOR FAN HEAT GNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGRESS F

Performance Data Cooling

Metric Units

TTB530C1 WITH MCX536E1 AT 0.43 CMS (915 CFM)

Retum Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	8.1	8.1	8.0	7.9	7.4	6.9
	Sensible kW	6.8	6.8	6.7	6.7	6.5	6.2
	SHR (%)	84	84	84	85	87	90
	Compressor kW	1.9	2.1	2.2	2.3	2.5	2.6
24.0/17.0	Capacity kW	8.7	8.6	8.5	8.4	7.9	7.4
	Sensible kW	7.0	7.0	7.0	6.9	6.7	6.5
	SHR (%)	81	81	82	82	85	87
	Compressor kW	2.0	2.1	2.3	2.4	2.5	2.7
29.0/21.0	Capacity kW	9.3	9.2	9.1	8.9	8.4	7.8
	Sensible kW	7.2	7.1	7.1	7.0	6.8	6.6
	SHR (%)	77	77	78	79	81	84
	Compressor kW	2.1	2.2	2.3	2.4	2.6	2.8

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 9.05 KW
AIRFLOW = 0.43 CMS
AIRFLOW = 915. CFM
APP. DEW PT. = 13.6 DEG. C
COMPRESSOR POWER = 2462 WATTS
I.D. FAN POWER = 180 WATTS
O.D. FAN POWER = 220 WATTS
COP = 3.11
EER = 10.60 BTU/WATT

NOTE : RATED WITH 7.62 METERS OF 3/4 IN. SUCTION AND 5/16 IN. LIQUID LINES

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN BTUH/100 — INDOOR FAN HEAT GNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGRESS F

Performance Data Cooling English Units

TTB536C1 WITH MCX536E1 AT 915 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	31.7	26.0	27.9	29.8	31.7	32.5*	2.63	46.1
85	63	34.1	22.4	24.2	26.1	28.0	29.9	2.72	50.3
	67	63.5	18.3	20.2	22.1	24.0	25.8	2.81	54.5
	71	39.1	14.1	16.0	17.9	19.8	21.7	2.91	58.8
	59	31.6	26.0	27.8	29.7	31.6*	32.3*	2.76	46.5
90	63	33.9	22.3	24.2	26.1	27.9	29.8	2.85	50.4
	67	36.4	18.2	20.1	22.0	23.9	25.8	2.95	54.6
	71	38.9	14.1	15.9	17.8	19.7	21.6	3.05	58.9
	59	31.4	25.9	27.8	29.7	31.5*	32.2*	2.89	46.6
95	63	33.8	22.2	24.1	26.0	27.9	29.8	2.98	50.5
	67	36.2	18.1	20.0	21.9	23.8	25.7	3.08	54.7
	71	38.7	14.0	15.9	17.7	19.6	21.5	3.18	59.0
	59	30.6	25.5	27.4	29.2	30.8*	31.5*	2.98	47.1
100	63	32.8	21.8	23.7	25.6	27.4	29.3	3.07	50.9
	67	35.2	17.7	19.6	21.5	23.4	25.3	3.17	55.2
	71	37.6	13.5	15.4	17.3	19.2	21.1	3.27	59.5
	59	29.7	25.0	26.9	28.8	30.1*	30.8*	3.07	47.5
105	63	31.9	21.4	23.2	25.1	27.0	28.9	3.17	51.4
	67	34.1	17.3	19.2	21.1	22.9	24.8	3.26	55.7
	71	36.5	13.1	15.0	16.9	18.8	20.7	3.36	60.0
	59	27.9	24.2	26.1	27.9*	28.7*	29.3*	3.26	48.5
115	63	30.0	20.5	22.4	24.3	26.2	28.1	3.35	52.4
	67	32.1	16.4	18.3	20.2	22.1	24.0	2.45	56.6
	71	34.3	12.3	14.2	16.1	17.9	19.8	3.54	60.9

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 36200 BTUH
AIRFLOW = 915 CFM
APP. DEW PT.= 54.7 DEG.F
COMPRESSOR POWER = 3081 WATTS
I.D. FAN POWER = 180 WATTS
O.D. FAN POWER = 240 WATTS
S.E.E.R. = 10.15 BTUH/WATT

NOTE : RATED WITH 25 FEET OF 3/4 SUCTION AND 5/16 LIQUID LINE

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN BTUH/100 — INDOOR FAN HEAT GNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGRESS F

Performance Data
Cooling Metric Units

TTB536C1 WITH MCX536E1 AT 0.43 CMS (915 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	9.3	9.3	9.3	9.2	8.7	8.3
	Sensible kW	7.4	7.4	7.3	7.3	7.1	6.8
	SHR (%)	79	79	79	79	81	83
	Compressor kW	2.4	2.6	2.7	2.9	3.1	3.2
24.0/17.0	Capacity kW	9.9	9.9	9.9	9.8	9.3	8.8
	Sensible kW	7.5	7.5	7.5	7.5	7.3	7.1
	SHR (%)	76	76	76	75	78	80
	Compressor kW	2.5	2.7	2.8	3.0	3.1	3.3
29.0/21.0	Capacity kW	10.6	10.6	10.5	10.5	9.9	9.4
	Sensible kW	7.5	7.6	7.6	7.6	7.4	7.2
	SHR (%)	72	72	72	72	74	76
	Compressor kW	2.6	2.8	2.9	3.1	3.2	3.4

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 10.60 KW
AIRFLOW = 0.43 CMS
AIRFLOW = 915. CFM
APP. DEW PT. = 12.6 DEG. C
COMPRESSOR POWER = 3081 WATTS
I.D. FAN POWER = 180 WATTS
O.D. FAN POWER = 240 WATTS
COP = 2.90
EER = 10.10 BTU/WATT

NOTE : RATED WITH 7.62 METERS OF 3/4 IN. SUCTION AND 5/16 IN. LIQUID LINES

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN BTUH/100 — INDOOR FAN HEAT GNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGRESS

Performance Data Cooling English Units

TTR030C100A WITH MCX536E1 AT 915 CFM
GROSS CAPACITY IN BTU/H x 1000

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW
85	61	29.0	20.6	22.5	24.2	25.8	26.8	2.31
	65	31.3	17.1	18.9	20.6	22.4	24.1	2.41
	67	32.5	15.2	17.0	18.8	20.5	22.3	2.46
	71	34.9	11.4	13.2	14.9	16.7	18.4	2.56
95	61	28.2	20.4	22.1	23.9	25.3	26.6	2.51
	65	30.4	16.8	16.5	20.3	22.0	23.8	2.61
	67	31.5	14.8	16.6	18.4	20.1	21.9	2.67
	71	33.9	11.1	12.8	14.6	16.3	18.2	2.77
105	61	27.0	19.6	21.4	23.0	24.4	25.8	2.74
	65	29.2	16.1	17.8	19.6	21.3	23.1	2.84
	67	30.3	14.2	15.9	17.7	19.4	21.2	2.90
	71	32.5	12.2	12.2	13.9	15.7	17.4	3.01
115	61	25.9	19.1	20.8	22.3	23.7	25.0	2.96
	65	27.9	15.5	17.3	19.0	20.7	22.4	3.08
	67	29.0	13.6	15.4	17.1	18.9	20.6	3.13
	71	31.2	9.9	11.8	13.3	15.1	16.8	3.24

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 80/67 & 95 F

GROSS CAPACITY :	31.5	MBH
AIRFLOW :	915	CFH
SYSTEM POWER :	3103	WATTS
NOM. SYSTEM AMPS :	16.4	AMPS

TTR036C100A WITH MCX536E1 AT 915 CFM
GROSS CAPACITY IN BTU/H x 1000

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW
85	61	33.3	22.6	24.6	26.5	28.3	29.4	2.67
	65	35.9	18.7	20.7	22.6	24.6	26.4	2.78
	67	37.3	16.7	18.6	20.6	22.5	24.4	2.83
	71	40.1	12.5	14.5	16.3	18.3	20.2	2.95
95	61	32.4	22.3	24.2	26.1	27.8	29.4	2.90
	65	34.9	18.4	20.3	22.2	24.1	26.1	3.01
	67	36.2	16.3	18.2	20.2	22.1	24.0	3.08
	71	38.9	12.2	14.0	16.0	17.9	19.9	3.19
105	61	31.0	21.5	23.4	25.2	26.8	28.3	3.16
	65	33.5	17.6	19.5	21.5	23.3	25.3	3.28
	67	34.9	15.6	17.4	19.4	21.3	23.2	3.34
	71	37.3	13.3	13.4	15.3	17.2	19.1	3.47
115	61	29.7	20.9	22.7	24.4	26.0	27.4	3.42
	65	32.1	17.0	18.9	20.8	22.7	24.6	3.55
	67	33.3	14.9	16.9	18.7	20.7	22.6	3.61
	71	35.8	10.9	12.7	14.6	16.6	18.5	3.74

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 80/67 & 95 F

GROSS CAPACITY :	36.2	MBH
AIRFLOW :	915	CFH
SYSTEM POWER :	3590	WATTS
NOM. SYSTEM AMPS :	18.9	AMPS

Performance Data Cooling Metric Units

TTR030C100A WITH MCX536E1 AT 1556 CFM
GROSS CAPACITY IN BTU/H x 1000

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 22.5	23.5	24.5	25.5	26.5	COMPR. KW
30	16	8.5	6.0	6.6	7.1	7.6	7.9	2.31
	18	9.2	5.0	5.5	6.0	6.6	7.1	2.41
	19.5	9.5	4.5	5.0	5.5	6.0	6.5	2.46
	22	10.2	3.3	3.9	4.4	4.9	5.4	2.56
35	16	8.3	6.0	6.5	7.0	7.4	7.9	2.51
	18	8.9	4.9	5.4	5.9	6.4	7.0	2.61
	19.5	9.2	4.4	4.9	5.4	5.9	6.4	2.67
	22	9.9	3.3	3.8	4.3	4.8	5.3	2.77
40	16	7.9	5.7	6.3	6.7	7.2	7.6	2.74
	18	8.6	4.7	5.2	5.7	6.2	6.8	2.84
	19.5	8.9	4.2	4.7	5.2	5.7	6.2	2.90
	22	9.5	3.6	3.6	4.1	4.6	5.1	3.01
45	16	7.6	5.6	6.1	6.5	7.0	7.3	2.96
	18	8.2	4.5	5.1	5.6	6.1	6.6	3.08
	19.5	8.5	4.0	4.5	5.0	5.5	6.0	3.13
	22	9.1	2.9	3.4	3.9	4.4	4.9	3.24

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 26.5/19.5 & 35 C

GROSS CAPACITY :	9.2	KW
AIRFLOW :	1556	CMH
SYSTEM POWER :	3103	WATTS
NOM. SYSTEM AMPS :	16.4	AMPS

TTR036C100A WITH MCX536E1 AT 1556 CMH
GROSS CAPACITY IN KILOWATTS

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 22.5	23.5	24.5	25.5	26.5	COMPR. KW
30	16	9.8	6.6	7.2	7.8	8.3	8.6	2.67
	18	10.5	5.5	6.1	6.6	7.2	7.7	2.78
	19.5	10.9	4.9	5.5	6.0	6.6	7.2	2.83
	22	11.7	3.7	4.2	4.8	5.4	5.9	2.95
35	16	9.5	6.5	7.1	7.7	8.1	8.6	2.90
	18	10.2	5.4	5.9	6.5	7.1	7.6	3.01
	19.5	10.6	4.8	5.3	5.9	6.5	7.0	3.08
	22	11.4	3.6	4.1	4.7	5.2	5.8	3.19
40	16	9.1	6.3	6.9	7.4	7.8	8.3	3.16
	18	9.8	5.2	5.7	6.3	6.8	7.4	3.28
	19.5	10.2	4.6	5.1	5.7	6.2	6.8	3.34
	22	10.9	3.9	3.9	4.5	5.0	5.6	3.47
45	16	8.7	6.1	6.7	7.2	7.6	8.0	3.42
	18	9.4	5.0	5.5	6.1	6.7	7.2	3.55
	19.5	9.8	4.4	5.0	5.5	6.1	6.6	3.61
	22	10.5	3.2	3.7	4.3	4.9	5.4	3.74

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 26.5/19.5 & 35 C

GROSS CAPACITY :	10.6	KW
AIRFLOW :	1556	CMH
SYSTEM POWER :	3590	WATTS
NOM. SYSTEM AMPS :	18.9	AMPS

Performance Data Cooling English Units

TTR042C100A WITH MCX042E1
AT 1245 CFM
GROSS CAPACITY IN BTU/H x 1000

O.D D.B.	I.D. W.B.	TOT CAP.	SENS. CAP.AT ENTERING D.B. TEMP. 72	75	78	80	COMPR. KW
85	59	40.4	33.0	36.5	40.0	41.2*	3.66
	63	43.6	28.5	32.0	35.6	37.9	3.81
	67	47.0	23.6	27.1	30.6	32.9	3.96
95	59	39.7	32.6	36.1	39.6	40.6*	4.04
	63	42.8	28.2	31.7	35.2	37.5	4.20
	67	46.1	23.2	26.7	30.2	32.5	4.36
105	63	40.2	27.0	30.5	34.0	36.3	4.45
	67	43.3	22.0	25.5	29.0	31.3	4.61
	71	46.4	16.8	20.3	23.9	26.2	4.79
115	63	37.5	25.8	29.3	32.8	35.1	4.70
	67	40.4	20.8	24.3	27.8	30.1	4.87
	71	43.3	15.6	19.1	22.6	25.0	5.04

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 46200 BTUH
AIRFLOW = 1245 CFM
APP. DEW PT.= 54.4 DEG.F
COMPRESSOR POWER = 4361 WATTS
I.D. FAN POWER = 187 WATTS
O.D. FAN POWER = 236 WATTS
S.E.E.R. = 10.35 BTUH/WATT
E.E.R. = 9.85 BTUH/WATT

NOTE : RATED WITH 25 FEET OF 7/8 SUCT. AND 3/8 LIQUID LINE

* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGRESS F.

Performance Data Cooling Metric Units

TTR042C WITH MCX042E1 AT 0.59 CMS (1245 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	11.8	11.9	11.7	11.6	11.0	10.3
	Sensible kW	9.3	9.3	9.3	9.2	8.9	8.6
	SHR (%)	79	79	79	79	81	83
	Compressor kW	3.4	3.6	3.8	4.0	4.3	4.5
24.0/17.0	Capacity kW	12.7	12.7	12.6	12.5	11.8	11.1
	Sensible kW	9.6	9.6	9.5	9.5	9.2	8.9
	SHR (%)	76	76	76	76	78	80
	Compressor kW	3.5	3.8	4.0	4.2	4.4	4.6
29.0/21.0	Capacity kW	13.6	13.6	13.5	13.3	12.6	11.8
	Sensible kW	9.7	9.7	9.6	9.6	9.3	9.0
	SHR (%)	71	71	72	72	74	76
	Compressor kW	3.6	3.9	4.1	4.3	4.6	4.8

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 13.52 KW
AIRFLOW = 0.59 CMS
AIRFLOW = 1245. CFM
APP. DEW PT. = 12.5 DEG. C
COMPRESSOR POWER = 4361 WATTS
I.D. FAN POWER = 187 WATTS
O.D. FAN POWER = 236 WATTS
COP = 2.89
EER = 9.85 BTU/WATT

NOTE : RATED WITH 7.62 METERS OF 7/8 IN. SUCTION AND 3/8 IN. LIQUID LINES

Performance Data Cooling English Units

TTR048C100A WITH MCX042E1
AT 1245 CFM
GROSS CAPACITY IN BTUH

O.D D.B.	I.D. W.B.	TOT CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	75	78	80	COMPR. KW
85	59	42.5	33.9	37.4	40.9	42.8*	4.02
	63	45.7	29.4	32.9	36.4	38.7	4.20
	67	49.1	24.4	27.9	31.4	33.7	4.37
95	59	41.6	33.5	37.0	40.5	42.1*	4.44
	63	44.8	29.0	32.5	36.0	38.3	4.63
	67	48.1	23.9	27.4	30.9	33.3	4.82
105	63	42.0	27.7	31.2	34.7	37.0	4.90
	67	45.1	22.7	26.2	29.7	32.0	5.10
	71	48.3	17.5	21.0	24.5	26.8	5.30
115	63	39.3	26.5	30.0	33.4	35.8	5.17
	67	42.1	21.4	24.9	28.4	30.7	5.37
	71	45.1	16.3	19.7	23.2	25.6	5.59

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 48,200 BTUH
AIRFLOW = 1245 CFM
APP. DEW PT.= 53.7 DEG.F
COMPRESSOR POWER = 4820 WATTS
I.D. FAN POWER = 187 WATTS
O.D. FAN POWER = 237 WATTS
S.E.E.R. = 10.00 BTUH/WATT
E.E.R. = 9.40 BTUH/WATT

NOTE : RATED WITH 25 FEET OF 1 1/8 SUCT. AND 3/8 LIQUID LINE

Performance Data Cooling Metric Units

TTR048C WITH MCX042E1 AT 0.59 (1245 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	12.5	12.5	12.3	12.2	11.5	10.8
	Sensible kW	9.6	9.6	9.5	9.4	9.1	8.8
	SHR (%)	77	77	77	77	79	81
	Compressor kW	3.7	4.0	4.2	4.4	4.7	4.8
24.0/17.0	Capacity kW	13.3	13.3	13.2	13.0	12.3	11.6
	Sensible kW	9.9	9.8	9.8	9.7	9.4	9.1
	SHR (%)	74	74	74	74	76	78
	Compressor kW	3.8	4.1	4.4	4.6	4.8	5.1
29.0/21.0	Capacity kW	14.2	14.2	14.1	13.9	13.1	12.4
	Sensible kW	9.9	9.9	9.8	9.8	9.5	9.2
	SHR (%)	70	70	70	70	72	74
	Compressor kW	4.0	4.3	4.5	4.8	5.0	5.3

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 14.11 KW
AIRFLOW = 0.59 CMS
AIRFLOW = 1245. CFM
APP. DEW PT. = 12.1 DEG. C
COMPRESSOR POWER = 4820 WATTS
I.D. FAN POWER = 187 WATTS
O.D. FAN POWER = 237 WATTS
COP = 2.75
EER = 9.40 BTU/WATT

