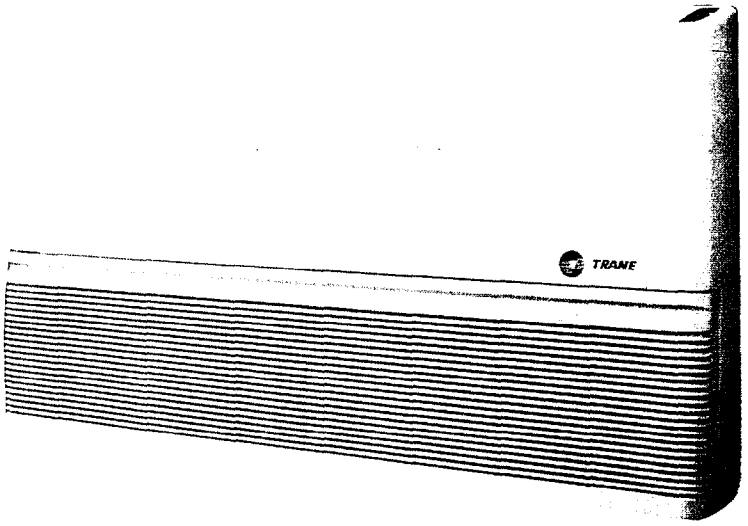
TRANE™

Product Bulletin

STYLUS

SPLIT SYSTEM AIR CONDITIONING 1-5 TONS
CONVERTIBLE SYSTEM
MCX/TTK/TTB/TTA/ MODEL 50 Hz



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

Ordering No. **MCX 5PRC804-EN**
NOVEMBER 1997

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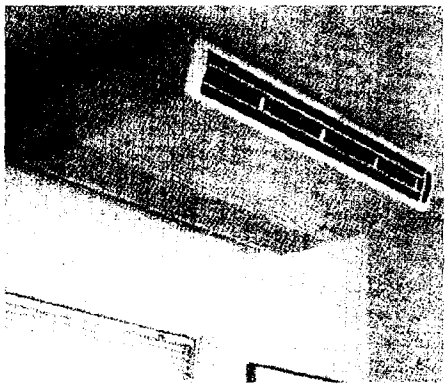
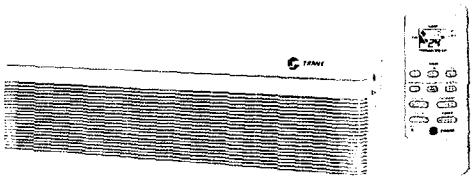
Features and Benefits





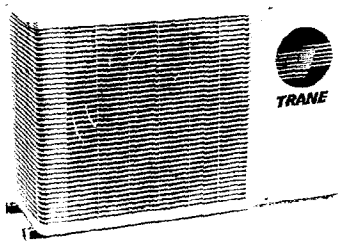
MCX Air Handler

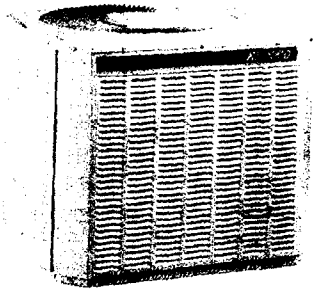
Features :

- 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					
TTK512PBOOA	MCX512EB_ _F/G	12.3	3.6	400	680
TTK512LBOOB	MCX512EB_ _F/G	12.3	3.6	400	680
TTK518LBOOB	MCX518EB_ _F/G	18.3	5.4	475	808
TTK524LBOOC	MCX524EB_ _F/G	24.5	7.2	675	1448
TTK530KBOOB	MCX536EB_ _F	31.7	9.3	915	1556
TTK536KBOOB	MCX536EB_ _F	36.9	10.8	915	1556
TTK536KDOOB	MCX536EB_ _F	36.9	10.8	915	1556
TT042KDOOA	MCX042EB_ _A	42.1	12.3	1245	2117
TTK048KDOOC	MCX048EB_ _A	48.2	14.1	1200	2040
TTK060KDOOC	MCX060EB_ _A	56.0	16.4	1315	2236
TTB510CAOOA	MCX512EB_ _F/G	13.6	3.98	400	680
TTB515CAOOA	MCX518EB_ _F/G	15.6	4.56	475	808
TTB520CAOOA	MCX518EB_ _F/G	18.4	5.39	475	808
TTB520CAOOA	MCX524EB_ _F/G	20.2	5.90	675	1148
TTB524CAOOA	MCX524EB_ _F/G	24.8	7.27	675	1148
TTB530CAOOA	MCX536EB_ _F	31.8	9.29	915	1556
TTB536CAOOA	MCX536EB_ _F	37.0	10.82	915	1556
TTA030CDOOA	MCX536EB_ _F	32.0	9.4	915	1556
TTA040CDOOA	MCX042EB_ _A	47.0	13.57	1245	2117
TTA050CDOOA	MCX048EB_ _A	55.7	16.12	1200	2040
TTA060CDOOA	MCX060EB_ _A	69.7	20.23	1315	2236