NOTE : RATED WITH 7.62 METERS OF 1/8 IN. SUCTION AND 3/8 IN. LIQUID LINES

Performance Data
Cooling English Units

TTR048C100A WITH MCX048
AT 1200 CFM
GROSS CAPACITY IN BTUH

O.D D.B.	I.D. W.B.	TOT CAP.	SENS. CAP.AT ENTERING D.B. TEMP. 72	75	78	80	COMPR. KW
85	59	42.8	33.4	36.9	40.5	42.8*	3.94
	63	46.1	28.8	32.4	35.9	38.3	4.11
	67	49.5	23.8	27.3	30.9	33.2	4.29
95	59	41.7	32.8	36.4	39.9	41.9*	4.34
	63	44.9	28.3	31.8	35.4	37.7	4.52
	67	48.1	23.2	26.7	30.3	32.7	4.72
105	63	41.8	26.9	30.5	34.0	36.4	4.82
	67	44.9	21.9	25.4	29.0	31.3	5.02
	71	48.0	16.7	20.2	23.8	26.1	5.23
115	63	38.8	25.7	29.2	32.8	35.1	5.11
	67	41.6	20.6	24.1	27.7	30.0	5.32
	71	44.5	15.3	18.9	22.4	24.8	5.54

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 48200 BTUH
AIRFLOW = 1200 CFM
APP. DEW PT.= 52.9 DEG.F
COMPRESSOR POWER = 4717 WATTS
I.D. FAN POWER = 187 WATTS
O.D. FAN POWER = 237 WATTS
S.E.E.R. = 10.15 BTUH/WATT
E.E.R. = 9.60 BTUH/WATT

NOTE : RATED WITH 25 FEET OF 1 1/8 SUCT. AND 3/8 LIQUID LINE

Performance Data Cooling

Metric Units

TTR048C WITH MCX048E1 AT 0.57 CMS (1200 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	12.7	12.6	12.4	12.2	11.5	10.7
	Sensible kW	9.5	9.5	9.4	9.3	8.9	8.6
	SHR (%)	75	75	76	76	78	80
	Compressor kW	3.6	3.9	4.1	4.3	4.6	4.8
24.0/17.0	Capacity kW	13.6	13.4	13.2	13.0	12.3	11.5
	Sensible kW	9.7	9.7	9.6	9.5	9.2	8.8
	SHR (%)	72	72	73	73	75	77
	Compressor kW	3.8	4.1	4.3	4.5	4.8	5.0
29.0/21.0	Capacity kW	14.5	14.3	14.1	13.9	13.1	12.2
	Sensible kW	9.8	9.8	9.7	9.6	9.3	9.0
	SHR (%)	68	68	69	69	71	74
	Compressor kW	3.9	4.2	4.4	4.7	4.9	5.2

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 14.11 KW
AIRFLOW = 0.57 CMS
AIRFLOW = 1200. CFM
APP. DEW PT. = 11.6 DEG. C
COMPRESSOR POWER = 4717 WATTS
I.D. FAN POWER = 187 WATTS
O.D. FAN POWER = 237 WATTS
COP = 2.81
EER = 9.60 BTU/WATT

NOTE : RATED WITH 7.62 METERS OF 1/8 IN. SUCTION AND 3/8 IN. LIQUID LINES

Performance Data Cooling English Units

TTR060C100A WITH MCX060E1
AT 1315 CFM
GROSS CAPACITY IN BTUH

O.D D.B.	I.D. W.B.	TOT CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	75	78	80	COMPR. KW
85	59	52.6	40.3	44.3	48.3	51.0	4.67
	63	56.5	35.0	39.0	43.0	45.7	4.85
	67	60.6	29.3	33.3	37.3	39.9	5.04
95	59	51.8	39.9	43.9	47.9	50.6	5.16
	63	55.7	34.6	38.6	42.6	45.2	5.35
	67	59.6	28.9	32.9	36.9	39.5	5.54
105	63	52.1	33.0	37.0	41.0	43.6	5.69
	67	55.8	27.2	31.2	35.2	37.9	5.88
	71	59.6	21.3	25.3	29.3	32.0	6.08
115	63	48.6	31.4	35.4	39.4	42.0	6.04
	67	52.0	25.6	29.6	33.6	36.3	6.23
	71	55.5	19.7	23.7	27.7	30.4	6.41

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 59700 BTUH
AIRFLOW = 1315 CFM
APP. DEW PT.= 51.6 DEG.F
COMPRESSOR POWER = 5541 WATTS
I.D. FAN POWER = 187 WATTS
O.D. FAN POWER = 269 WATTS
S.E.E.R. = 10.65 BTUH/WATT
E.E.R. = 10.25 BTUH/WATT

NOTE : RATED WITH 25 FEET OF 1 1/8 SUCT. AND 3/8 LIQUID LINE

Performance Data Cooling Metric Units

TTR060C1 WITH MCX060E1 AT 0.62 CMS (1315 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	15.4	15.4	15.3	15.2	14.3	13.4
	Sensible kW	11.5	11.5	11.4	11.3	10.9	10.4
	SHR (%)	74	74	74	75	76	77
	Compressor kW	4.3	4.6	4.9	5.2	5.5	5.8
24.0/17.0	Capacity kW	16.4	16.5	16.3	16.2	15.3	14.3
	Sensible kW	11.7	11.7	11.6	11.5	11.1	10.7
	SHR (%)	71	71	71	71	73	75
	Compressor kW	4.5	4.8	5.1	5.3	5.6	6.0
29.0/21.0	Capacity kW	17.5	17.5	17.4	17.2	16.2	15.3
	Sensible kW	11.7	11.7	11.6	11.6	11.2	10.8
	SHR (%)	67	67	67	67	69	71
	Compressor kW	4.6	5.0	5.2	5.5	5.8	6.1

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 17.48 KW
AIRFLOW = 0.62 CMS
AIRFLOW = 1315 CFM
APP. DEW PT. = 10.9 DEG. C
COMPRESSOR POWER = 5541 WATTS
I.D. FAN POWER = 187 WATTS
O.D. FAN POWER = 269 WATTS
COP = 3.00
EER = 10.25 BTU/WATT

NOTE : RATED WITH 7.62 METERS OF 1/8 IN. SUCTION AND 3/8 IN. LIQUID LINES

Performance Data Cooling English Units

TTA030C300A WITH MCX536E1 AT 915 CFM
GROSS CAPACITY IN BTU/H x 1000

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW
85	61	29.2	20.8	22.7	24.4	26.1	27.1	2.30
	65	31.5	17.3	19.1	20.8	22.6	24.3	2.40
	67	32.7	15.4	17.1	18.9	20.7	22.5	2.45
	71	35.1	11.5	13.3	15.0	16.9	18.6	2.55
95	61	28.3	20.6	22.3	24.1	25.6	27.1	2.50
	65	30.6	16.9	18.6	20.5	22.2	24.0	2.60
	67	31.7	15.0	16.8	18.6	20.3	22.1	2.66
	71	34.1	11.2	12.9	14.7	16.5	18.3	2.76
105	61	27.2	19.8	21.5	23.2	24.6	26.1	2.73
	65	29.4	16.2	18.0	19.8	21.5	23.3	2.83
	67	30.5	14.4	16.1	17.9	19.6	21.4	2.88
	71	32.7	12.3	12.3	14.1	15.9	17.6	3.00
115	61	26.0	19.2	20.9	22.5	24.0	25.2	2.95
	65	28.1	15.6	17.4	19.1	20.9	22.6	3.06
	67	29.2	13.7	15.6	17.2	19.0	20.8	3.12
	71	31.4	10.0	11.7	13.5	15.2	17.0	3.23

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 80/67 & 95 F

GROSS CAPACITY :	31.7	MBH
AIRFLOW :	915	CFM
SYSTEM POWER :	3117	WATTS
NOM. SYSTEM AMPS :	12.7	AMPS

TTA030C400A WITH MCX536E1 AT 915 CFM
GROSS CAPACITY IN BTU/H x 1000

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW
85	61	29.2	20.8	22.7	24.4	26.1	27.1	2.30
	65	31.5	17.3	19.1	20.8	22.6	24.3	2.40
	67	32.7	15.4	17.1	18.9	20.7	22.5	2.45
	71	35.1	11.5	13.3	15.0	16.9	18.6	2.55
95	61	28.3	20.6	22.3	24.1	25.6	27.1	2.50
	65	30.6	16.9	18.6	20.5	22.2	24.0	2.60
	67	31.7	15.0	16.8	18.6	20.3	22.1	2.66
	71	34.1	11.2	12.9	14.7	16.5	18.3	2.76
105	61	27.2	19.8	21.5	23.2	24.6	26.1	2.73
	65	29.4	16.2	18.0	19.8	21.5	23.3	2.83
	67	30.5	14.4	16.1	17.9	19.6	21.4	2.88
	71	32.7	12.3	12.3	14.1	15.9	17.6	3.00
115	61	26.0	19.2	20.9	22.5	24.0	25.2	2.95
	65	28.1	15.6	17.4	19.1	20.9	22.6	3.06
	67	29.2	13.7	15.6	17.2	19.0	20.8	3.12
	71	31.4	10.0	11.7	13.5	15.2	17.0	3.23

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 80/67 & 95 F

GROSS CAPACITY :	31.7	MBH
AIRFLOW :	915	CFM
SYSTEM POWER :	3117	WATTS
NOM. SYSTEM AMPS :	6.8	AMPS

Performance Data Cooling Metric Units

TTA030C300A WITH MCX536E1 AT 1556 CMH GROSS CAPACITY IN KILOWATTS

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP.AT ENTERING D.B. TEMP. 22.5	23.5	24.5	25.5	26.5	COMPR. KW
30	16	8.5	6.1	6.6	7.1	7.6	7.9	2.30
	18	9.2	5.1	5.6	6.1	6.6	7.1	2.40
	19.5	9.6	4.5	5.0	5.6	6.1	6.6	2.45
	22	10.3	3.4	3.9	4.4	4.9	5.5	2.55
35	16	8.3	6.0	6.5	7.1	7.5	7.9	2.50
	18	9.0	5.0	5.5	6.0	6.5	7.0	2.60
	19.5	9.3	4.4	4.9	5.4	6.0	6.5	2.66
	22	10.0	3.3	3.8	4.3	4.8	5.4	2.76
40	16	8.0	5.8	6.3	6.8	7.2	7.6	2.73
	18	8.6	4.8	5.3	5.8	6.3	6.8	2.83
	19.5	8.9	4.2	4.7	5.2	5.7	6.3	2.88
	22	9.6	3.6	3.6	4.1	4.6	5.2	3.00
45	16	7.6	5.6	6.1	6.6	7.0	7.4	2.95
	18	8.2	4.6	5.1	5.6	6.1	6.6	3.06
	19.5	8.5	4.0	4.6	5.1	5.6	6.1	3.12
	22	9.2	2.9	3.4	3.9	4.5	5.0	3.23

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 26.5/19.5 & 35 C

GROSS CAPACITY :	9.3	KW
AIRFLOW :	1556	CMH
SYSTEM POWER :	3117	WATTS
NOM. SYSTEM AMPS :	12.7	AMPS

TTA030C400A WITH MCX536E1 AT 1556 CMH GROSS CAPACITY IN KILOWATTS

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP.AT ENTERING D.B. TEMP. 22.5	23.5	24.5	25.5	26.5	COMPR. KW
30	16	8.5	6.1	6.6	7.1	7.6	7.9	2.30
	18	9.2	5.1	5.6	6.1	6.6	7.1	2.40
	19.5	9.6	4.5	5.0	5.6	6.1	6.6	2.45
	22	10.3	3.4	3.9	4.4	4.9	5.5	2.55
35	16	8.3	6.0	6.5	7.1	7.5	7.9	2.50
	18	9.0	5.0	5.5	6.0	6.5	7.0	2.60
	19.5	9.3	4.4	4.9	5.4	6.0	6.5	2.66
	22	10.0	3.3	3.8	4.3	4.8	5.4	2.76
40	16	8.0	5.8	6.3	6.8	7.2	7.6	2.73
	18	8.6	4.8	5.3	5.8	6.3	6.8	2.83
	19.5	8.9	4.2	4.7	5.2	5.7	6.3	2.88
	22	9.6	3.6	3.6	4.1	4.6	5.2	3.00
45	16	7.6	5.6	6.1	6.6	7.0	7.4	2.95
	18	8.2	4.6	5.1	5.6	6.1	6.6	3.06
	19.5	8.5	4.0	4.6	5.1	5.6	6.1	3.12
	22	9.2	2.9	3.4	3.9	4.5	5.0	3.23

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 26.5/19.5 & 35 C

GROSS CAPACITY :	9.3	KW
AIRFLOW :	1556	CMH
SYSTEM POWER :	3117	WATTS
NOM. SYSTEM AMPS :	6.8	AMPS

Performance Data
Cooling English Units

TTA036C300A WITH MCX536E1 AT 915 CFM
GROSS CAPACITY IN BTU/H x 1000

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW
85	61	33.7	22.8	24.8	26.7	28.5	29.6	2.71
	65	36.3	18.9	20.9	22.8	24.8	26.7	2.82
	67	37.7	16.8	18.8	20.7	22.6	24.6	2.88
	71	40.5	12.6	14.6	16.4	18.5	20.4	3.00
95	61	32.7	22.5	24.4	26.4	28.0	29.6	2.94
	65	35.3	18.5	20.4	22.4	24.3	26.3	3.06
	67	36.6	16.4	18.4	20.3	22.3	24.2	3.12
	71	39.3	12.3	14.1	16.1	18.0	20.1	3.25
105	61	31.4	21.7	23.6	25.4	27.0	28.5	3.21
	65	33.9	17.8	19.7	21.6	23.5	25.5	3.33
	67	35.2	15.7	17.6	19.6	21.5	23.4	3.39
	71	37.7	13.4	13.5	15.4	17.4	19.3	3.53
115	61	30.0	21.1	22.9	24.6	26.2	27.6	3.47
	65	32.4	17.1	19.1	21.0	22.9	24.8	3.61
	67	33.7	15.0	17.1	18.9	20.9	22.7	3.67
	71	36.2	10.9	12.8	14.7	16.7	18.6	3.80

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 80/67 & 95 F

GROSS CAPACITY :	36.6	MBH
AIRFLOW :	915	CFM
SYSTEM POWER :	3639	WATTS
NOM. SYSTEM AMPS :	14.7	AMPS

TTA036C400A WITH MCX536E1 AT 915 CFM
GROSS CAPACITY IN BTU/H x 1000

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW
85	61	33.7	22.8	24.8	26.7	28.5	29.6	2.71
	65	36.3	18.9	20.9	22.8	24.8	26.7	2.82
	67	37.7	16.8	18.8	20.7	22.6	24.6	2.88
	71	40.5	12.6	14.6	16.4	18.5	20.4	3.00
95	61	32.7	22.5	24.4	26.4	28.0	29.6	2.94
	65	35.3	18.5	20.4	22.4	24.3	26.3	3.06
	67	36.6	16.4	18.4	20.3	22.3	24.2	3.12
	71	39.3	12.3	14.1	16.1	18.0	20.1	3.25
105	61	31.4	21.7	23.6	25.4	27.0	28.5	3.21
	65	33.9	17.8	19.7	21.6	23.5	25.5	3.33
	67	35.2	15.7	17.6	19.6	21.5	23.4	3.39
	71	37.7	13.4	13.5	15.4	17.4	19.3	3.53
115	61	30.0	21.1	22.9	24.6	26.2	27.6	3.47
	65	32.4	17.1	19.1	21.0	22.9	24.8	3.61
	67	33.7	15.0	17.1	18.9	20.9	22.7	3.67
	71	36.2	10.9	12.8	14.7	16.7	18.6	3.80

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 80/67 & 95 F

GROSS CAPACITY :	36.6	MBH
AIRFLOW :	915	CFM
SYSTEM POWER :	3639	WATTS
NOM. SYSTEM AMPS :	6.8	AMPS

Performance Data Cooling Metric Units

TTA036C300A WITH MCX536E1 AT 1556 CMH
GROSS CAPACITY IN KILOWATTS

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 22.5	23.5	24.5	25.5	26.5	COMPR. KW
30	16	9.9	6.7	7.3	7.8	8.4	8.7	2.71
	18	10.6	5.5	6.1	6.7	7.3	7.8	2.82
	19.5	11.1	4.9	5.5	6.1	6.6	7.2	2.88
	22	11.9	3.7	4.3	4.8	5.4	6.0	3.00
35	16	9.6	6.6	7.1	7.7	8.2	8.7	2.94
	18	10.3	5.4	6.0	6.6	7.1	7.7	3.06
	19.5	10.7	4.8	5.4	6.0	6.5	7.1	3.12
	22	11.5	3.6	4.1	4.7	5.3	5.9	3.25
40	16	9.2	6.3	6.9	7.4	7.9	8.4	3.21
	18	9.9	5.2	5.8	6.3	6.9	7.5	3.33
	19.5	10.3	4.6	5.2	5.7	6.3	6.9	3.39
	22	11.1	3.9	4.0	4.5	5.1	5.6	3.53
45	16	8.8	6.2	6.7	7.2	7.7	8.1	3.47
	18	9.5	5.0	5.6	6.1	6.7	7.3	3.61
	19.5	9.9	4.4	5.0	5.5	6.1	6.7	3.67
	22	10.6	3.2	3.8	4.3	4.9	5.5	3.80

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 26.5/19.5 & 35 C

GROSS CAPACITY :	10.7	KW
AIRFLOW :	1556	CMH
SYSTEM POWER :	3639	WATTS
NOM. SYSTEM AMPS :	14.7	AMPS

TTA036C400A WITH MCX536E1 AT 1556 CMH
GROSS CAPACITY IN KILOWATTS

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 22.5	23.5	24.5	25.5	26.5	COMPR. KW
30	16	9.9	6.7	7.3	7.8	8.4	8.7	2.71
	18	10.6	5.5	6.1	6.7	7.3	7.8	2.82
	19.5	11.1	4.9	5.5	6.1	6.6	7.2	2.88
	22	11.9	3.7	4.3	4.8	5.4	6.0	3.00
35	16	9.6	6.6	7.1	7.7	8.2	8.7	2.94
	18	10.3	5.4	6.0	6.6	7.1	7.7	3.06
	19.5	10.7	4.8	5.4	6.0	6.5	7.1	3.12
	22	11.5	3.6	4.1	4.7	5.3	5.9	3.25
40	16	9.2	6.3	6.9	7.4	7.9	8.4	3.21
	18	9.9	5.2	5.8	6.3	6.9	7.5	3.33
	19.5	10.3	4.6	5.2	5.7	6.3	6.9	3.39
	22	11.1	3.9	4.0	4.5	5.1	5.6	3.53
45	16	8.8	6.2	6.7	7.2	7.7	8.1	3.47
	18	9.5	5.0	5.6	6.1	6.7	7.3	3.61
	19.5	9.9	4.4	5.0	5.5	6.1	6.7	3.67
	22	10.6	3.2	3.8	4.3	4.9	5.5	3.80

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 26.5/19.5 & 35 C

GROSS CAPACITY .	10.7	KW
AIRFLOW :	1556	CMH
SYSTEM POWER :	3639	WATTS
NOM. SYSTEM AMPS :	6.8	AMPS

Performance Data
Cooling English Units

TTA042C3 WITH MCX042E1
AT 1245 CFM
GROSS CAPACITY IN BTUH x 1000

O.D D.B.	I.D. W.B.	TOT CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	75	78	80	COMPR. KW
85	59	40.4	33.0	36.5	40.0	41.2*	3.63
	63	43.7	28.5	32.0	35.5	37.9	3.77
	67	47.1	23.5	27.1	30.6	32.9	3.92
95	59	39.7	32.6	36.1	39.6	40.6*	4.00
	63	42.9	28.2	31.7	35.2	37.5	4.15
	67	46.1	23.2	26.7	30.2	32.5	4.31
105	63	40.2	26.9	30.4	34.0	36.3	4.40
	67	43.2	21.9	25.4	29.0	31.3	4.56
	71	46.4	16.8	20.3	23.8	26.2	4.73
115	63	37.5	25.7	29.3	32.8	35.1	4.64
	67	40.3	20.7	24.2	27.7	30.1	4.81
	71	43.3	15.6	19.1	22.6	24.9	4.97

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 46200 BTUH
AIRFLOW = 1245 CFM
APP. DEW PT.= 54.4 DEG.F
COMPRESSOR POWER = 4314 WATTS
I.D. FAN POWER = 187 WATTS
O.D. FAN POWER = 261 WATTS
S.E.E.R. = 10.40 BTUH/WATT
E.E.R. = 9.90 BTUH/WATT

NOTE : RATED WITH 25 FEET OF 7/8 SUCT. AND 3/8 LIQUID LINE

* 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.

Performance Data Cooling Metric Units

TTA042C3 WITH MCX042E1 AT 0.59 CMS (1245 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	11.9	11.9	11.8	11.6	11.0	10.3
	Sensible kW	9.3	9.3	9.3	9.2	8.9	8.6
	SHR (%)	78	78	79	79	81	83
	Compressor kW	3.3	3.6	3.8	4.0	4.2	4.4
24.0/17.0	Capacity kW	12.7	12.7	12.6	12.5	11.8	11.1
	Sensible kW	9.6	9.6	9.5	9.5	9.2	8.8
	SHR (%)	75	75	76	76	78	80
	Compressor kW	3.5	3.7	3.9	4.1	4.4	4.6
29.0/21.0	Capacity kW	13.6	13.6	13.5	13.3	12.6	11.8
	Sensible kW	9.7	9.7	9.6	9.6	9.3	9.0
	SHR (%)	71	71	71	72	74	76
	Compressor kW	3.6	3.9	4.1	4.3	4.5	4.7

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 13.52 KW
AIRFLOW = 0.59 CMS
AIRFLOW = 1245. CFM
APP. DEW PT. = 12.5 DEG. C
COMPRESSOR POWER = 4314 WATTS
I.D. FAN POWER = 187 WATTS
O.D. FAN POWER = 261 WATTS
COP = 2.90
EER = 9.90 BTU/WATT

NOTE : RATED WITH 7.62 METERS OF 7/8 IN. SUCTION AND 3/8 IN. LIQUID 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 C.

Performance Data
Cooling English Units

TTA048C3 WITH MCX042E1
AT 1245 CFM
GROSS CAPACITY IN BTUH/1000

O.D D.B.	I.D. W.B.	TOT CAP.	SENS. CAP.AT ENTERING D.B. TEMP. 72	75	78	80	COMPR. KW
85	59	42.4	33.8	37.2	40.7	42.7*	3.98
	63	45.7	29.3	32.8	36.3	38.6	4.13
	67	49.1	24.3	27.8	31.3	33.6	4.29
95	59	41.6	33.4	36.9	40.3	42.0*	4.37
	63	44.8	28.9	32.4	35.9	38.2	4.54
	67	48.1	23.9	27.4	30.9	33.2	4.72
105	63	42.1	27.7	31.2	34.6	37.0	4.79
	67	45.2	22.7	26.1	29.6	32.0	4.97
	71	48.4	17.5	21.0	24.5	26.8	5.16
115	63	39.4	26.4	29.9	33.4	35.8	5.05
	67	42.3	21.4	24.9	28.4	30.7	5.23
	71	45.3	16.3	19.8	23.3	25.6	5.42

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 48200 BTUH
AIRFLOW = 1245 CFM
APP. DEW PT.= 53.6 DEG.F
COMPRESSOR POWER = 4715 WATTS
I.D. FAN POWER = 187 WATTS
O.D. FAN POWER = 262 WATTS
S.E.E.R. = 10.10 BTUH/WATT
E.E.R. = 9.60 BTUH/WATT

NOTE : RATED WITH 25 FEET OF 1 1/8 SUCT. AND 3/8 LIQUID LINE

* 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.

Performance Data
Cooling Metric Units

TTA048C3 WITH MCX042E AT 0.59 CMS (1245 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	12.5	12.4	12.3	12.2	11.5	10.9
	Sensible kW	9.6	9.5	9.5	9.4	9.1	8.8
	SHR (%)	77	77	77	77	79	81
	Compressor kW	3.7	3.9	4.2	4.4	4.6	4.8
24.0/17.0	Capacity kW	13.3	13.3	13.2	13.0	12.3	11.6
	Sensible kW	9.8	9.8	9.8	9.7	9.4	9.0
	SHR (%)	74	74	74	74	76	78
	Compressor kW	3.8	4.1	4.3	4.5	4.7	5.0
29.0/21.0	Capacity kW	14.2	14.2	14.1	13.9	13.1	12.4
	Sensible kW	9.9	9.9	9.8	9.7	9.4	9.1
	SHR (%)	69	69	70	70	72	74
	Compressor kW	3.9	4.2	4.5	4.7	4.9	5.1

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 14.11 KW
AIRFLOW = 0.59 CMS
AIRFLOW = 1245. CFM
APP. DEW PT. = 12.0 DEG. C
COMPRESSOR POWER = 4715 WATTS
I.D. FAN POWER = 187 WATTS
O.D. FAN POWER = 262 WATTS
COP = 2.81
EER = 9.60 BTU/WATT

NOTE : RATED WITH 7.62 METERS OF1 1/8 IN. SUCTION AND 3/8 IN. LIQUID 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 C.

Performance Data Cooling English Units

TTA048C3 WITH MCX048E1 AT 1200 CFM GROSS CAPACITY IN BTUH/1000

O.D D.B.	I.D. W.B.	TOT CAP.	SENS. CAP.AT ENTERING D.B. TEMP. 72	75	78	80	COMPR. KW
	59	42.7	33.3	36.8	40.4	42.7	3.89
85	63	46.0	28.7	32.3	35.8	38.2	4.04
	67	49.5	23.7	27.2	30.8	33.2	4.20
	59	41.6	32.7	36.3	39.8	41.9*	4.27
95	63	44.8	28.2	31.7	35.3	37.6	4.44
	67	48.1	23.1	26.7	30.2	32.6	4.61
	63	41.9	26.9	30.5	34.0	36.4	4.71
105	67	44.9	21.8	25.4	28.9	31.3	4.90
	71	48.1	16.7	20.2	23.7	26.1	5.08
	63	38.9	25.6	29.2	32.7	35.1	4.99
115	67	41.7	20.6	24.1	27.7	30.0	5.18
	71	44.6	15.4	18.9	22.5	24.8	5.37

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 48200 BTUH
AIRFLOW = 1200 CFM
APP. DEW PT.= 52.8 DEG.F
COMPRESSOR POWER = 4612 WATTS
I.D. FAN POWER = 187 WATTS
O.D. FAN POWER = 262 WATTS
S.E.E.R. = 10.30 BTUH/WATT
E.E.R. = 9.80 BTUH/WATT

NOTE : RATED WITH 25 FEET OF 1 1/8 SUCT. AND 3/8 LIQUID LINE

* 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.

Performance Data Cooling Metric Units

TTA048C3 WITH MCX048E1 AT 0.57 CMS (1200 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	12.6	12.6	12.4	12.2	11.5	10.8
	Sensible kW	9.5	9.4	9.3	9.2	8.9	8.6
	SHR (%)	75	75	75	76	77	80
	Compressor kW	3.6	3.9	4.1	4.3	4.5	4.8
24.0/17.0	Capacity kW	13.5	13.4	13.2	13.0	12.3	11.5
	Sensible kW	9.7	9.7	9.6	9.5	9.2	8.8
	SHR (%)	72	72	72	73	75	77
	Compressor kW	3.7	4.0	4.2	4.4	4.7	4.9
29.0/21.0	Capacity kW	14.4	14.3	14.1	13.9	13.1	12.2
	Sensible kW	9.8	9.8	9.7	9.6	9.3	9.0
	SHR (%)	68	68	69	69	71	73
	Compressor kW	3.9	4.1	4.4	4.6	4.8	5.1

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 14.11 KW
AIRFLOW = 0.57 CMS
AIRFLOW = 1200. CFM
APP. DEW PT. = 11.6 DEG. C
COMPRESSOR POWER = 4612 WATTS
I.D. FAN POWER = 187 WATTS
O.D. FAN POWER = 262 WATTS
COP = 2.87
EER = 9.80 BTU/WATT

NOTE : RATED WITH 7.62 METERS OF1 1/8 IN. SUCTION AND 3/8 IN. LIQUID 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 C.

Performance Data Cooling English Units

TTA060C3 WITH MCX060E1 AT 1315 CFM GROSS CAPACITY IN BTUH

O.D D.B.	I.D. W.B.	TOT CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	75	78	80	COMPR. KW
85	59	53.0	40.5	44.5	48.5	51.1	4.59
	63	56.9	35.2	39.2	43.1	45.8	4.77
	67	61.0	29.4	33.4	37.4	40.1	4.96
95	59	52.3	40.1	44.1	48.1	50.8	5.06
	63	56.1	34.8	38.8	42.8	45.4	5.25
	67	60.1	29.1	33.0	37.0	39.7	5.45
105	63	52.9	33.3	37.3	41.3	43.9	5.60
	67	56.6	27.5	31.5	35.5	38.2	5.79
	71	60.4	21.6	25.6	29.6	32.3	5.99
115	63	49.6	31.8	35.8	39.8	42.5	5.95
	67	53.1	26.1	30.0	34.0	36.7	6.13
	71	56.6	20.2	24.1	28.1	30.8	6.33

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 60200 BTUH
AIRFLOW = 1315 CFM
APP. DEW PT.= 51.3 DEG.F
COMPRESSOR POWER = 5450 WATTS
I.D. FAN POWER = 187 WATTS
O.D. FAN POWER = 269 WATTS
S.E.E.R. = 10.90 BTUH/WATT
E.E.R. = 10.50 BTUH/WATT

NOTE : RATED WITH 25 METERS OF1 1/8 IN. SUCTION AND 3/8 IN. LIQUID 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.

Performance Data Cooling Metric Units

TTA060C3 WITH MCX060E1 AT 0.62 CMS (1315 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	15.5	15.6	15.4	15.3	14.5	13.7
	Sensible kW	11.5	11.5	11.5	11.4	11.0	10.6
	SHR (%)	74	74	74	74	76	77
	Compressor kW	4.2	4.5	4.8	5.1	5.4	5.7
24.0/17.0	Capacity kW	16.5	16.6	16.5	16.3	15.5	14.6
	Sensible kW	11.7	11.7	11.7	11.6	11.2	10.8
	SHR (%)	71	71	71	71	72	74
	Compressor kW	4.4	4.7	5.0	5.2	5.5	5.9
29.0/21.0	Capacity kW	17.6	17.7	17.5	17.4	16.5	15.6
	Sensible kW	11.7	11.7	11.7	11.6	11.3	10.9
	SHR (%)	67	66	67	67	68	70
	Compressor kW	4.5	4.9	5.1	5.4	5.7	6.0

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 17.62 KW
AIRFLOW = 0.62 CMS
AIRFLOW = 1315. CFM
APP. DEW PT. = 10.7 DEG. C
COMPRESSOR POWER = 5450 WATTS
I.D. FAN POWER = 187 WATTS
O.D. FAN POWER = 269 WATTS
COP = 3.08
EER = 1050 BTU/WATT

NOTE : RATED WITH 7.62 METERS OF 1 1/8 IN. SUCTION AND 3/8 IN. LIQUID 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 C.

Performance Data Cooling English Units

TTK512L100C WITH MCX512E1 AT 400 CFM
GROSS CAPACITY IN BTU/Hx1000

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW
85	61	11.1	8.0	8.7	9.4	10.0	10.4	1.02
	65	12.0	6.6	7.3	8.0	8.7	9.4	1.06
	67	12.5	5.9	6.6	7.3	8.0	8.6	1.08
	71	13.4	4.4	5.1	5.8	6.5	7.2	1.12
95	61	10.8	7.9	8.6	9.3	9.8	10.4	1.10
	65	11.7	6.5	7.2	7.9	8.5	9.2	1.15
	67	12.1	5.8	6.5	7.1	7.8	8.5	1.17
	71	13.0	4.3	5.0	5.7	6.3	7.0	1.22
105	61	10.4	7.6	8.3	8.9	9.5	10.0	1.20
	65	11.2	6.2	6.9	7.6	8.3	9.0	1.25
	67	11.7	5.5	6.2	6.9	7.5	8.2	1.27
	71	12.5	4.7	4.7	5.4	6.1	6.8	1.32
115	61	9.9	7.4	8.1	8.7	9.2	9.7	1.30
	65	10.7	6.0	6.7	7.4	8.0	8.7	1.35
	67	11.1	5.3	6.0	6.6	7.3	8.0	1.38
	71	12.0	3.8	4.5	5.2	5.9	6.5	1.43

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 80/67 & 95F

GROSS CAPACITY :	12.1	MBH
AIRFLOW :	400	CFM
SYSTEM POWER :	1394	WATTS
NOM. SYSTEM AMPS :	7.2	AMPS

TTK512P100A WITH MCX512E1 AT 400 CFM
GROSS CAPACITY IN BTU/Hx1000

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW
85	61	11.3	9.3	10.1	10.9	11.6	12.0	0.99
	65	12.2	7.7	8.5	9.3	10.1	10.8	1.03
	67	12.7	6.8	7.6	8.4	9.2	10.0	1.05
	71	13.6	5.1	5.9	6.7	7.5	8.3	1.09
95	61	11.0	9.2	9.9	10.7	11.4	12.0	1.07
	65	11.9	7.5	8.3	9.1	9.9	10.7	1.12
	67	12.3	6.7	7.5	8.3	9.1	9.8	1.14
	71	13.2	5.0	5.8	6.6	7.3	8.2	1.18
105	61	10.5	8.8	9.6	10.3	11.0	11.6	1.17
	65	11.4	7.2	8.0	8.8	9.6	10.4	1.22
	67	11.8	6.4	7.2	8.0	8.7	9.5	1.24
	71	12.7	5.5	5.5	6.3	7.1	7.8	1.29
115	61	10.1	8.6	9.3	10.0	10.7	11.2	1.27
	65	10.9	7.0	7.8	8.5	9.3	10.1	1.32
	67	11.3	6.1	6.9	7.7	8.5	9.2	1.34
	71	12.2	4.4	5.2	6.0	6.8	7.6	1.39

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 80/67 & 95 F

GROSS CAPACITY :	12.3	MBH
AIRFLOW :	400	CFM
SYSTEM POWER :	1370	WATTS
NOM. SYSTEM AMPS :	6.3	AMPS

Performance Data Cooling Metric Units

TTK512L100C WITH MCX512E1 AT 680 CMH
GROSS CAPACITY IN KILOWATTS

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP.AT ENTERING D.B. TEMP. 22.5	23.5	24.5	25.5	26.5	COMPR. KW
	16	3.3	2.3	2.6	2.7	2.9	3.0	1.02
30	18	3.5	1.9	2.1	2.3	2.5	2.7	1.06
	19.5	3.7	1.7	1.9	2.1	2.3	2.5	1.08
	22	3.9	1.3	1.5	1.7	1.9	2.1	1.12
	16	3.2	2.3	2.5	2.7	2.9	3.0	1.10
35	18	3.4	1.9	2.1	2.3	2.5	2.7	1.15
	19.5	3.5	1.7	1.9	2.1	2.3	2.5	1.17
	22	3.8	1.3	1.5	1.7	1.9	2.1	1.22
	16	3.0	2.2	2.4	2.6	2.8	2.9	1.20
40	18	3.3	1.8	2.0	2.2	2.4	2.6	1.25
	19.5	3.4	1.6	1.8	2.0	2.2	2.4	1.27
	22	3.7	1.4	1.4	1.6	1.8	2.0	1.32
	16	2.9	2.2	2.4	2.5	2.7	2.8	1.30
45	18	3.1	1.8	2.0	2.2	2.4	2.6	1.35
	19.5	3.3	1.5	1.8	1.9	2.1	2.3	1.38
	22	3.5	1.1	1.3	1.5	1.7	1.9	1.43

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 26.5/19.5 & 35 C

GROSS CAPACITY :	3.5	KW
AIRFLOW :	680	CMH
SYSTEM POWER :	1394	WATTS
NOM. SYSTEM AMPS :	7.2	AMPS

TTK512P100A WITH MCX512E1 AT 680 CMH
GROSS CAPACITY IN KILOWATTS

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP.AT ENTERING D.B. TEMP. 22.5	23.5	24.5	25.5	26.5	COMPR. KW
	16	3.3	2.7	3.0	3.2	3.4	3.5	0.99
30	18	3.6	2.3	2.5	2.7	3.0	3.2	1.03
	19.5	3.7	2.0	2.2	2.5	2.7	2.9	1.05
	22	4.0	1.5	1.7	2.0	2.2	2.4	1.09
	16	3.2	2.7	2.9	3.1	3.3	3.5	1.07
35	18	3.5	2.2	2.4	2.7	2.9	3.1	1.12
	19.5	3.6	2.0	2.2	2.4	2.7	2.9	1.14
	22	3.9	1.5	1.7	1.9	2.1	2.4	1.18
	16	3.1	2.6	2.8	3.0	3.2	3.4	1.17
40	18	3.3	2.1	2.3	2.6	2.8	3.0	1.22
	19.5	3.5	1.9	2.1	2.3	2.6	2.8	1.24
	22	3.7	1.6	1.6	1.8	2.1	2.3	1.29
	16	3.0	2.5	2.7	2.9	3.1	3.3	1.27
45	18	3.2	2.0	2.3	2.5	2.7	3.0	1.32
	19.5	3.3	1.8	2.0	2.2	2.5	2.7	1.34
	22	3.6	1.3	1.5	1.8	2.0	2.2	1.39