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

System Model Nomenclature

M	C	X	5	12	E	B	0	R	F
1	2	3	4	5,6	7	8	9	10	11

Digit 1
M = Mini-split

Digit 2
C = Cooling only

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

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

Digit 5,6
12 = Nominal Capacity
12 = 12 MBH
18 = 18 MBH
24 = 24 MBH
30 = 30 MBH
36 = 36 MBH

Digit 7
E = Development Sequence

Digit 8
B = 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
0 = Electric Heat
0 = 0 kW
E = 2 kW
G = 3 kW
H = 4 kW
K = 6 kW

Digit 10
R = Thermostat Option
R = Wireless Infrared Remote
W = Wired

Digit 11
F = Design Change

General Data 50 Hz

Product Specifications

INDOOR UNITS				
MODEL	MCX512EBO-G MCX512EBE-G(*)	MCX518EBO-G MCX518EBG-G(*)	MCX524EBO-G MCX524EBH-G(*)	MCX536EBO-F MCX536EBK-F(*)
POWER CONN.- Volts/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
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.	680/595/510	808/680/555	1148/858/680	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	220/1/50	220/1/50	220/1/50	220/1/50
R.L.Amps	0.37	0.42	0.60	2x0.58
L.R.Amps	0.49	0.65	0.86	2x1.02
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	687x1387x304	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 "F" = Models WITHOUT Air Sweep Feature 11th Digit "G" = 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 50 Hz

Product Specifications

INTDOOR UNITS			
MODEL	MCX042EBOWA MCX042EBJWA	MCX048EBOWA MCX048EBKWA	MCX060EBOWA MCX060EBLWA
POWER CONN.--Volts/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50
FUSE SIZE MAX (amps)	LOCAL CODE	LOCAL CODE	LOCAL CODE
INDOOR COIL - Type	Slit Fin	Slit Fin	Slit Fin
No. Rows	3	4	4
Fin per in.	16	15	17
Coil Face Area (Sq.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.)	6 x 9	6 x 9	6 x 9
Qty. Used	4	4	4
Type Drive - No. Speeds	Direct - 3	Direct - 3	Direct - 3
Air Flow (Hi/Med/Lo) CFM	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.	220/1/50	220/1/50	220/1/50
R.L. Amps	2 x 1.37	2 x 1.37	2 x 1.37
L.R. Amps	2 x 3.15	2 x 3.15	2 x 3.15
ELECTRIC HEATER DATA			
Heater rating (KW)	5 (2 elements)	6 (2 elements)	7 (2 elements)
Heater rating (KW)	25	27.2	31.8
MCA 34.68	34.68	37.43	43.18
FILTER - 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
DIMENSION (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

General Data 50 Hz

Product Specifications

OUTDOOR UNITS			
MODEL	TTK509PB0EA	TTK512PB0EA	TTK512PB00A
POWER CONN.--Volts/Ph/Hz	220/1/50	220/1/50	220/1/50
Fuse Size-max. amps	Per Local Codes	Per Local Codes	Per Local Codes
COMPRESSOR-Type	Rotary	Rotary	Rotary
No. Used	1	1	1
Volts/Hz/Ph	220/1/50	220/1/50	220/1/50
Rated Load Amps	5	6	6
Locked Rotor Amps	23	28	28
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	220/1/50	220/1/50	220/1/50
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 (H x W x D)			
Uncrated (in)	19.7 x 27.6 x 9.8	19.7 x 27.6 x 9.8	19.7 x 27.6 x 9.8
(mm)	500 x 700 x 250	500 x 700 x 250	500 x 700 x 250
Crated (in)	22.8 x 30 x 11.8	22.8 x 30 x 11.8	22.8 x 30 x 11.8
(mm)	580 x 760 x 300	580 x 760 x 300	580 x 760 x 300
WEIGHT - lbs. (kg)			
Net	75 (34)	82 (37)	82 (37)
Shipping	82 (37)	88 (40)	88 (40)

General Data 50 Hz

Product Specifications

OUTDOOR UNITS			
MODEL	TTK512LBOOB	TTK518LBOOB	TTK524LBOOB
POWER CONN.-Volts/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50
MCA (1) (2)	8.1	10.5	14.7
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)	6.0	8.0	11.3
L.R.Amps	33.0	43.0	55.0
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 - 1/15	1 - 1/15	1 - 1/15
Motor Speed (RPM)	1 - (940)	1 - (910)	1 - (910)
R.L.Amps	0.46	0.46	0.46
L.R.Amps	0.98	0.98	0.98
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., 7 oz.	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	3/8 - 9.52
DIMENSIONS	HxWxD	HxWxD	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)	121.2 (55.1)	133.1 (60.5)
Net	82.5 (37.5)	110.2 (50.1)	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.
(3) Rated for 25 feet (7.5 meters) of evacuated refrigerant piping.

General Data 50 Hz

Product Specifications

OUTDOOR UNITS			
MODEL	TTK530KBOOB	TTK536KBOOB	TTK536KDOOB
POWER CONN.-Volts/Ph/Hz	220-240/1/50	220-240/1/50	380-415/3/50
MCA (1) (2)	25.0	28.5	11.4
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)	19.1	21.9	8.2
L.R.Amps	87.0	95.6	42.0
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
CMH @ 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	0.90	0.90	0.90
L.R.Amps	2.04	2.04	2.04
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	Smooth	Inn. Grv.
REFRIGERANT			
Lbs. of R-22 (3)	6 lbs.,12 oz.	7 lbs., 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	HxWxD	HxWxD
Crated (in)	34.5x45.1x17.2	34.5x45.1x17.2	34.5x45.1x17.2
(mm)	876x1146x437	876x1146x437	876x1146x437
Uncrated (in)	31.3x42.4x14.2	31.3x42.4x14.2	31.3x42.4x14.2
(mm)	795x1078x380	795x1078x380	795x1078x380
WEIGHT - Lbs. (Kg)			
Shipping	181.1 (82.3)	189.2 (86.0)	189.2 (86.0)
Net	165.7 (75.3)	173.8 (79.0)	173.8 (79.0)

(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 50 Hz

Product Specifications

OUTDOOR UNITS			
MODEL	TTK042KD00AA	TTK048KDOOCA	TTK060KDOOCA
POWER CONN.-Volts/Ph/Hz	380-415/3/50	380-415/3/50	380/415/3/50
MCA	11.72	13.2	13.6
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	8.6	9.6	9.95
L.R.Amps	45.0	65.0	61.8
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	1 - (910)	1 - (910)
R.L.Amps	0.97	2 - 46	2 - 46
L.R.Amps	1.88	2 - .98	2 - .98
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	11.67 - 1.08
Tube Size (in) - (mm)	(3/8) - (9.53)	(3/8) - 9.52	(3/8) - 9.52
Tube Type	Inn. Grv.	Smooth	3Inn. Grv.
REFRIGERANT CONNECTION			
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) - 9.52	
DIMENSIONS (HxWxD)	HxWxD	HxWxD	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	191.9 (87.24)	264.4 (120.0)	284.2 (129.2)
Net (uncrated)	176.5 (80.24)	224.8 (102.2)	244.6 (111.2)

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

General Data 50 Hz

TTB5 Outdoor Condensing Unit Product Specifications[1,2]

Model	TTB510CA00A0	TTB515CA00A0	TTB520CA00A0
Power Conns. — V/PH/HZ	220-230/1/50		220-230/1/50
Min. Brch. Cir. Ampacity[3]	11		15
Br. Cir. Max. (Amps)	15		25
Prot, Rtg. Recmd. (Amps)	15		25
Compressor	Climatuff		Climatuff
No. Used — No. Speeds	1 — 1		1 — 1
Volts/Ph/Hz	200-230/1/50		200-230/1/50
R.L. Amps — L.R. Amps	7.7 — 45		10.8 — 52
Voltage Utilization Range	180-253		180-253
Brch. Cir. Selec. Cur. Amps	7.7		10.8
Outdoor Fan — Type	Propeller		Propeller
Dia. — In. (mm) — No. Used	13.7 (348) — 1		13.7 (348) — 1
Type Drive — No. Speeds	Direct — 1		Direct — 1
Cfm (L/s) @ 0.0 In. W.G.[4]	1250 (590)		1250 (590)
No. Motors	1		1
Motor HP (W)	1/8 (93)		1/8 (93)
Motor Speed R.P.M.	1620		1620
Volts/Ph/Hz.	200-230/1/50		200-230/1/50
F.L. Amps	1.1		1.1
Outdoor Fan — Type	Spine Fin ™		Spine Fin ™
Rows — Fins/In. (Fins/mm)	1 — 24 (1)		1 — 24 (1)
Face Area — ft² (m²)	6.62 (.62)		6.62 (.62)
Tube Size — In. (mm)	3/8 (10)		3/8 (10)
Refrigerant			
R-22 O.D. Unit[5] — Lbs. (kg)	2-lbs., 6oz. (1.08)	3 lbs., 3 oz. (1.45)	3 lbs., 10 oz. (1.64)
Factory Supplied	Yes		Yes
Line Size — O.D. Gas[6] — In. (mm)	5/8 (16)		3/4 (20)
Line Size — O.D. Liq.[6] — In. (mm)	1/4 (16)		5/16 (8)
Dimensions	HxWxD		HxWxD
Outdoor Unit — Crated — In. (mm)	24 3/4 x20x20 (629 x 508 x 508)		24 3/4 x20x20 (629 x 508 x 508)
Uncrated	See Outline Dwg.		See Outline Dwg.
Weight			
Shipping — Lbs. (kg)	118 (53.5)		130 (60.0)
Net — Lbs. (kg)	112 (50.8)		125 (56.7)

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. lift — liquid 60 ft. Max. length of precharged tubing 50 ft. For greater length refer to Refrigerant Piping manual Pub. No. 32-3009.