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 26.5/19.5 & 35 F

GROSS CAPACITY :	3.6	KW
AIRFLOW :	680	CMH
SYSTEM POWER :	1370	WATTS
NOM. SYSTEM AMPS :	6.3	AMPS

Performance Data Cooling English Units

TTK518L100C WITH MCX518E1 AT 475 CFM
GROSS CAPACITY IN BTU/H x 1000

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW
85	61	16.9	12.5	13.6	14.7	15.7	16.3	1.67
	65	18.3	10.4	11.5	12.5	13.6	14.6	1.74
	67	19.0	9.3	10.3	11.4	12.4	13.5	1.77
	71	20.4	6.9	8.0	9.0	10.2	11.2	1.85
95	61	16.4	12.4	13.4	14.5	15.4	16.3	1.81
	65	17.7	10.2	11.2	12.3	13.4	14.4	1.89
	67	18.4	9.0	10.1	11.2	12.2	13.3	1.93
	71	19.8	6.7	7.8	8.9	9.9	11.0	2.00
105	61	15.8	11.9	13.0	14.0	14.8	15.7	1.98
	65	17.0	9.8	10.8	11.9	12.9	14.0	2.05
	67	17.7	8.6	9.7	10.8	11.8	12.9	2.09
	71	19.0	7.4	7.4	8.5	9.5	10.6	2.17
115	61	15.1	11.6	12.6	13.5	14.4	15.2	2.14
	65	16.3	9.4	10.5	11.5	12.6	13.6	2.22
	67	16.9	8.3	9.4	10.4	11.5	12.5	2.26
	71	18.2	6.0	7.0	8.1	9.2	10.2	2.34

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 80/67 & 95 F

GROSS CAPACITY :	18.4	MBH
AIRFLOW :	475	CFM
SYSTEM POWER :	2152	WATTS
NOM. SYSTEM AMPS :	9.9	AMPS

TTK524L100C WITH MCX524E1 AT 675 CFM
GROSS CAPACITY IN BTU/H x 1000

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW
85	61	22.3	16.3	17.8	19.1	20.4	21.2	2.22
	65	24.1	13.5	14.9	16.3	17.7	19.1	2.31
	67	25.1	12.0	13.4	14.8	16.2	17.6	2.35
	71	26.9	9.0	10.4	11.8	13.2	14.6	2.45
95	61	21.7	16.1	17.4	18.8	20.0	21.2	2.41
	65	23.4	13.2	14.6	16.0	17.4	18.8	2.51
	67	24.3	11.7	13.1	14.5	15.9	17.3	2.56
	71	26.1	8.8	10.1	11.5	12.9	14.3	2.66
105	61	20.8	15.5	16.9	18.2	19.3	20.4	2.63
	65	22.5	12.7	14.1	15.5	16.8	18.2	2.73
	67	23.4	11.2	12.6	14.0	15.3	16.7	2.78
	71	25.1	9.6	9.6	11.0	12.4	13.8	2.89
115	61	19.9	15.1	16.4	17.6	18.8	19.7	2.84
	65	21.5	12.2	13.6	15.0	16.4	17.7	2.95
	67	22.4	10.7	12.2	13.5	14.9	16.3	3.00
	71	24.0	7.8	9.2	10.5	11.9	13.3	3.11

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 80/67 & 95 F

GROSS CAPACITY :	24.3	MBH
AIRFLOW :	675	CFM
SYSTEM POWER :	2823	WATTS
NOM. SYSTEM AMPS :	12.5	AMPS

Performance Data Cooling

Metric Units

TTK518L100C WITH MCX518E1 AT 808 CMH
GROSS CAPACITY IN KILOWATTS

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP.AT ENTERING D.B. TEMP. 22.5	23.5	24.5	25.5	26.5	COMPR. KW
	16	5.0	3.7	4.0	4.3	4.6	4.8	1.67
30	18	5.4	3.0	3.4	3.7	4.0	4.3	1.74
	19.5	5.6	2.7	3.0	3.3	3.6	4.0	1.77
	22	6.0	2.0	2.3	2.6	3.0	3.3	1.85
	16	4.8	3.6	3.9	4.2	4.5	4.8	1.81
35	18	5.2	3.0	3.3	3.6	3.9	4.2	1.89
	19.5	5.4	2.6	3.0	3.3	3.6	3.9	1.93
	22	5.8	2.0	2.3	2.6	2.9	3.2	2.00
	16	4.6	3.5	3.8	4.1	4.3	4.6	1.98
40	18	5.0	2.9	3.2	3.5	3.8	4.1	2.05
	19.5	5.2	2.5	2.8	3.1	3.5	3.8	2.09
	22	5.6	2.2	2.2	2.5	2.8	3.1	2.17
	16	4.4	3.4	3.7	4.0	4.2	4.4	2.14
45	18	4.8	2.8	3.1	3.4	3.7	4.0	2.22
	19.5	5.0	2.4	2.7	3.0	3.4	3.7	2.26
	22	5.3	1.8	2.1	2.4	2.7	3.0	2.34

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 26.5/19.5 & 35 C

GROSS CAPACITY :	5.4	KW
AIRFLOW :	808	CMH
SYSTEM POWER :	2152	WATTS
NOM. SYSTEM AMPS :	9.9	AMPS

TTK524L100C WITH MCX524E1 AT 1148 CMH
GROSS CAPACITY IN KILOWATTS

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. 22.5	CAP.AT 23.5	ENTERING 24.5	D.B. 25.5	TEMP. 26.5	COMPR. KW
	16	6.5	4.8	5.2	5.6	6.0	6.2	2.22
30	18	7.1	4.0	4.4	4.8	5.2	5.6	2.31
	19.5	7.3	3.5	3.9	4.3	4.7	5.2	2.35
	22	7.9	2.6	3.1	3.4	3.9	4.3	2.45
	16	6.4	4.7	5.1	5.5	5.9	6.2	2.41
35	18	6.9	3.9	4.3	4.7	5.1	5.5	2.51
	19.5	7.1	3.4	3.9	4.3	4.7	5.1	2.56
	22	7.7	2.6	3.0	3.4	3.8	4.2	2.66
	16	6.1	4.5	4.9	5.3	5.7	6.0	2.63
40	18	6.6	3.7	4.1	4.5	4.9	5.3	2.73
	19.5	6.9	3.3	3.7	4.1	4.5	4.9	2.78
	22	7.3	2.8	2.8	3.2	3.6	4.0	2.89
	16	5.8	4.4	4.8	5.2	5.5	5.8	2.84
45	18	6.3	3.6	4.0	4.4	4.8	5.2	2.95
	19.5	6.6	3.1	3.6	4.0	4.4	4.8	3.00
	22	7.0	2.3	2.7	3.1	3.5	3.9	3.11

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 26.5/19.5 & 35 C

GROSS CAPACITY :	7.1	KW
AIRFLOW :	1148	CMH
SYSTEM POWER :	2823	WATTS
NOM. SYSTEM AMPS :	12.5	AMPS

Performance Data Cooling English Units

TTK530K100C WITH MCX536E1 AT 915 CFM
GROSS CAPACITY IN BTU/H x 1000

OUTDOOR D.B.	I.D. W.B.	GROSS CAP	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW
85	61	28.3	20.9	22.8	24.5	26.2	27.2	2.87
	65	30.6	17.3	19.1	20.9	22.7	24.5	2.99
	67	31.8	15.4	17.2	19.0	20.8	22.6	3.05
	71	34.1	11.5	13.4	15.1	17.0	18.7	3.17
95	61	27.5	20.7	22.4	24.2	25.7	27.2	3.12
	65	29.7	17.0	18.7	20.6	22.3	24.1	3.24
	67	30.8	15.1	16.9	18.6	20.4	22.2	3.31
	71	33.1	11.2	13.0	14.8	16.5	18.4	3.44
105	61	26.4	19.9	21.6	23.3	24.8	26.2	3.40
	65	28.5	16.3	18.0	19.9	21.6	23.4	3.53
	67	29.7	14.4	16.1	17.9	19.7	21.5	3.59
	71	31.8	12.3	12.4	14.1	15.9	17.7	3.74
115	61	25.3	19.3	21.0	22.6	24.1	25.3	3.68
	65	27.3	15.7	17.5	19.2	21.0	22.7	3.82
	67	28.3	13.8	15.7	17.3	19.1	20.9	3.88
	71	30.5	10.0	11.8	13.5	15.3	17.1	4.02

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 80/67 & 95 F

GROSS CAPACITY :	30.8	MBH
AIRFLOW :	915	CFM
SYSTEM POWER :	3755	WATTS
NOM. SYSTEM AMPS :	16.0	AMPS

TTK536K100C WITH MCX536E1 AT 915 CFM
GROSS CAPACITY IN BTU/H x 1000

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW
85	61	33.2	23.8	25.9	27.8	29.7	30.9	3.20
	65	35.8	19.7	21.7	23.7	25.8	27.8	3.33
	67	37.2	17.5	19.6	21.6	23.6	25.6	3.39
	71	40.0	13.1	15.2	17.1	19.2	21.2	3.53
95	61	32.3	23.4	25.4	27.5	29.1	30.8	3.47
	65	34.8	19.3	21.3	23.3	25.3	27.4	3.61
	67	36.1	17.1	19.2	21.2	23.2	25.2	3.68
	71	38.8	12.8	14.7	16.8	18.8	20.9	3.83
105	61	30.9	22.6	24.6	26.5	28.1	29.7	3.78
	65	33.4	18.5	20.5	22.5	24.5	26.5	3.93
	67	34.8	16.4	18.3	20.4	22.3	24.4	4.00
	71	37.2	14.0	14.1	16.0	18.1	20.1	4.16
115	61	29.6	21.9	23.9	25.7	27.3	28.7	4.09
	65	32.0	17.8	19.9	21.8	23.9	25.8	4.25
	67	33.2	15.7	17.8	19.7	21.7	23.7	4.33
	71	35.7	11.4	13.4	15.3	17.4	19.4	4.48

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 80/67 & 95 F

GROSS CAPACITY :	36.1	MBH
AIRFLOW :	915	CFM
SYSTEM POWER :	4130	WATTS
NOM. SYSTEM AMPS :	18.8	AMPS

Performance Data Cooling Metric Units

TTK530K100C WITH MCX536E1 AT 1556 CMH
GROSS CAPACITY IN KILOWATTS

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP.AT ENTERING D.B. TEMP. 22.5	23.5	24.5	25.5	26.5	COMPR. KW
	16	8.3	6.1	6.7	7.2	7.7	8.0	2.87
30	18	9.0	5.1	5.6	6.1	6.7	7.2	2.99
	19.5	9.3	4.5	5.0	5.6	6.1	6.6	3.05
	22	10.0	3.4	3.9	4.4	5.0	5.5	3.17
	16	8.1	6.1	6.6	7.1	7.5	8.0	3.12
35	18	8.7	5.0	5.5	6.0	6.5	7.1	3.24
	19.5	9.0	4.4	4.9	5.5	6.0	6.5	3.31
	22	9.7	3.3	3.8	4.3	4.8	5.4	3.44
	16	7.7	5.8	6.3	6.8	7.3	7.7	3.40
40	18	8.4	4.8	5.3	5.8	6.3	6.9	3.53
	19.5	8.7	4.2	4.7	5.3	5.8	6.3	3.59
	22	9.3	3.6	3.6	4.1	4.7	5.2	3.74
	16	7.4	5.7	6.2	6.6	7.1	7.4	3.68
45	18	8.0	4.6	5.1	5.6	6.2	6.7	3.82
	19.5	8.3	4.0	4.6	5.1	5.6	6.1	3.88
	22	8.9	2.9	3.4	4.0	4.5	5.0	4.02

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 26.5/19.5 & 35 C

GROSS CAPACITY :	9.0	KW
AIRFLOW :	1556	CMH
SYSTEM POWER :	3755	WATTS
NOM. SYSTEM AMPS :	16.0	AMPS

TTK536K100C WITH MCX536E1 AT 1556 CMH
GROSS CAPACITY IN KILOWATTS

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP.AT ENTERING D.B. TEMP. 22.5	23.5	24.5	25.5	26.5	COMPR. KW
	16	9.7	7.0	7.6	8.1	8.7	9.0	3.20
30	18	10.5	5.8	6.4	7.0	7.6	8.1	3.33
	19.5	10.9	5.1	5.7	6.3	6.9	7.5	3.39
	22	11.7	3.8	4.4	5.0	5.6	6.2	3.53
	16	9.5	6.9	7.4	8.0	8.5	9.0	3.47
35	18	10.2	5.7	6.2	6.8	7.4	8.0	3.61
	19.5	10.6	5.0	5.6	6.2	6.8	7.4	3.68
	22	11.4	3.7	4.3	4.9	5.5	6.1	3.83
	16	9.1	6.6	7.2	7.8	8.2	8.7	3.78
40	18	9.8	5.4	6.0	6.6	7.2	7.8	3.93
	19.5	10.2	4.8	5.4	6.0	6.5	7.1	4.00
	22	10.9	4.1	4.1	4.7	5.3	5.9	4.16
	16	8.7	6.4	7.0	7.5	8.0	8.4	4.09
45	18	9.4	5.2	5.8	6.4	7.0	7.6	4.25
	19.5	9.7	4.6	5.2	5.8	6.4	6.9	4.33
	22	10.5	3.3	3.9	4.5	5.1	5.7	4.48

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 26.5/19.5 & 35 C

GROSS CAPACITY :	10.6	KW
AIRFLOW :	1556	CMH
SYSTEM POWER :	4130	WATTS
NOM. SYSTEM AMPS :	18.8	AMPS

Performance Data Cooling English Units

TTK536K400C WITH MCX536E1
AT 915 CFM
GROSS CAPACITY IN BTU/H x 1000

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW
85	61	33.2	23.8	25.9	27.8	29.7	30.9	3.19
	65	35.8	19.7	21.7	23.7	25.8	27.8	3.32
	67	37.2	17.5	19.6	21.6	23.6	25.6	3.38
	71	40.0	13.1	15.2	17.1	19.2	21.2	3.52
95	61	32.3	23.4	25.4	27.5	29.1	30.8	3.46
	65	34.8	19.3	21.3	23.3	25.3	27.4	3.60
	67	36.1	17.1	19.2	21.2	23.2	25.2	3.67
	71	38.8	12.8	14.7	16.8	18.8	20.9	3.82
105	61	30.9	22.6	24.6	26.5	28.1	29.7	3.77
	65	33.4	18.5	20.5	22.5	24.5	26.5	3.92
	67	34.8	16.4	18.3	20.4	22.3	24.4	3.99
	71	37.2	14.0	14.1	16.0	18.1	20.1	4.15
115	61	29.6	21.9	23.9	25.7	27.3	28.7	4.08
	65	32.0	17.8	19.9	21.8	23.9	25.8	4.24
	67	33.2	15.7	17.8	19.7	21.7	23.7	4.31
	71	35.7	11.4	13.4	15.3	17.4	19.4	4.47

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 80/67 & 95 F

GROSS CAPACITY :	36.1	MBH
AIRFLOW :	915	CFM
SYSTEM POWER :	4120	WATTS
NOM. SYSTEM AMPS :	7.4	AMPS

Performance Data Cooling

Metric Units

TTK536K400C WITH MCX536E1 AT 1556 CMH
GROSS CAPACITY IN KILOWATTS

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 22.5	23.5	24.5	25.5	26.5	COMPR. KW
	16	9.7	7.0	7.6	8.1	8.7	9.0	3.19
30	18	10.5	5.8	6.4	7.0	7.6	8.1	3.32
	19.5	10.9	5.1	5.7	6.3	6.9	7.5	3.38
	22	11.7	3.8	4.4	5.0	5.6	6.2	3.52
	16	9.5	6.9	7.4	8.0	8.5	9.0	3.46
35	18	10.2	5.7	6.2	6.8	7.4	8.0	3.60
	19.5	10.6	5.0	5.6	6.2	6.8	7.4	3.67
	22	11.4	3.7	4.3	4.9	5.5	6.1	3.82
	16	9.1	6.6	7.2	7.8	8.2	8.7	3.77
40	18	9.8	5.4	6.0	6.6	7.2	7.8	3.92
	19.5	10.2	4.8	5.4	6.0	6.5	7.1	3.99
	22	10.9	4.1	4.1	4.7	5.3	5.9	4.15
	16	8.7	6.4	7.0	7.5	8.0	8.4	4.08
45	18	9.4	5.2	5.8	6.4	7.0	7.6	4.24
	19.5	9.7	4.6	5.2	5.8	6.4	6.9	4.31
	22	10.5	3.3	3.9	4.5	5.1	5.7	4.47

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 26.5/19.5 & 35 C

GROSS CAPACITY :	10.6	KW
AIRFLOW :	1556	CMH
SYSTEM POWER :	4120	WATTS
NOM. SYSTEM AMPS :	7.4	AMPS

Performance Data Cooling English Units

TTK042K400A WITH MCX042E1OWA
AT 1200 CFM
GROSS CAPACITY IN BTU/H x 1000

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW
85	61	39.9	26.5	28.8	31.0	33.1	34.4	3.91
	65	43.1	21.9	24.2	26.5	28.8	30.9	4.08
	67	44.7	19.5	21.8	24.1	26.3	28.6	4.15
	71	48.1	14.6	16.9	19.1	21.5	23.7	4.33
95	61	38.8	26.1	28.3	30.6	32.5	34.4	4.25
	65	41.8	21.5	23.7	26.0	28.2	30.5	4.42
	67	43.4	19.1	21.4	23.6	25.9	28.1	4.51
	71	46.7	14.2	16.4	18.7	20.9	23.3	4.69
105	61	37.2	25.1	27.4	29.5	31.3	33.1	4.63
	65	40.2	20.6	22.8	25.1	27.3	29.6	4.81
	67	41.8	18.3	20.4	22.7	24.9	27.2	4.90
	71	44.8	15.6	15.7	17.9	20.2	22.4	5.09
115	61	35.6	24.4	26.6	28.6	30.5	32.0	5.01
	65	38.5	19.9	22.1	24.3	26.6	28.8	5.20
	67	39.9	17.5	19.8	21.9	24.2	26.4	5.29
	71	42.9	12.7	14.9	17.1	19.4	21.6	5.48