General Data 50 Hz

TTB5 Outdoor Condensing Unit Product Specifications[1,2]

Model	TTB524CA00A0	TTB530CA00A0	TTB536CA00A0
Power Conns. — V/PH/HZ	220-230/1/50	220-230/1/50	200-230/1/50
Min. Brch. Cir. Ampacity[3]	19	20	24
Br. Cit. Max. (Amps)	30	30	40
Prot, Rtg. Recmd. (Amps)	30	30	40
Compressor	Climatuff	Climatuff	Climatuff
No. Used — No. Speeds	1 — 1	1 — 1	1 — 1
Volts/Ph/Hz	200-230/1/50	200-230/1/50	200-230/1/50
R.L. Amps — L.R. Amps	13.9 — 60	13.9 — 6 — 79	17.6 — 95
Voltage Utilization Range	180-253	180-253	180-253
Brch. Cir. Selec. Cur. Amps	13.9	14.9	17.6
Outdoor Fan — Type	Propeller	Propeller	Propeller
Dia. — In. (mm) — No. Used	18 (457) — 1	18 (457) — 1	18 (457) — 1
Type Drive — No. Speeds	Direct — 1	Direct — 1	Direct — 1
Cfm (L/s) @ 0.0 In. W.G.[4]	1925 (908)	2225 (1050)	2225 (1050)
No. Motors	1	1	1
Motor HP (W)	1/6 (124)	1/6 (124)	1/6 (124)
Motor Speed R.P.M.	1100	1100	1100
Volts/Ph/Hz.	200-230/1/50	200-230/1/50	200-230/1/50
F.L. Amps	1.30	1.30	1.30
Outdoor Fan — Type	Spine Fin ™	Spine Fin ™	Spine Fin ™
Rows — Fins/In. (Fins/mm)	1 — 24 (1)	1 — 24 (1)	1 — 24 (1)
Face Area — ft^2 (m^2)	10.96 (1.02)	14.93 (1.39)	14.93 (1.39)
Tube Size — In. (mm)	3/8 (10)	3/8 (10)	3/8 (10)
Refrigerant			
R-22 O.D. Unit[5] — Lbs. (kg)	4-lbs., 15 oz. (2.24)	6 lbs., 11 oz. (3.03)	6 - lbs., 11 oz. (3.03)
Factory Supplied	Yes	Yes	Yes
Line Size — O.D. Gas[6] — In. (mm)	3/4 (20)	3/4 (20)	3/4 (20)
Line Size — O.D. Liq.[6] — In. (mm)	5/16 (8)	5/16 (8)	5/16 (8)
Dimensions	HxWxD	HxWxD	HxWxD
Outdoor Unit — Crated — In. (mm)	$26^3/_8$x$26^7/_8$x$26^7/_8$	$33^3/_8$x$26^7/_8$x$26^7/_8$	$33^3/_8$x$26^7/_8$x$26^7/_8$ (848 x 683 x 683)
Uncrated	See Outline Dwg.	See Outline Dwg.	See Outline Dwg.
Weight			
Shipping — Lbs. (kg)	176 (79.8)	184 (83.5)	203 (92.1)
Net — Lbs. (kg)	166 (75.3)	174 (78.9)	193 (87.5)

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. lift — liquid 60 ft. Max. length of precharged tubing 50 ft. For greater length refer to Refrigerant Piping manual Pub. No. 32-3009.

General Data 50 Hz

Product Specifications

OUTDOOR UNITS				
MODEL	TTA030CDOOA	TTA040CDOOA	TTA050CDOOA	TTA060CDOOA
POWER CONN.--Volts/Ph/Hz	380/415/3/50	380/415/3/50	380/415/3/50	380/415/3/50
Fuse Size-max. amps	Per Local Codes	Per Local Codes	Per Local Codes	
COMPRESSOR-Type	Climatuff	Climatuff	Climatuff	Climatuff
No. Used - No Speeds	1 - 1	1 - 1	1 - 1	1 - 1
Volts/Ph/Hz	380/415/3/50	380/415/3/50	380/415/3/50	380/415/3/50
F.L. Amps (1)	5.0	7.0	9.0	10.6
L.R. Amps	51.0	51.0	71.0	64.0
OUTDOOR FAN-Type	Propellor	Propellor	Propellor	Propellor
No.Used		1	1	1 1
Diameter (in) - (mm)	18 - 457	16 - 457	22 - 569	26 - 660
Type Drive-No Speeds	Direct-1	Direct-1	Direct-1	Direct-1
CFM @ 0.0 in. w.g.	1815	1845	2225	4250
CMH @ 0.0 mm. w.g.	3083	3134	3780	7220
No. Motors - HP	1 - 1/4	1 - 1/4	1 - 1/3	1 - 1/3
Motor Speed (RPM)	1 - (900)	1 - (900)	1 - (690)	1 - (690)
Volts./Ph/Hz	400/1/50	400/1/50	400/1/50	400/1/50
F.L. Amps	0.80	0.80	1.00	1.70
OUTDOOR COIL - Type	Spine Fin	Spine Fin	Spine Fin	Spine Fin
No. Rows	1	1	1	1
Fins per inch	24	24	24	24
Face Area (Sq. Ft.) - (Sq. M.)	12.22 - 1.14	1684 - 1.57	25.50 - 2.37	35.39 - 3.29
Tube Size - in. (mm)	3/8 - 9.52	3/8 - 9.52	3/8 - 9.52	3/8 - 9.52
REFRIGERANT				
Lbs. of R-22 (2)	5 lbs. 12 oz.	7 lbs. 2 oz.	3 lbs. 2 oz.	13 lbs. O ozs.
Kg. of R-22 (2)	2.61	3.23	4.14	5.90
Line Size-OD. Gas - (in) (mm)	7/6 - 22.3	1-1/8 - 26.6	1-1/8 - 28.6	1-1/8 - 28.6
Line Size-OD. Liq. - (in) (mm)	3/8 - 9.52	3/8 - 9.52	3/8 - 9.52	3/8 - 9.52
DIMENSIONS (H x W x D)				
Crated (in)	25.0 x 30.0 x 26.5	33.3 x 30.0 x 26.5	41.3 x 34.8 x 31.3	45.5 x 41.0 x 37.0
(mm)	635 x 762 x 673	846 x 762 x 673	1049 x 884 x 795	1156 x 1041 x 940
Uncrated (in)	243 x 26.3 x 24.6	32.8 x 28.3 x 24.6	40.6 x 32.9 x 28.8	44.8 x 36.9 x 34.8
(mm)	617 x 719 x 625	833 x 719 x 625	1031 x 836 x 732	1138 x 988 x 884
WEIGHT - lbs. (kg)				
Shipping	190.0 (86.2)	211.0 (96.7)	254.0 (115.2)	333.0 (151.0)
Net	181.0 (82.1)	200.0 (90.7)	239.0 (108.4)	314.0 (142.0)

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

Performance Data Cooling English Units

TTK512PBOOA WITH MCX512EB/CB
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
	61	11.3	9.3	10.1	10.8	11.6*	12.0*	0.97
85	65	12.2	7.7	8.5	9.3	10.1	10.8	1.01
	67	12.7	6.8	7.6	8.4	9.2	10.0	1.03
	71	13.6	5.1	5.9	6.7	7.5	8.3	1.07
	61	11.0	9.1	9.9	10.7	11.4*	12.0*	1.06
95	65	11.9	7.5	8.3	9.1	9.9	10.7	1.10
	67	12.3	6.7	7.5	8.3	9.0	9.8	1.12
	71	13.2	5.0	5.7	6.6	7.3	8.1	1.16
	61	10.5	8.8	9.6	10.3	11.0*	11.6*	1.15
105	65	11.4	7.2	8.0	8.8	9.6	10.4	1.19
	67	11.8	6.4	7.1	7.9	8.7	9.5	1.22
	71	12.7	5.5	5.5	6.2	7.1	7.8	1.26
	61	10.1	8.6	9.3	10.0	10.7*	11.2*	1.24
115	65	10.9	6.9	7.7	8.5	9.3	10.1	1.29
	67	11.3	6.1	6.9	7.7	8.5	9.2	1.31
	71	12.2	4.4	5.2	6.0	6.8	7.6	1.36

*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 :	12.3	MBH
AIRFLOW :	400	CFM
SYSTEM POWER :	1330	WATTS
NOM. SYSTEM AMPS :	5.9	AMPS

Performance Data Cooling Metric Units

TTK512PBOOA WITH MCX512EB/CB
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*	0.97
30	18	3.6	2.2	2.5	2.7	2.9	3.2	1.01
	19.5	3.7	2.0	2.2	2.5	2.7	2.9	1.03
	22	4.0	1.5	1.7	2.0	2.2	2.4	1.07
	16	3.2	2.7	2.9	3.1	3.3*	3.5*	1.06
35	18	3.5	2.2	2.4	2.7	2.9	3.1	1.10
	19.5	3.6	2.0	2.2	2.4	2.6	2.9	1.12
	22	3.9	1.5	1.7	1.9	2.1	2.4	1.16
	16	3.1	2.6	2.8	3.0	3.2*	3.4*	1.15
40	18	3.3	2.1	2.3	2.6	2.8	3.0	1.19
	19.5	3.5	1.9	2.1	2.3	2.6	2.8	1.22
	22	3.7	1.6	1.6	1.8	2.1	2.3	1.26
	16	3.0	2.5	2.7	2.9	3.1*	3.3*	1.24
45	18	3.2	2.0	2.3	2.5	2.7	3.0	1.29
	19.5	3.3	1.8	2.0	2.2	2.5	2.7	1.31
	22	3.6	1.3	1.5	1.8	2.0	2.2	1.36

*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 :	3.6	KW
AIRFLOW :	680	CMH
SYSTEM POWER :	1330	WATTS
NOM. SYSTEM AMPS :	5.9	AMPS