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 80/67 & 95 F

GROSS CAPACITY :	43.4	MBH
AIRFLOW :	1200	CFM
SYSTEM POWER :	4975	WATTS
NOM. SYSTEM AMPS :	9.6	AMPS

Performance Data Cooling Metric Units

TTK042K4OOA WITH MCX042E1OWA
AT 2040 CFM
GROSS CAPACITY IN KILOWATTS

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 22.5	23.5	24.5	25.5	26.5	COMPR. KW
30	16	11.7	7.8	8.4	9.1	9.7	10.1	3.91
	18	12.6	6.4	7.1	7.8	8.4	9.1	4.08
	19.5	13.1	5.7	6.4	7.1	7.7	8.4	4.15
	22	14.1	4.3	5.0	5.6	6.3	6.9	4.33
35	16	11.4	7.7	8.3	9.0	9.5	10.1	4.25
	18	12.3	6.3	6.9	7.6	8.3	8.9	4.42
	19.5	12.7	5.6	6.3	6.9	7.6	8.2	4.51
	22	13.7	4.2	4.8	5.5	6.1	6.8	4.69
40	16	10.9	7.4	8.0	8.6	9.2	9.7	4.63
	18	11.8	6.0	6.7	7.4	8.0	8.7	4.81
	19.5	12.2	5.3	6.0	6.7	7.3	8.0	4.90
	22	13.1	4.6	4.6	5.2	5.9	6.6	5.09
45	16	10.4	7.2	7.8	8.4	8.9	9.4	5.01
	18	11.3	5.8	6.5	7.1	7.8	8.4	5.20
	19.5	11.7	5.1	5.8	6.4	7.1	7.7	5.29
	22	12.6*	3.7	4.4	5.0	5.7	6.3	5.48

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 26.5/19.5 & 35 C

GROSS CAPACITY :	12.7	KW
AIRFLOW :	2040	CMH
SYSTEM POWER :	4975	WATTS
NOM. SYSTEM AMPS :	9.6	AMPS

Performance Data Cooling English Units

TTK048K4OOD WITH MCX048E1OWA
AT 1200 CFM
GROSS CAPACITY IN BTU/H x 1000

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW
85	61	44.4	28.2	30.7	33.0	35.3	36.6	4.54
	65	48.0	23.3	25.8	28.2	30.6	32.9	4.73
	67	49.8	20.8	23.2	25.6	28.0	30.4	4.82
	71	53.5	15.5	18.0	20.3	22.8	25.2	5.02
95	61	43.2	27.8	30.1	32.6	34.6	36.6	4.93
	65	46.6	22.9	25.2	27.7	30.0	32.5	5.13
	67	48.3	20.3	22.7	25.1	27.5	29.9	5.23
	71	51.9	15.1	17.5	19.9	22.3	24.8	5.43
105	61	41.4	26.8	29.2	31.4	33.3	35.3	5.37
	65	44.7	21.9	24.3	26.7	29.1	31.5	5.58
	67	46.5	19.4	21.7	24.2	26.5	28.9	5.68
	71	49.8	16.6	16.7	19.0	21.5	23.8	5.90
115	61	39.6	26.0	28.3	30.4	32.4	34.1	5.81
	65	42.8	21.1	23.6	25.9	28.3	30.6	6.04
	67	44.4	18.6	21.1	23.3	25.8	28.1	6.14
	71	47.8	13.5	15.8	18.2	20.6	23.0	6.36

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 80/67 & 95 F

GROSS CAPACITY :	48.3	MBH
AIRFLOW :	1200	CFM
SYSTEM POWER :	5780	WATTS
NOM. SYSTEM AMPS :	9.9	AMPS

Performance Data Cooling

Metric Units

TTK048K4OOD WITH MCX048E1OWA
AT 2040 CFM
GROSS CAPACITY IN KILOWATTS

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 22.5	23.5	24.5	25.5	26.5	COMPR. KW
	16	13.0	8.3	9.0	9.7	10.3	10.7	4.54
30	18	14.1	6.8	7.6	8.2	9.0	9.6	4.73
	19.5	14.6	6.1	6.8	7.5	8.2	8.9	4.82
	22	15.7	4.6	5.3	6.0	6.7	7.4	5.02
	16	12.7	8.1	8.8	9.5	10.1	10.7	4.93
35	18	13.6	6.7	7.4	8.1	8.8	9.5	5.13
	19.5	14.2	5.9	6.7	7.4	8.1	8.8	5.23
	22	15.2	4.4	5.1	5.8	6.5	7.3	5.43
	16	12.1	7.8	8.5	9.2	9.8	10.3	5.37
40	18	13.1	6.4	7.1	7.8	8.5	9.2	5.58
	19.5	13.6	5.7	6.4	7.1	7.8	8.5	5.68
	22	14.6	4.9	4.9	5.6	6.3	7.0	5.90
	16	11.6	7.6	8.3	8.9	9.5	10.0	5.81
45	18	12.5	6.2	6.9	7.6	8.3	9.0	6.04
	19.5	13.0	5.4	6.2	6.8	7.6	8.2	6.14
	22	14.0	4.0	4.6	5.3	6.0	6.7	6.36

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 26.5/19.5 & 35 C

GROSS CAPACITY :	14.2	KW
AIRFLOW :	2040	CMH
SYSTEM POWER :	5780	WATTS
NOM. SYSTEM AMPS :	9.9	AMPS

Performance Data Cooling English Units

TTK060K4OOD WITH MCX060E1OWA
AT 1315 CFM
GROSS CAPACITY IN BTU/H x 1000

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW
	61	52.1	32.7	35.6	38.3	40.9	42.5	5.29
85	65	56.3	27.1	29.9	32.7	35.5	38.2	5.51
	67	58.5	24.1	26.9	29.7	32.5	35.3	5.62
	71	62.8	18.0	20.9	23.6	26.5	29.2	5.85
	61	50.7	32.3	35.0	37.8	40.1	42.5	5.75
95	65	54.7	26.6	29.3	32.1	34.9	37.7	5.98
	67	56.7	23.5	26.4	29.1	31.9	34.7	6.10
	71	61.0	17.6	20.3	23.1	25.8	28.8	6.34
	61	48.6	31.1	33.8	36.5	38.7	40.9	6.26
105	65	52.5	25.5	28.2	31.0	33.7	36.5	6.50
	67	54.6	22.5	25.2	28.0	30.8	33.6	6.62
	71	58.5	19.3	19.4	22.1	24.9	27.6	6.89
	61	46.5	30.2	32.9	35.3	37.6	39.6	6.78
115	65	50.2	24.5	27.3	30.0	32.9	35.6	7.04
	67	52.2	21.6	24.5	27.1	29.9	32.6	7.16
	71	56.1	15.7	18.4	21.1	23.9	26.7	7.42

*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 80/67 & 95 F

GROSS CAPACITY :	56.7	MBH
AIRFLOW :	1350	CFM
SYSTEM POWER :	6670	WATTS
NOM. SYSTEM AMPS :	11.3	AMPS

Performance Data Cooling Metric Units

TTK060K4OOD WITH MCX060E1OWA AT 2295 CFM GROSS CAPACITY IN KILOWATTS

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 22.5	23.5	24.5	25.5	26.5	COMPR. KW
	16	15.3	9.6	10.4	11.2	12.0	12.4	5.29
30	18	16.5	7.9	8.8	9.6	10.4	11.2	5.51
	19.5	17.1	7.1	7.9	8.7	9.5	10.3	5.62
	22	18.4	5.3	6.1	6.9	7.8	8.6	5.85
	16	14.9	9.5	10.2	11.1	11.8	12.4	5.75
35	18	16.0	7.8	8.6	9.4	10.2	11.0	5.98
	19.5	16.6	6.9	7.7	8.5	9.4	10.2	6.10
	22	17.9	5.1	5.9	6.8	7.6	8.4	6.34
	16	14.2	9.1	9.9	10.7	11.3	12.0	6.26
40	18	15.4	7.5	8.3	9.1	9.9	10.7	6.50
	19.5	16.0	6.6	7.4	8.2	9.0	9.8	6.62
	22	17.1	5.6	5.7	6.5	7.3	8.1	6.89
	16	13.6	8.8	9.6	10.4	11.0	11.6	6.78
45	18	14.7	7.2	8.0	8.8	9.6	10.4	7.04
	19.5	15.3	6.3	7.2	7.9	8.8	9.5	7.16
	22	16.4	4.6	5.4	6.2	7.0	7.8	7.42

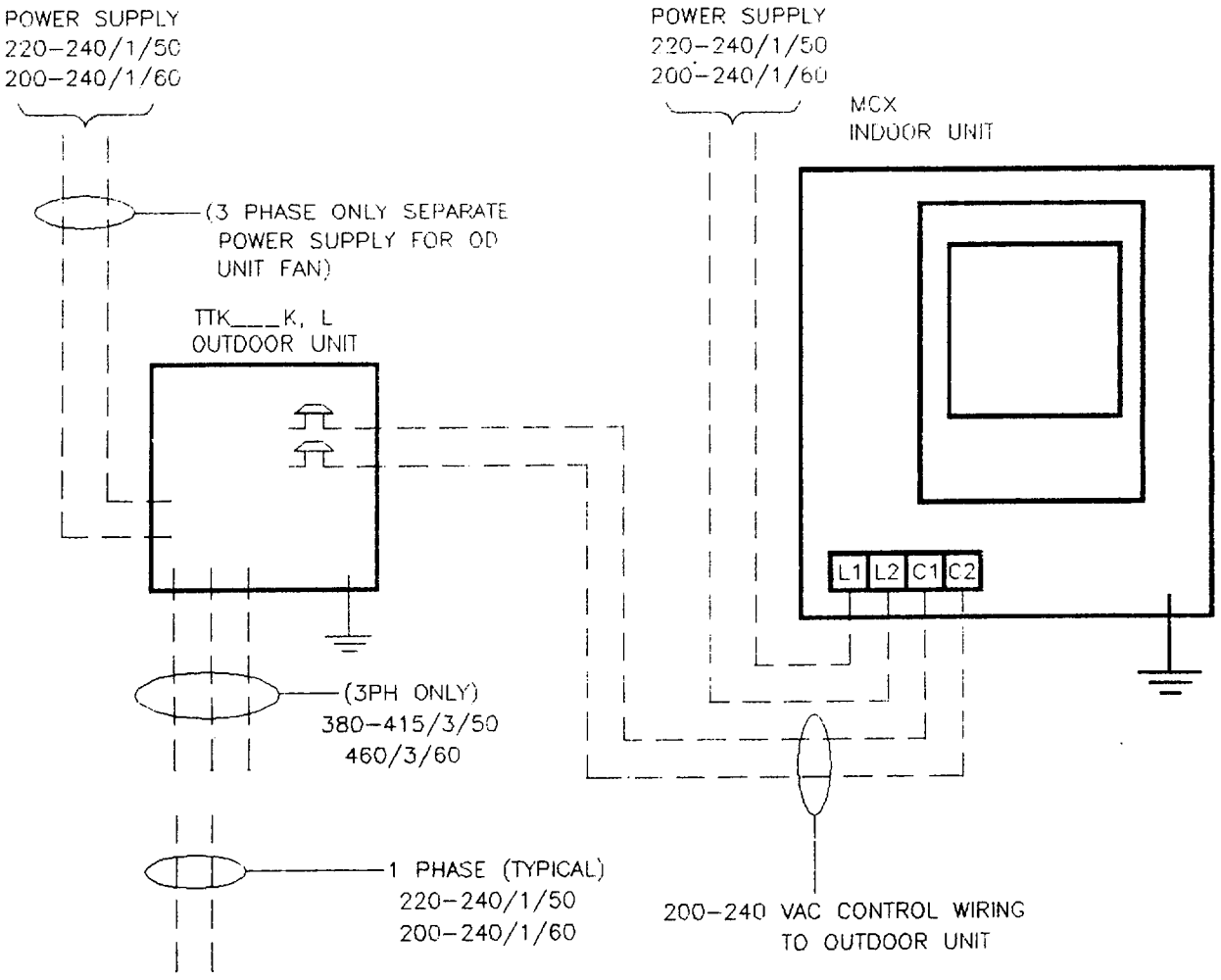
*Dry coil condition (Gross Capacity = Sensible Capacity)
Gross Capacity and Comp. KW are valid only for Wet Coil

Performance at the Rating Conditions of 26.5/19.5 & 35 C

GROSS CAPACITY :	16.6	KW
AIRFLOW :	2295	CMH
SYSTEM POWER :	6670	WATTS
NOM. SYSTEM AMPS :	11.3	AMPS

System Wiring Diagram

Typical Interconnecting Wiring FOR TTK-K/L...OUTDOOR UNITS WITH MCX INDOOR UNITS EQUIPPED WITH FACTORY WIRED REMOTE CONTROLLER.



POWER SUPPLY

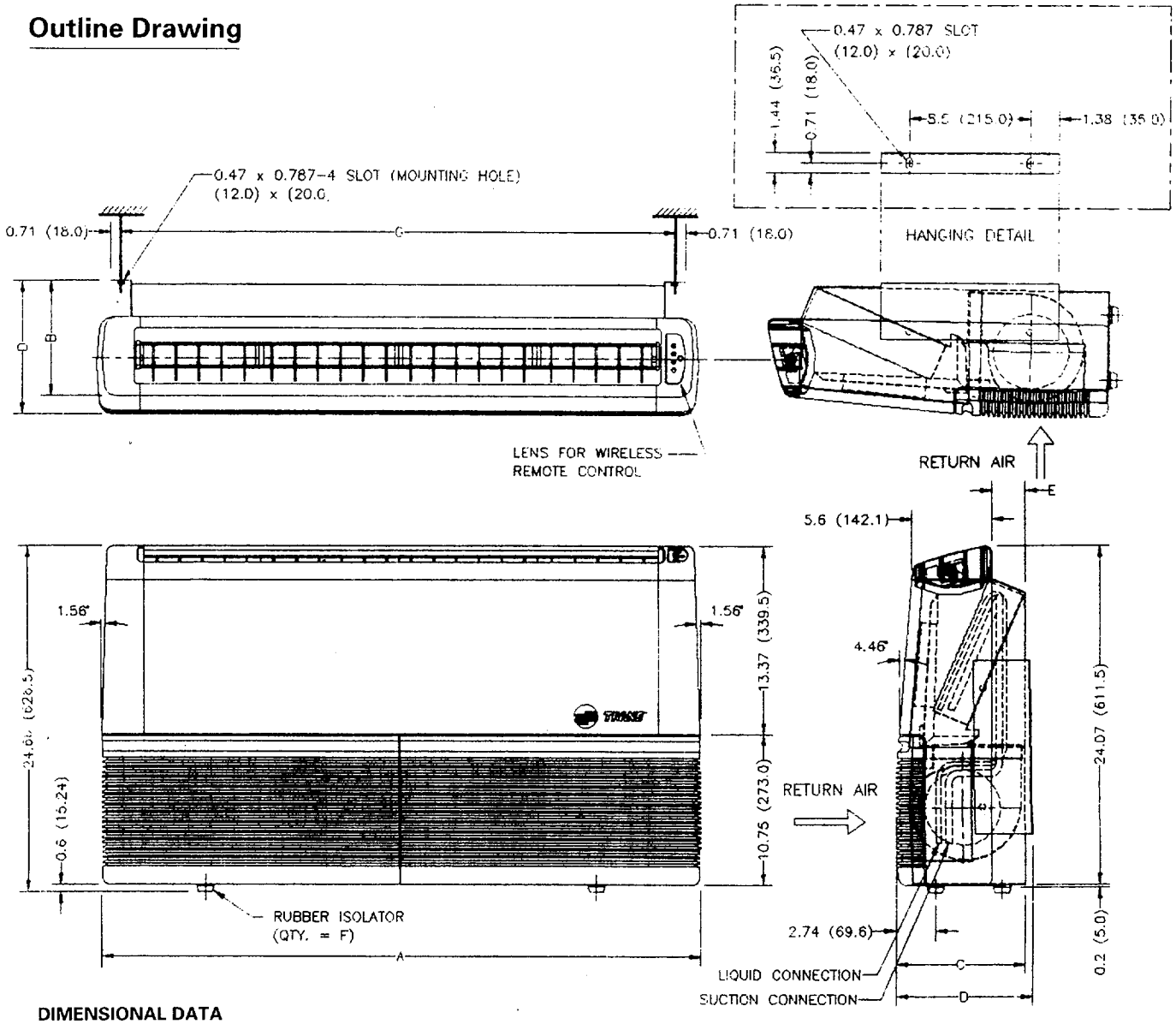
1. POWER WIRING AND GROUNDING OF EQUIPMENT MUST COMPLY WITH LOCAL CODES.
2. INSURE THAT POWER SUPPLY AGREES WITH EQUIPMENT NAMEPLATE.
3. USE COPPER CONDUCTOR ONLY.