Performance Data Cooling English Units

TTK512LBOOB WITH MCX512EB 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	11.3	8.2	9.0	9.7	10.3	10.7	1.06
	65	12.2	6.8	7.5	8.2	9.0	9.6	1.10
	67	12.6	6.1	6.8	7.5	8.2	8.9	1.12
	71	13.6	4.5	5.3	5.9	6.7	7.4	1.17
95	61	11.0	8.1	8.8	9.5	10.1	10.7	1.15
	65	11.8	6.7	7.4	8.1	8.8	9.5	1.20
	67	12.3	5.9	6.7	7.4	8.1	8.8	1.22
	71	13.2	4.4	5.1	5.8	6.5	7.3	1.27
105	61	10.5	7.8	8.5	9.2	9.8	10.3	1.25
	65	11.3	6.4	7.1	7.8	8.5	9.2	1.30
	67	11.8	5.7	6.4	7.1	7.8	8.5	1.33
	71	12.6	4.9	4.9	5.6	6.3	7.0	1.38
115	61	10.1	7.6	8.3	8.9	9.5	10.0	1.36
	65	10.9	6.2	6.9	7.6	8.3	9.0	1.41
	67	11.3	5.4	6.2	6.8	7.5	8.2	1.43
	71	12.1	4.0	4.6	5.3	6.0	6.7	1.48

*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 :	12.3	MBH
AIRFLOW :	400	CFM
SYSTEM POWER :	1415	WATTS
NOM. SYSTEM AMPS :	6.7	AMPS

TTK518LBOOB WITH MCX518EB/CB 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	16.8	12.1	13.1	14.1	15.1	15.7	1.51
	65	18.2	10.0	11.0	12.1	13.1	14.1	1.57
	67	18.9	8.9	9.9	11.0	12.0	13.0	1.60
	71	20.3	6.7	7.7	8.7	9.8	10.8	1.67
95	61	16.4	11.9	12.9	13.9	14.8	15.7	1.64
	65	17.6	9.8	10.8	11.9	12.9	13.9	1.71
	67	18.3	8.7	9.7	10.8	11.8	12.8	1.74
	71	19.7	6.5	7.5	8.5	9.5	10.6	1.81
105	61	15.7	11.5	12.5	13.4	14.3	15.1	1.79
	65	17.0	9.4	10.4	11.4	12.4	13.5	1.85
	67	17.6	8.3	9.3	10.3	11.3	12.4	1.89
	71	18.9	7.1	7.1	8.1	9.2	10.2	1.96
115	61	15.0	11.1	12.1	13.0	13.9	14.6	1.93
	65	16.2	9.0	10.1	11.1	12.1	13.1	2.01
	67	16.8	8.0	9.0	10.0	11.0	12.0	2.04
	71	18.1	5.8	6.8	7.8	8.8	9.8	2.12

*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 :	18.3	MBH
AIRFLOW :	475	CFM
SYSTEM POWER :	1940	WATTS
NOM. SYSTEM AMPS :	8.5	AMPS

Performance Data Cooling Metric Units

TTK512LBOOB WITH MCX512EB 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
30	16	3.3	2.4	2.6	2.8	3.0	3.1	1.06
	18	3.6	2.0	2.2	2.4	2.6	2.8	1.10
	19.5	3.7	1.8	2.0	2.2	2.4	2.6	1.12
	22	4.0	1.3	1.5	1.7	2.0	2.2	1.17
35	16	3.2	2.4	2.6	2.8	3.0	3.1	1.15
	18	3.5	2.0	2.2	2.4	2.6	2.8	1.20
	19.5	3.6	1.7	1.9	2.2	2.4	2.6	1.22
	22	3.9	1.3	1.5	1.7	1.9	2.1	1.27
40	16	3.1	2.3	2.5	2.7	2.9	3.0	1.25
	18	3.3	1.9	2.1	2.3	2.5	2.7	1.30
	19.5	3.5	1.7	1.9	2.1	2.3	2.5	1.33
	22	3.7	1.4	1.4	1.6	1.8	2.0	1.38
45	16	2.9	2.2	2.4	2.6	2.8	2.9	1.36
	18	3.2	1.8	2.0	2.2	2.4	2.6	1.41
	19.5	3.3	1.6	1.8	2.0	2.2	2.4	1.43
	22	3.5	1.2	1.4	1.6	1.8	2.0	1.48

*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 :	3.6	KW
AIRFLOW :	680	CMH
SYSTEM POWER :	1415	WATTS
NOM. SYSTEM AMPS :	6.7	AMPS