Dimensional Data

MCX512-536EB/E1

(ALL Dimensions Are In Inches)

Outline Drawing



DIMENSIONAL DATA

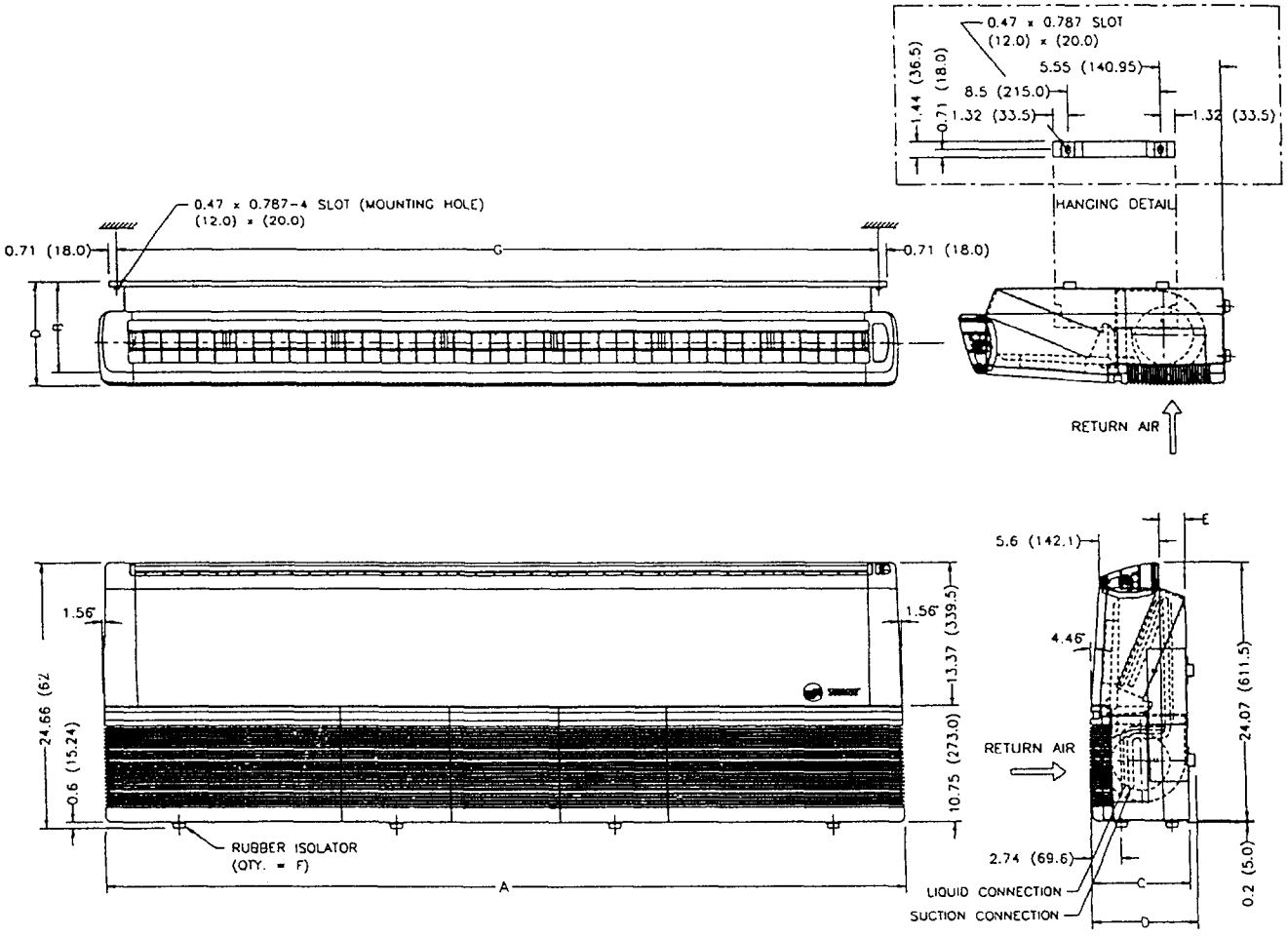
MODEL	CONN. SIZES		A		B		C		D		E		F	G	
	LIQUID	SUCTION	IN.	(MM.)	IN.	(MM.)	IN.	(MM.)	IN.	(MM.)	IN.	(MM.)	EACH	IN.	(MM.)
MCX512,518EB/E1	1/4 (6)	1/2 (13)	42.7	(1085.25)	8.2	(208.0)	9.0	(228.68)	9.6	(242.79)	2.3	(59.0)	4	39.3	(999.0)
MCX524EB/E1	3/8 (10)	5/8 (16)	52.6	(1335.25)	9.2	(233.0)	10.0	(253.68)	10.5	(267.79)	3.3	(84.0)	4	49.2	(1249.0)
MCX530EB/E1	3/8 (10)	5/8 (16)	62.4	(1585.25)	9.2	(233.0)	10.0	(253.68)	10.5	(267.79)	3.3	(84.0)	6	59.0	(1499.0)
MCX536EB/E1	3/8 (10)	3/4 (19)	62.4	(1585.25)	9.2	(233.0)	10.0	(253.68)	10.5	(267.79)	3.3	(84.0)	6	59.0	(1499.0)

NOTE 1) SUCTION AND LIQUID LINES HAVE FLARE TYPE CONNECTIONS.
2) DIMENSIONS : INCHES (MILIMETERS) ; 1 IN. = 25.4 MM.

Dimensional Data

MCX042-060 (50HZ.)
MCX042-060 (60HZ.)

Outline Dimensions



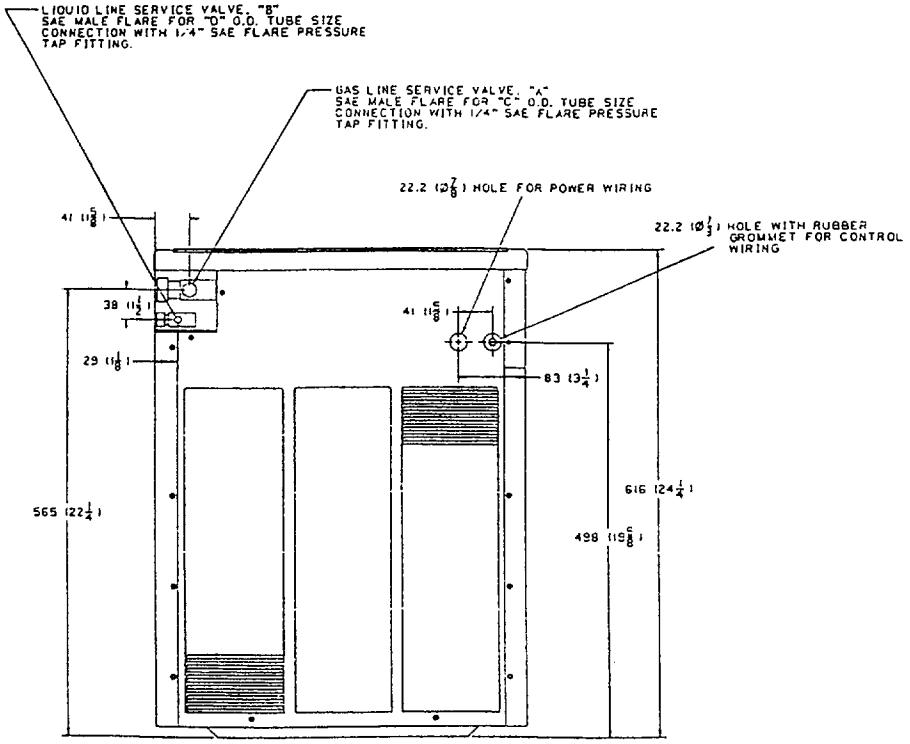
DIMENSIONAL DATA

MODEL	CONN. SIZES		A		B		C		D		E		F	G	
	LIQUID	SUCTION	IN.	(MM.)	IN.	(MM.)	IN.	(MM.)	IN.	(MM.)	IN.	(MM.)	EACH	IN.	(MM.)
MCX042/048	3/8 (10)	3/4 (19)	72.3	(1835.25)	9.2	(233.0)	10.0	(253.68)	10.5	(267.79)	3.3	(84.0	8	68.9	(1749.0)
MCX060	3/8 (10)	3/4 (19)	82.1	(2085.25)	9.2	(233.0)	10.0	(253.68)	10.5	(267.79)	3.3	(84.0)	8	78.7	(1999.0)

NOTE DIMENSIONS : INCHES (MILIMETERS) 1 IN ; = 25.4 MM.

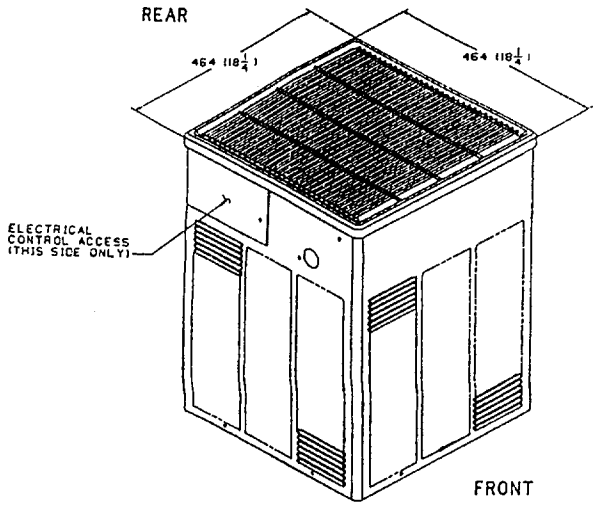
Dimensional Data

Outline-Cooling—TTB5 (60Hz) Models 12C1, 18C1, 24C1



REAR VIEW

25.40 MILLIMETERS = (1 INCH)



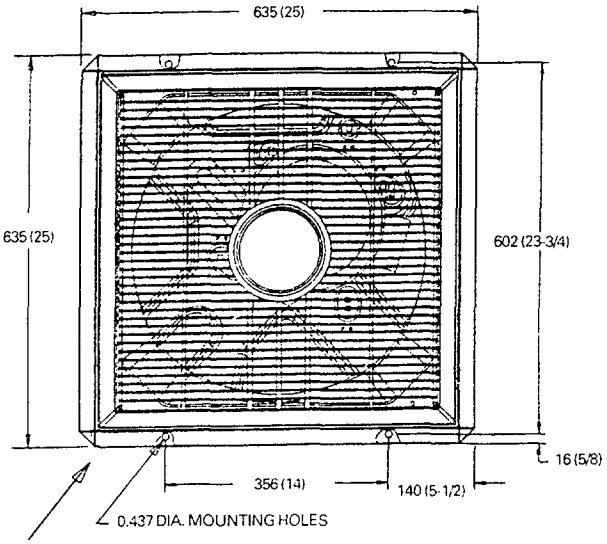
FLARE NUT TORQUE		
TAPPLIED TUBE SIZE	TORQUE FT-LBS (NEWTON-METERS)	
	MINIMUM	MAXIMUM
6.35 mm (1/4 IN.)	8 (11.0)	10 (14.01)
7.94 mm (5/16 IN)	10 (14.0)	15 (20.0)
9.52 mm. (3/8 IN.)	15 (20.0)	25 (34.0)
12.70 mm. (1/2 IN.)	25 (34.0)	35 (47.0)
15.88 mm. (5/8 IN.	40 (54.0)	55 (75.0))
19.05 mm (3/4 IN.)	50 (68.0)	60 (81.0)

BACK-UP HEX SIZE
7/8-14 = 22 (7/8)
7/16-20 = 11 (7/16)
1 1/16-14 = 27 (1 1/16)
1/2-20 = 13 (1/2)

PART NO.	A	B	C	D
P01	7/8 - 14UNF - 2A	7/16 - 20UNF - 2A	16 (5/8)	6 (1/4)
P02	1 1/16 - 14UNS - 2A	1/2 - 20UNF - 2A	19 (3/4)	8 (5/16)

Dimensional Data

Outline-Cooling—TTB5 (60Hz) Models 30C1, 36C1



DETAIL X

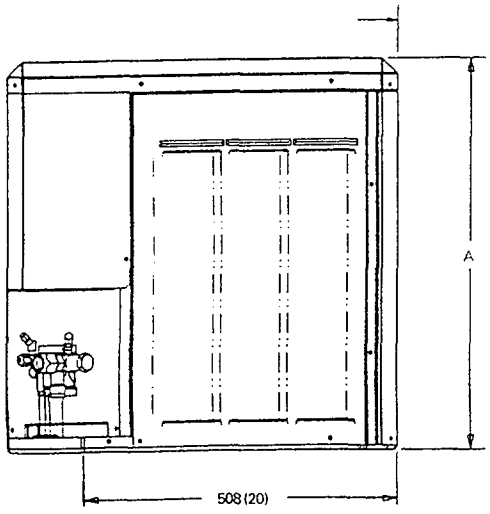
SERVICE PANEL
ELECTRICAL AND REFRIGERANT
COMPONENTS CLEARANCES
PER PREVAILING CODES

25.40 MILIMETERS = (1 INCH)

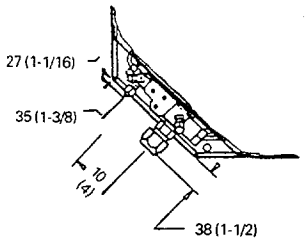
PT. NO	SIZE	A	B	C	D	E
P01	25A	648 (25-1/2)	1 1/16 14 UNS-2A	1/2 20UNF-A	19 (3/4)	8 (5/16)
P02	25C	826 (32-1/2)	1 1/16 14 UNS-2A	1/2 20UNF-2A	1/9 (3/4)	8 (5/16)

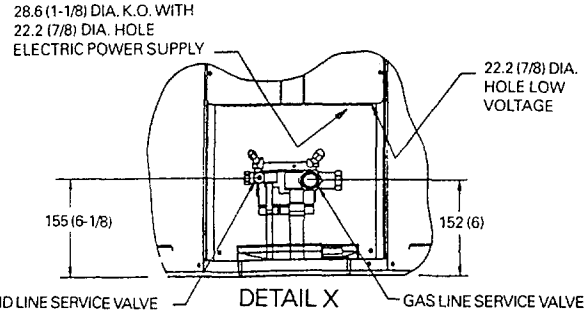
FLARE NUT TORQUE		
TAPPLIED TUBE SIZE	TORQUE FT-LBS (NEWTON-METERS) MINIMUM	MAXIMUM
6.35 mm (1/4 IN.)	8 (11.0)	10 (14.01)
7.94 mm (5/16 IN)	10 (14.0)	15 (20.0)
9.52 mm. (3/8 IN.)	15 (20.0)	25 (34.0)
12.70 mm. (1/2 IN.)	25 (34.0)	35 (47.0)
15.88 mm. (5/8 IN.	40 (54.0)	55 (75.0))
19.05 mm (3/4 IN.)	50 (68.0)	60 (81.0)

BACK - UP HEX SIZE
1 1/16-14 = 27 (1 1/16)
1/2-20 = 13 (1/2)



TOP DISCHARGE AREA SHOULD BE UNRESTRICTED FOR AT LEAST 1524 (5 FEET) ABOVE UNIT. UNIT SHOULD BE PLACED SO ROOF RUN-OFF WATER DOES NOT POUR DIRECTLY ON UNIT AND SHOULD BE AT LEAST 305 (12") FROM WALL AND ALL SURROUNDING SHRUBBERY ON TWO SIDES. OTHER TWO SIDES UNRESTRICTED.





"C" SAE MALE FLARE FOR "E" O.D. TUBE SIZE CONNECTION WITH 1/4" SAE FLARE PRESSURE TAP FITTING.

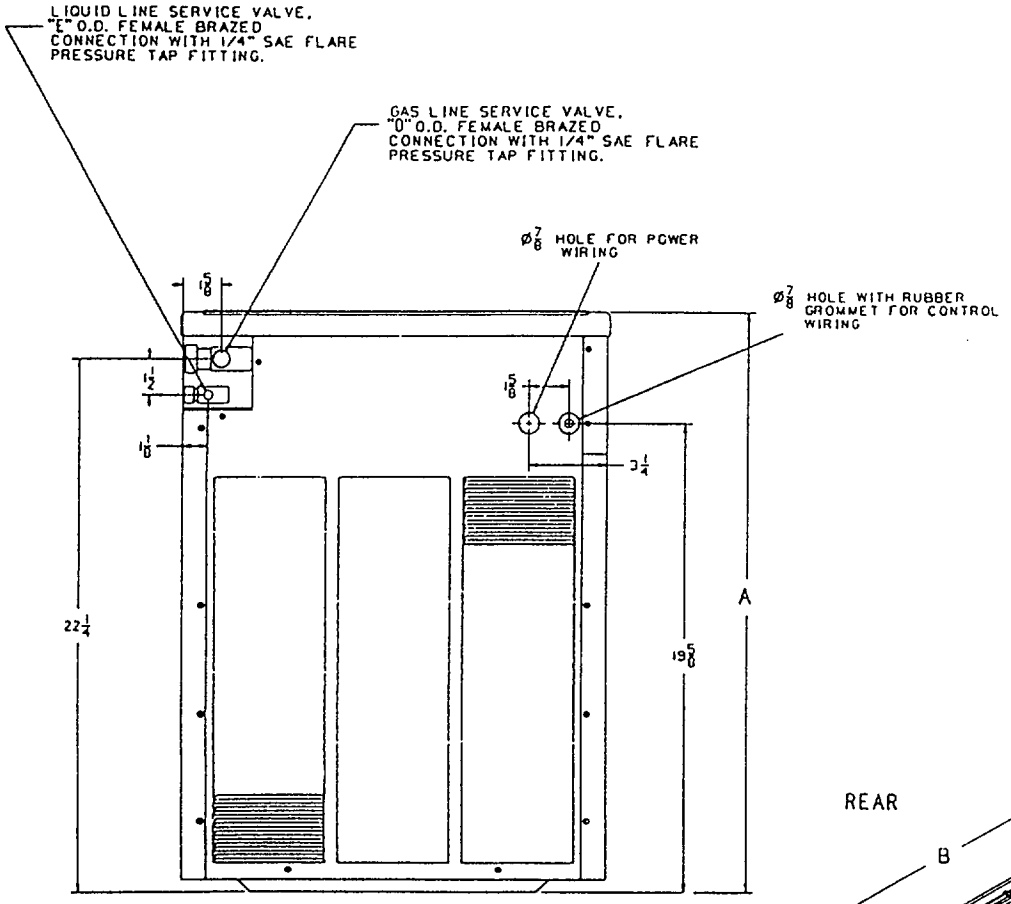
"B" SAE MALE FLARE FOR "D" O.D. TUBE SIZE CONNECTION WITH 1/4" SAE FLARE PRESSURE TAP FITTING.

Dimensional Data

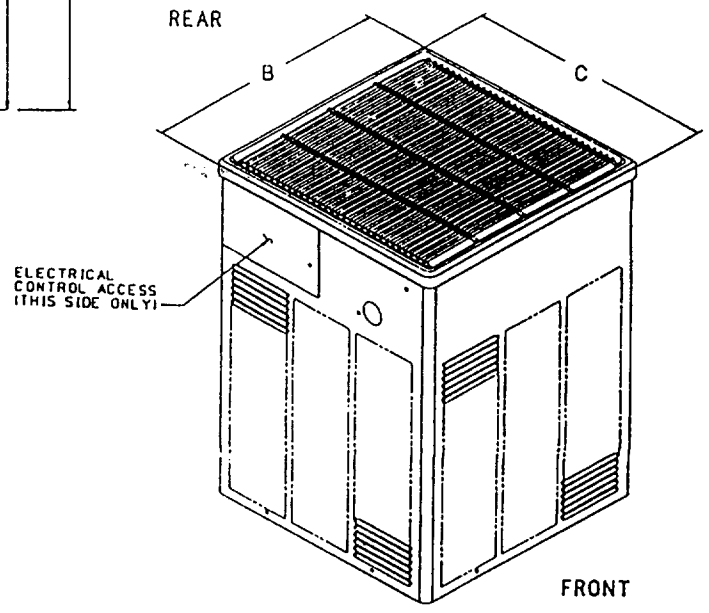
TTB012-024C

(ALL Dimensions Are In Inches)

Outline Drawing



REAR VIEW



MODEL	A	B	C	D	E
TTB012C-A	24 1/4	18 1/4	18 1/4	5/8	1/4
TTB018C-A	24 1/4	18 1/4	18 1/4	5/8	1/4
TTB024C-A	24 1/4	18 1/4	18 1/4	3/4	5/16

1 Inch = 25.4 mm

Dimensional Data

TTA030-036C

(ALL Dimensions Are In Inches)

Outline Drawing

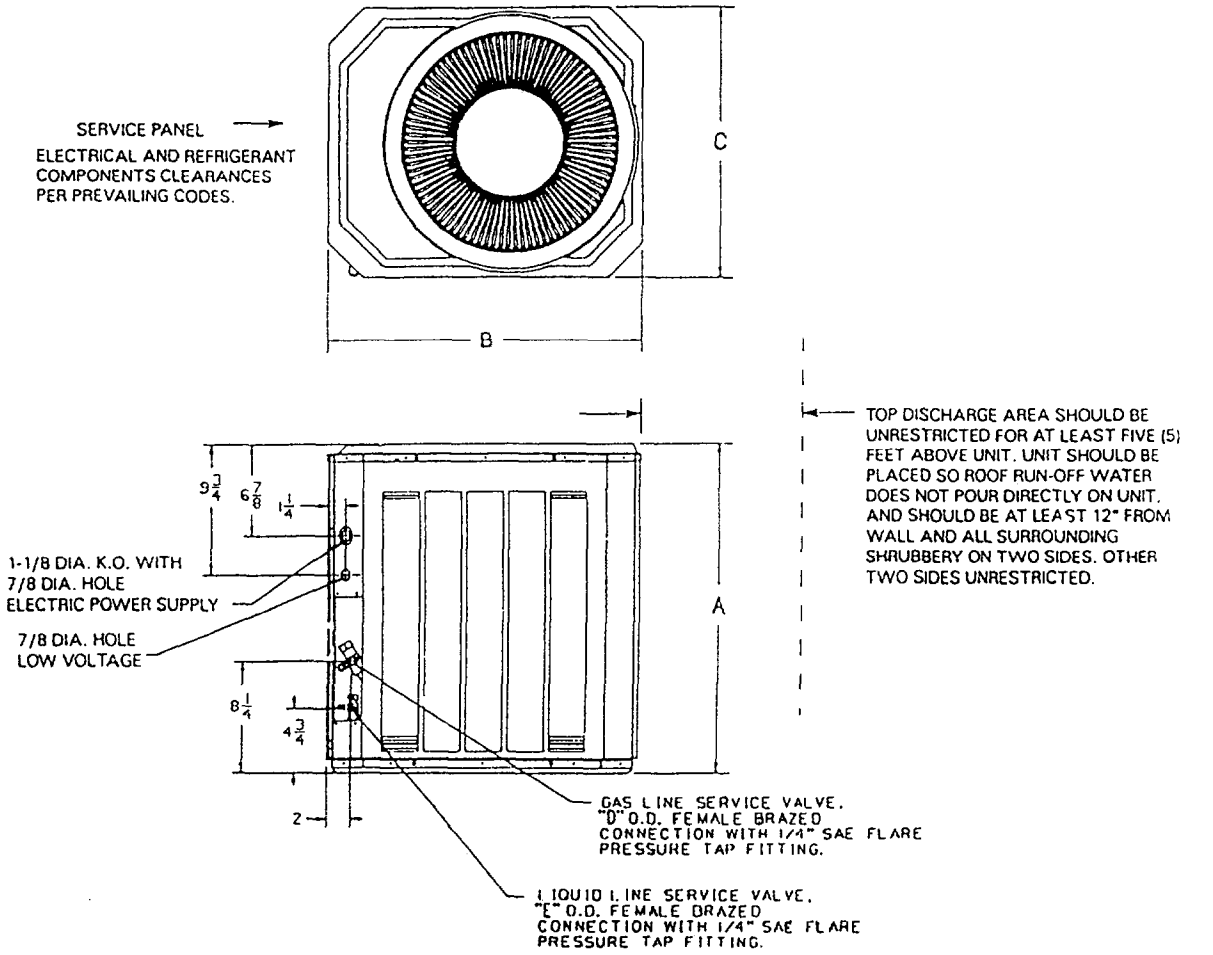


FIG. 1

MODEL	Figure	A	B	C	D	E
TTA030C	1	24 3/8	28 1/4	24 5/8	3/4	5/16
TTA036C	1	24 3/8	28 1/4	24 5/8	7/8	3/8

1 inch = 25.4 mm

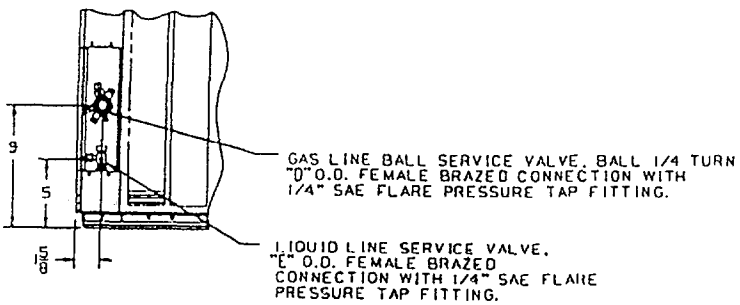


FIG. 2

Dimensional Data

TTA030-040C

Outline Drawing

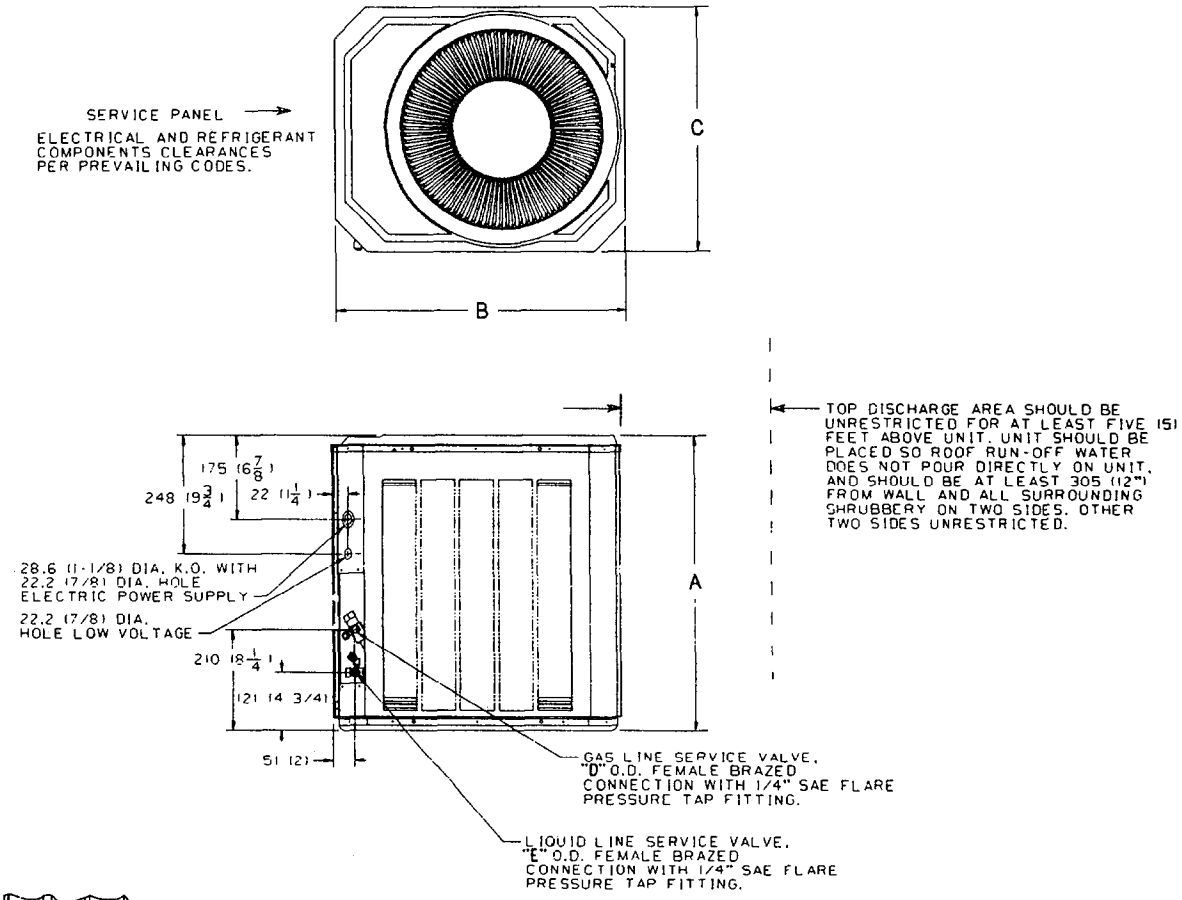


FIG. 1

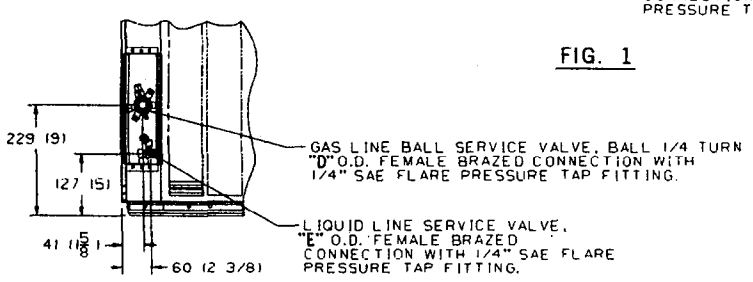


FIG. 2

MODELS	FIG.	A	B	C	D	E
TTA030C	1	619 (24-3/8)	718 (28-1/4)	625 (24-5/8)	3/4	5/16
TTA036C	1	619 (24-3/8)	718 (28-1/4)	625 (24-5/8)	7/8	3/8
TTA042C	1	832 (32-3/4)	718 (28-1/4)	625 (24-5/8)	7/8	3/8
TTA048C	2	832 (32-3/4)	718 (28-1/4)	625 (24-5/8)	1-1/8	3/8
TTA060C	2	1032 (40-5/8)	835 (32-7/8)	230 (28-3/4)	1-1/8	3/8

Dimensional Data

TTR030-060C

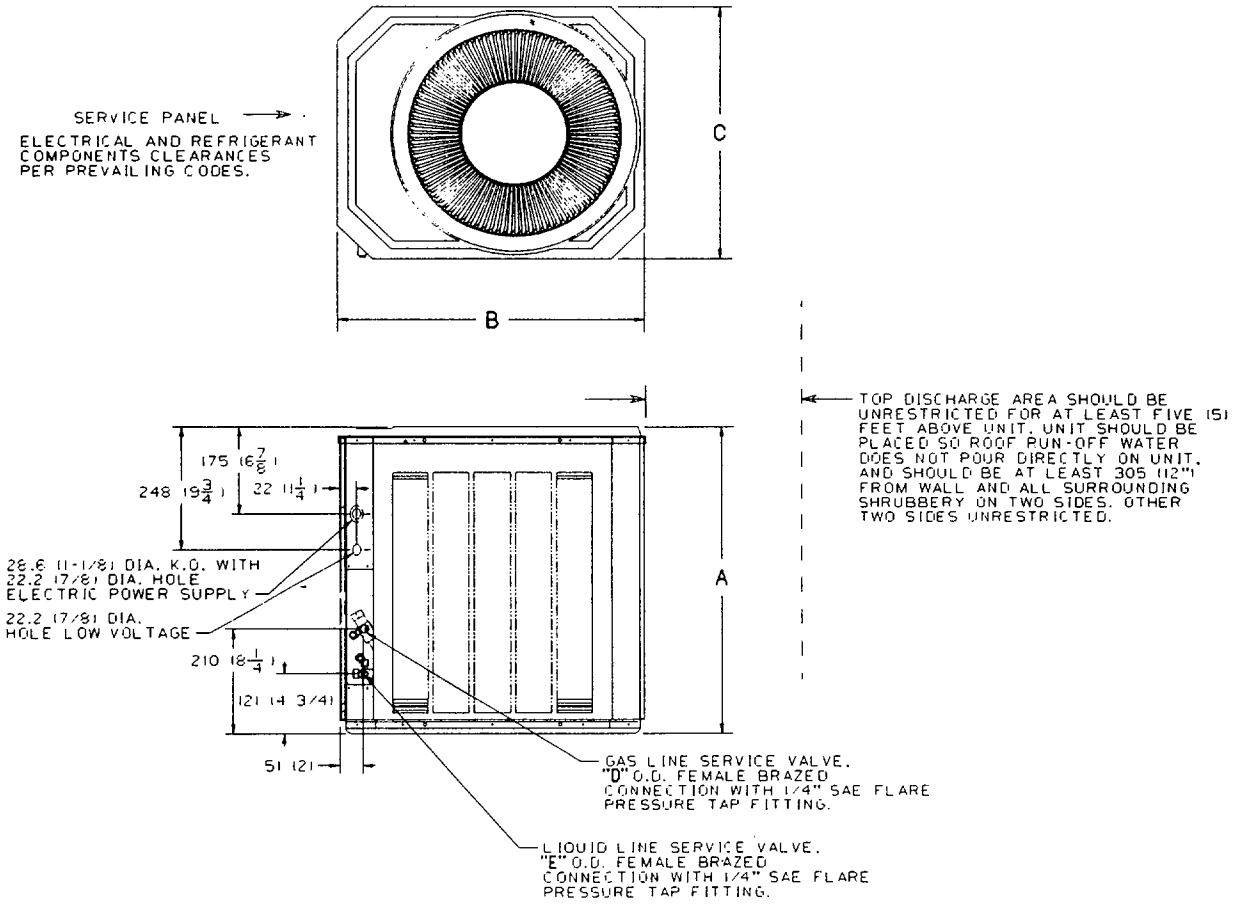


FIG. 1

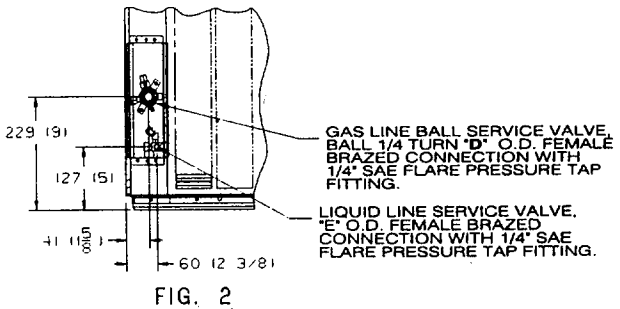


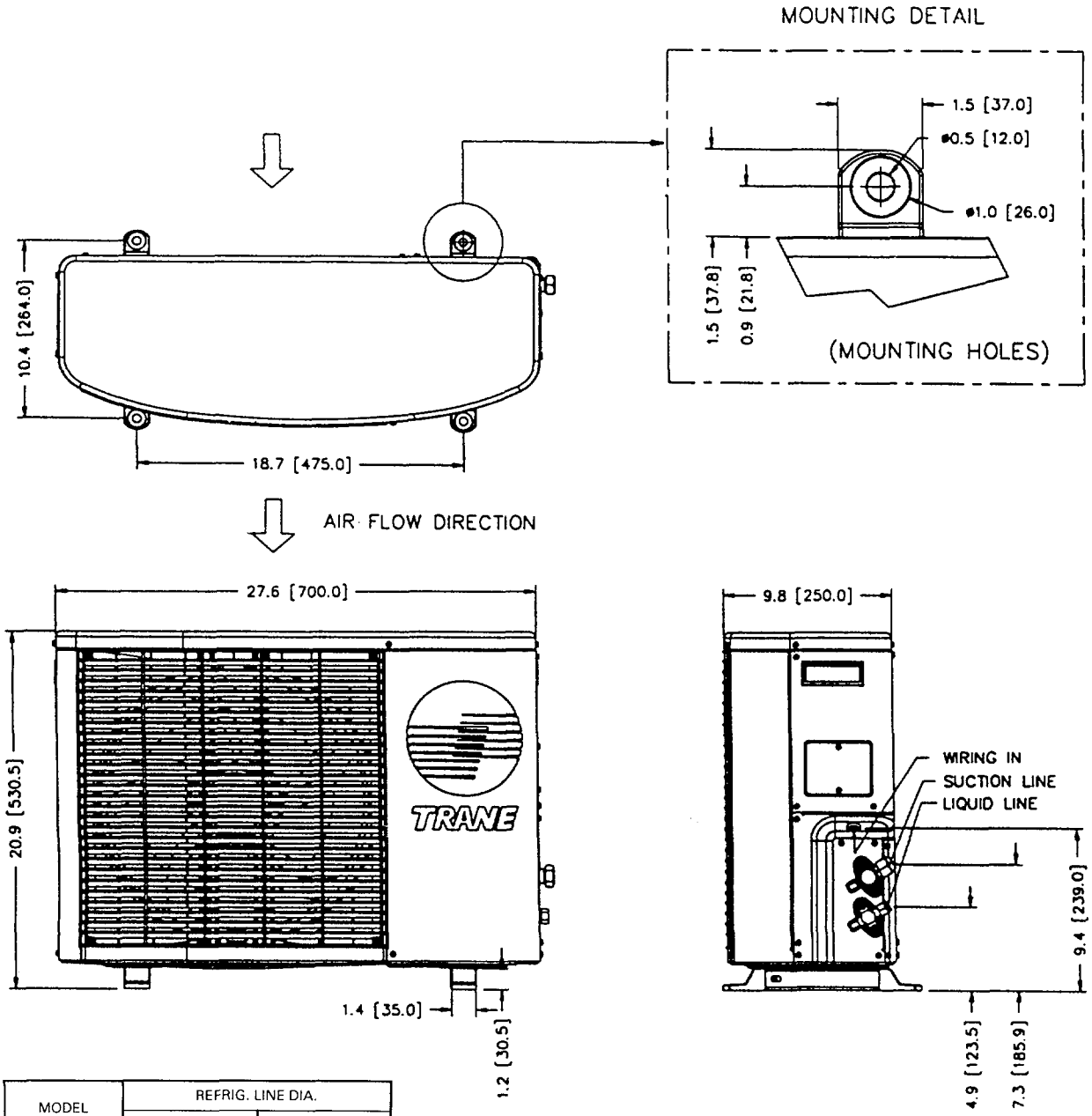
FIG. 2

MODELS	FIGURE	A	B	C	D	E
TTR030C-A	1	24-3/8	28-1/4	24-5/8	3/4	5/16
TTR036C-A	1	24-3/8	28-1/4	24-5/8	7/8	3/8
TTR042C-A	1	32-3/4	28-1/4	24-5/8	1-1/8	3/8
TTR048C-A	1	32-3/4	28-1/4	24-5/8	1-1/8	3/8
TTR060C-A	2	40-5/8	32-7/8	28-3/4	1-1/8	3/8