TTK518LBOOB WITH MCX518EB/CB AT 808 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
30	16	4.9	3.5	3.8	4.1	4.4	4.6	1.51
	18	5.3	2.9	3.2	3.5	3.8	4.1	1.57
	19.5	5.5	2.6	2.9	3.2	3.5	3.8	1.60
	22	5.9	1.9	2.3	2.5	2.9	3.2	1.67
35	16	4.8	3.5	3.8	4.1	4.3	4.6	1.64
	18	5.2	2.9	3.2	3.5	3.8	4.1	1.71
	19.5	5.4	2.5	2.9	3.2	3.5	3.8	1.74
	22	5.8	1.9	2.2	2.5	2.8	3.1	1.81
40	16	4.6	3.4	3.7	3.9	4.2	4.4	1.79
	18	5.0	2.8	3.0	3.4	3.6	3.9	1.85
	19.5	5.2	2.4	2.7	3.0	3.3	3.6	1.89
	22	5.5	2.1	2.1	2.4	2.7	3.0	1.96
45	16	4.4	3.3	3.6	3.8	4.1	4.3	1.93
	18	4.8	2.7	3.0	3.2	3.6	3.8	2.01
	19.5	4.9	2.3	2.6	2.9	3.2	3.5	2.04
	22	5.3	1.7	2.0	2.3	2.6	2.9	2.12

*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 :	1940	WATTS
NOM. SYSTEM AMPS :	8.5	AMPS

Performance Data Cooling English Units

TTK524LBOOC WITH MCX524EB 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	22.5	16.1	17.5	18.9	20.2	20.9	2.18
	65	24.3	13.4	14.7	16.1	17.5	18.8	2.28
	67	25.2	11.9	13.3	14.7	16.0	17.4	2.32
	71	27.1	8.9	10.3	11.6	13.1	14.4	2.41
95	61	21.9	15.9	17.2	18.6	19.8	20.9	2.37
	65	23.6	13.1	14.4	15.8	17.2	18.6	2.47
	67	24.5	11.6	13.0	14.4	15.7	17.1	2.52
	71	26.3	8.7	10.0	11.4	12.7	14.2	2.62
105	61	21.0	15.3	16.7	18.0	19.1	20.2	2.58
	65	22.7	12.6	13.9	15.3	16.6	18.0	2.68
	67	23.5	11.1	12.4	13.8	15.2	16.6	2.73
	71	25.2	9.5	9.5	10.9	12.3	13.6	2.84
115	61	20.1	14.9	16.2	17.4	18.5	19.5	2.80
	65	21.7	12.1	13.5	14.8	16.2	17.5	2.90
	67	22.5	10.6	12.1	13.3	14.7	16.1	2.95
	71	24.2	7.7	9.1	10.4	11.8	13.1	3.06

*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 :	24.5	MBH
AIRFLOW :	675	CFM
SYSTEM POWER :	2762	WATTS
NOM. SYSTEM AMPS :	11.9	AMPS

TTK530KBOOB WITH MCX536EB 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	29.1	21.5	23.4	25.2	26.9	28.0	2.93
	65	31.4	17.8	19.7	21.5	23.4	25.2	3.05
	67	32.6	15.9	17.7	19.6	21.4	23.2	3.10
	71	35.0	11.9	13.8	15.5	17.5	19.2	3.23
95	61	28.3	21.3	23.0	24.9	26.4	28.0	3.18
	65	30.5	17.5	19.3	21.2	23.0	24.8	3.30
	67	31.7	15.5	17.4	19.2	21.0	22.9	3.37
	71	34.0	11.6	13.4	15.2	17.0	18.9	3.50
105	61	27.1	20.4	22.3	24.0	25.5	26.9	3.46
	65	29.3	16.8	18.6	20.4	22.2	24.1	3.59
	67	30.5	14.8	16.6	18.5	20.3	22.1	3.66
	71	32.6	12.7	12.7	14.5	16.4	18.2	3.81
115	61	26.0	19.9	21.7	23.3	24.8	26.1	3.75
	65	28.0	16.2	18.0	19.8	21.6	23.4	3.89
	67	29.1	14.2	16.1	17.8	19.7	21.5	3.96
	71	31.3	10.3	12.1	13.9	15.8	17.6	4.10

*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 :	3844	WATTS
NOM. SYSTEM AMPS :	17.7	AMPS

Performance Data Cooling Metric Units

TTK524LBOOC WITH MCX524EB AT 1148 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	6.6	4.7	5.1	5.5	5.9	6.1	2.18
	18	7.1	3.9	4.3	4.7	5.1	5.5	2.28
	19.5	7.4	3.5	3.9	4.3	4.7	5.1	2.32
	22	7.9	2.6	3.0	3.4	3.8	4.2	2.41
35	16	6.4	4.7	5.0	5.5	5.8	6.1	2.37
	18	6.9	3.8	4.2	4.6	5.0	5.4	2.47
	19.5	7.2	3.4	3.8	4.2	4.6	5.0	2.52
	22	7.7	2.5	2.9	3.3	3.7	4.2	2.62
40	16	6.1	4.5	4.9	5.3	5.6	5.9	2.58
	18	6.6	3.7	4.1	4.5	4.9	5.3	2.68
	19.5	6.9	3.3	3.6	4.0	4.4	4.8	2.73
	22	7.4	2.8	2.8	3.2	3.6	4.0	2.84
45	16	5.9	4.4	4.7	5.1	5.4	5.7	2.80
	18	6.3	3.5	3.9	4.3	4.7	5.1	2.90
	19.5	6.6	3.1	3.5	3.9	4.3	4.7	2.95
	22	7.1	2.3	2.7	3.1	3.5	3.9	3.06