Dimensional Data

TTK509PBOEA (50 Hz) TTK509P1OEA (60 Hz)
TTK512PBOEA (50 Hz) TTK512P1OEA (60 Hz)
TTK512PBOOA (50 Hz) TTK512P1OOA (60 Hz)

Outline Drawing



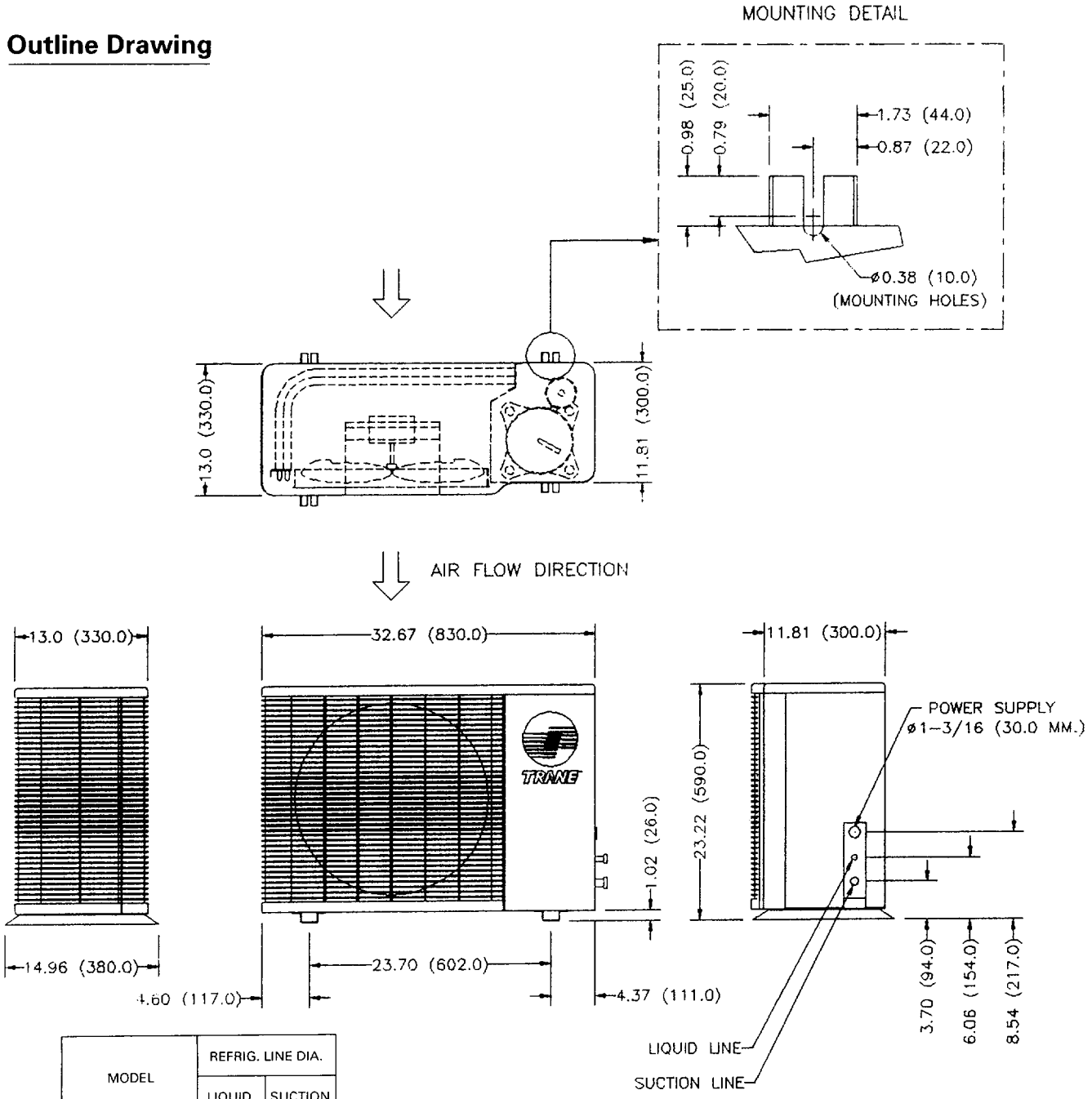
MODEL	REFRIG. LINE DIA.	
	LIQUID	SUCTION
TTK509	1/4" (6.35)	3/8" (9.53)
TTK512	1/4" (6.35)	1/2" (12.70)

NOTE 1. SUCTION AND LIQUID LINES ARE FLARE TYPE CONNECTIONS.
2. DIMENSIONS : INCHES (MILIMETERS) : 1 IN. = 25.40 MM.

Dimensional Data

TTK512-524 LB/LI

Outline Drawing



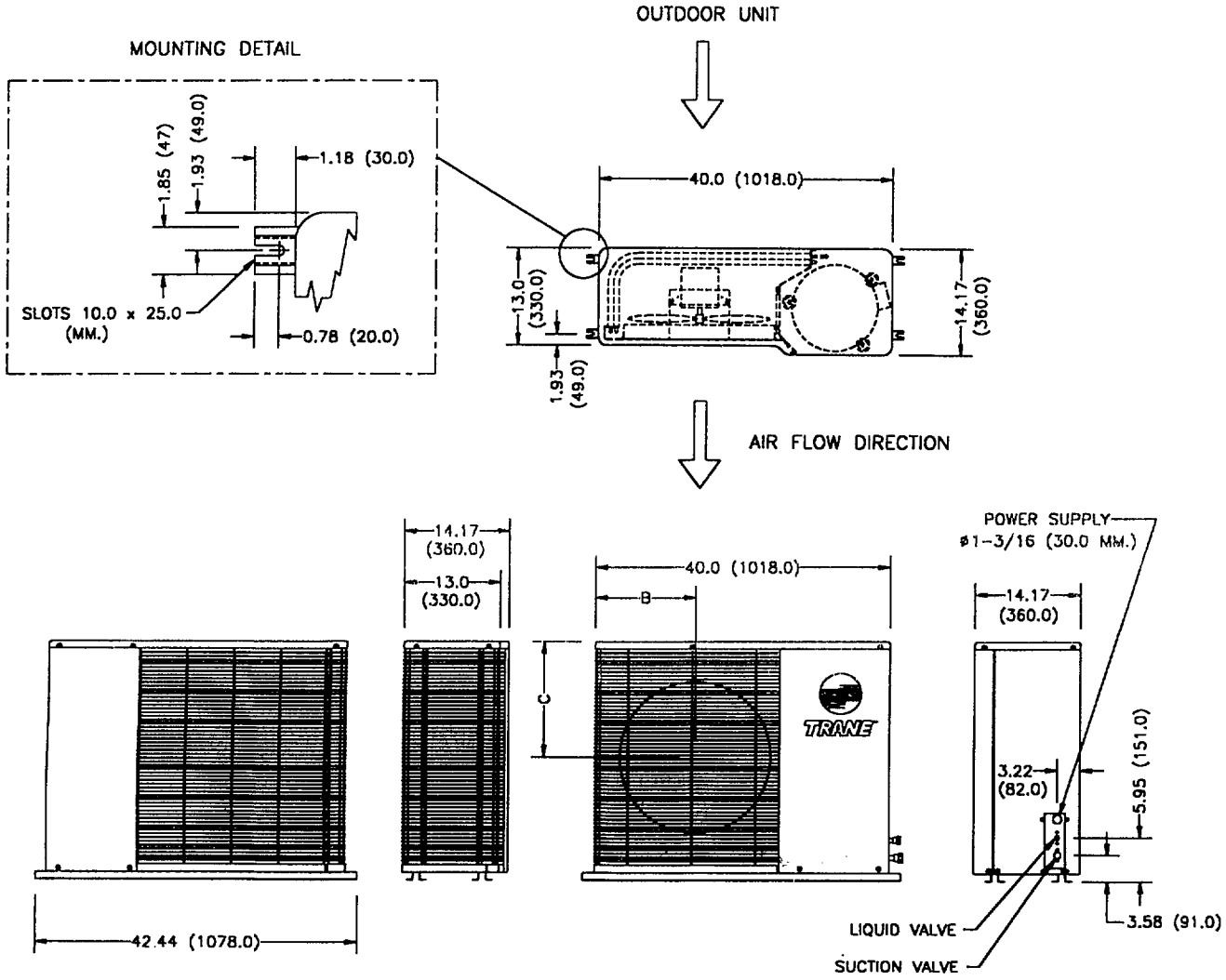
MODEL	REFRIG. LINE DIA.	
	LIQUID	SUCTION
TTK512LB/L1 TTK518LB/L1	1/4 (6)	1/2 (13)
TTK524LB/L1	3/8 (10)	5/8 (16)

NOTE 1) SUCTION AND LIQUID LINE ARE FLARE TYPE CONNECTIONS.
2) DIMENSIONS : INCHES (MILIMETERS) : 1 IN. = 25.40 MM.
3) THE "LB/L1" MODELS UTILIZE ROTARY COMPRESSORS.

Dimensional Data

TTK530-536KB/KD/KI/K4

Outline Drawing



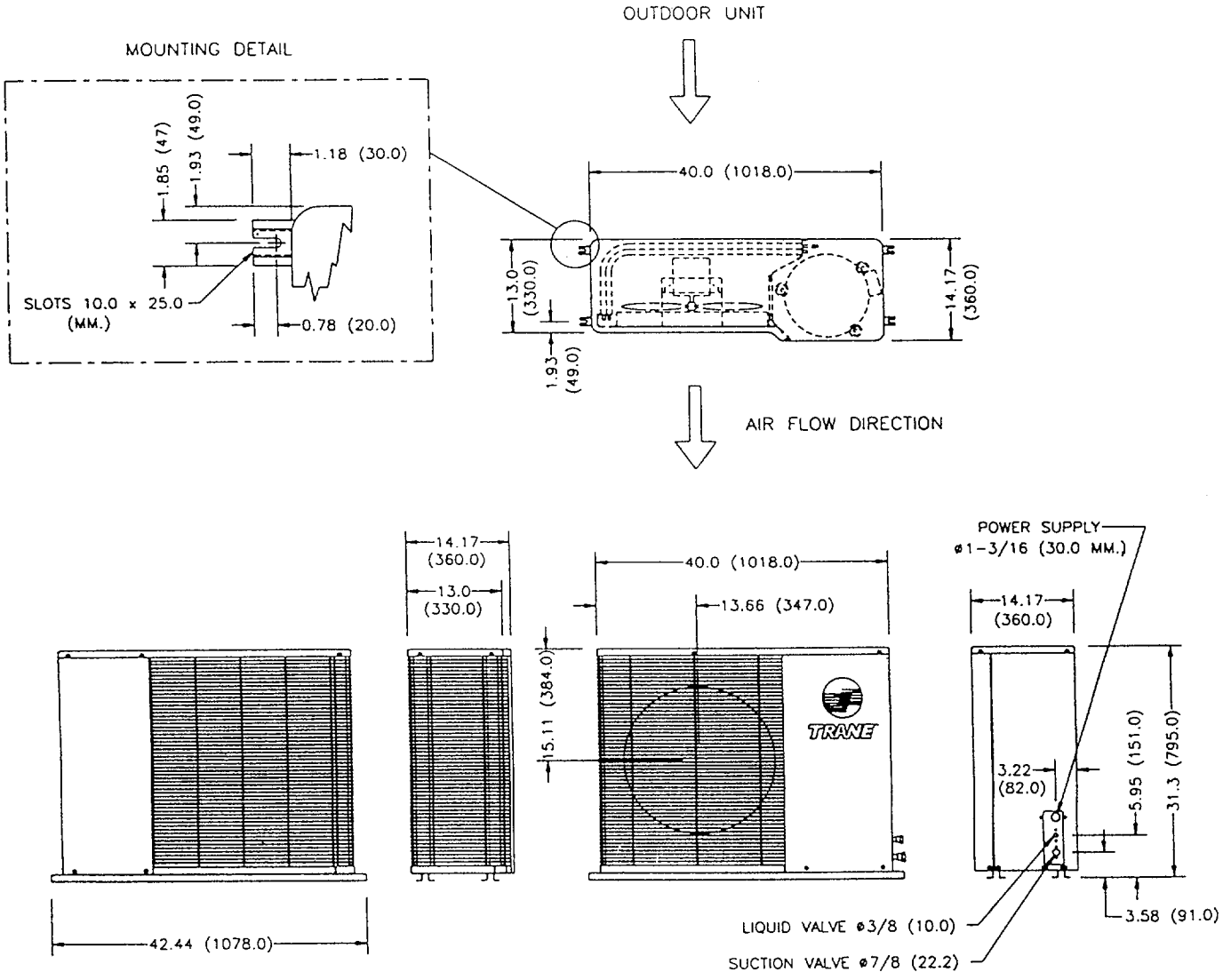
MODEL	REFRIG. LINE DIA.		A	B	C
	LIQUID	SUCTION	IN. (MM.)	IN. (MM.)	IN. (MM.)
TTK530KB/K1	3/8 (10)	5/8 (16)	31.3 (795.0)	13.66 (347.0)	15.11 (384.0)
TTK536KB/KD TTK536K1/K4	3/8 (10)	3/4 (19)			

NOTE 1) SUCTION AND LIQUID VALVES ARE FLARE TYPE CONNECTIONS
2) DIMENSIONS : INCHES (MILIMETERS) 1 IN. = 25.40 MM.
3) THE ABOVE MODELS UTILIZE RECIPROCATING COMPRESSORS.

Dimensional Data

TTK042 KD (50HZ.)
TTK042 K4 (60HZ.)

Outline Drawing

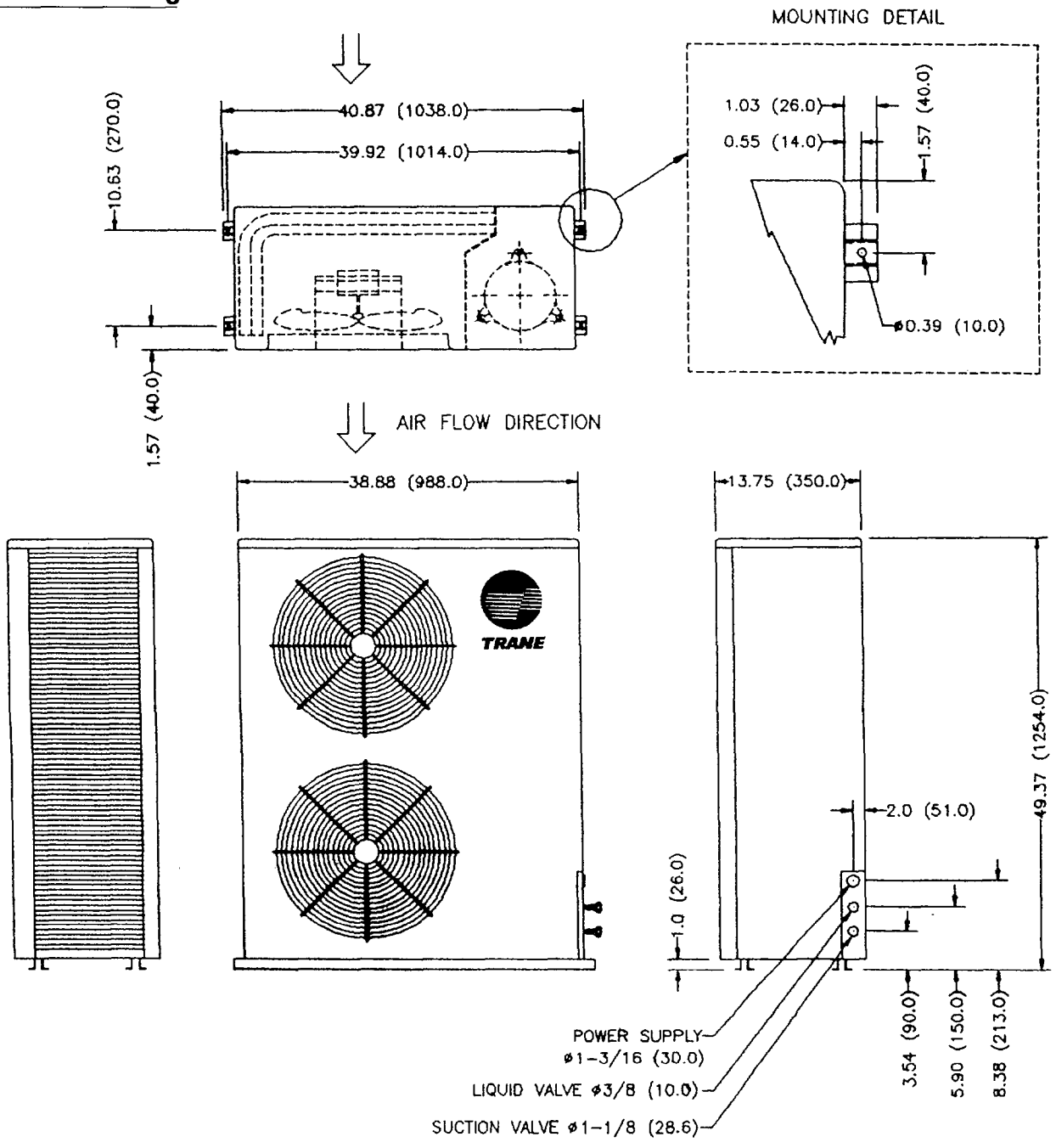


NOTE 1) SUCTION AND LIQUID VALVES ARE SWEAT TYPE CONNECTIONS
2) DIMENSIONS : INCHES (MILIMETERS) 1 IN. = 25.40 MM.
3) THE ABOVE MODELS UTILIZE RECIPROCATING COMPRESSORS.

Dimensional Data

TTK048-060KD (50HZ.)
TTK048-060K4 (60HZ.)

Outline Drawing



NOTE 1) SUCTION AND LIQUID VALVES ARE SWEAT TYPE CONNECTIONS
2) DIMENSIONS : INCHES (MILIMETERS) 1 IN. = 25.40 MM.
3) THE ABOVE MODELS UTILIZE RECIPROCATING COMPRESSORS.

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