*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 :	7.2	KW
AIRFLOW :	1148	CMH
SYSTEM POWER :	2762	WATTS
NOM. SYSTEM AMPS :	11.9	AMPS

TTK530KBOOB WITH MCX536EB AT 1556 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
30	16	8.5	6.3	6.9	7.4	7.9	8.2	2.93
	18	9.2	5.2	5.8	6.3	6.9	7.4	3.05
	19.5	9.6	4.7	5.2	5.7	6.3	6.8	3.10
	22	10.3	3.5	4.0	4.5	5.1	5.6	3.23
35	16	8.3	6.2	6.7	7.3	7.7	8.2	3.18
	18	8.9	5.1	5.6	6.2	6.7	7.3	3.30
	19.5	9.3	4.5	5.1	5.6	6.2	6.7	3.37
	22	10.0	3.4	3.9	4.5	5.0	5.6	3.50
40	16	7.9	6.0	6.5	7.0	7.5	7.9	3.46
	18	8.6	4.9	5.4	6.0	6.5	7.1	3.59
	19.5	8.9	4.3	4.9	5.4	5.9	6.5	3.66
	22	9.6	3.7	3.7	4.3	4.8	5.3	3.81
45	16	7.6	5.8	6.3	6.8	7.3	7.6	3.75
	18	8.2	4.7	5.3	5.8	6.3	6.9	3.89
	19.5	8.5	4.2	4.7	5.2	5.8	6.3	3.96
	22	9.2	3.0	3.5	4.1	4.6	5.1	4.10

*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 :	3844	WATTS
NOM. SYSTEM AMPS :	17.7	AMPS

Performance Data Cooling English Units

TTK536KBOOB WITH MCX536EB 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	33.9	24.4	26.5	28.5	30.5	31.7	3.28
	65	36.6	20.2	22.3	24.3	26.4	28.5	3.42
	67	38.0	18.0	20.1	22.2	24.2	26.3	3.48
	71	40.9	13.4	15.6	17.6	19.7	21.8	3.63
95	61	33.0	24.0	26.0	28.2	29.9	31.6	3.56
	65	35.6	19.8	21.8	23.9	26.0	28.1	3.71
	67	36.9	17.5	19.6	21.7	23.8	25.9	3.78
	71	39.7	13.1	15.1	17.2	19.2	21.4	3.93
105	61	31.6	23.1	25.2	27.2	28.8	30.5	3.88
	65	34.2	19.0	21.0	23.1	25.1	27.2	4.03
	67	35.5	16.8	18.8	20.9	22.9	25.0	4.11
	71	38.1	14.4	14.4	16.4	18.6	20.6	4.27
115	61	30.3	22.5	24.5	26.3	28.0	29.5	4.20
	65	32.7	18.3	20.4	22.4	24.5	26.5	4.36
	67	33.9	16.1	18.2	20.2	22.3	24.3	4.44
	71	36.5	11.7	13.7	15.7	17.8	19.9	4.60

*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 :	36.9	MBH
AIRFLOW :	915	CFM
SYSTEM POWER :	4255	WATTS
NOM. SYSTEM AMPS :	20.5	AMPS

TTK536KDOOB WITH MCX536EB AT 915 CFM
GROSS CAPACITY IN BTU/H x 1000

OUTDOOR D.B.	I.D. W.B.	GROSS CAP.	SENS. 72	CAP.AT 74	ENTERING 76	D.B. 78	TEMP. 80	COMPR. KW
85	61	33.9	24.4	26.5	28.5	30.5	31.7	3.28
	65	36.6	20.2	22.3	24.3	26.4	28.5	3.42
	67	38.0	18.0	20.1	22.2	24.2	26.3	3.48
	71	40.9	13.4	15.6	17.6	19.7	21.8	3.63
95	61	33.0	24.0	26.0	28.2	29.9	31.6	3.56
	65	35.6	19.8	21.8	23.9	26.0	28.1	3.71
	67	36.9	17.5	19.6	21.7	23.8	25.9	3.78
	71	39.7	13.1	15.1	17.2	19.2	21.4	3.93
105	61	31.6	23.1	25.2	27.2	28.8	30.5	3.88
	65	34.2	19.0	21.0	23.1	25.1	27.2	4.03
	67	35.5	16.8	18.8	20.9	22.9	25.0	4.11
	71	38.1	14.4	14.4	16.4	18.6	20.6	4.27
115	61	30.3	22.5	24.5	26.3	28.0	29.5	4.20
	65	32.7	18.3	20.4	22.4	24.5	26.5	4.36
	67	33.9	16.1	18.2	20.2	22.3	24.3	4.44
	71	36.5	11.7	13.7	15.7	17.8	19.9	4.60

*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 :	36.9	MBH
AIRFLOW :	915	CFM
SYSTEM POWER :	4255	WATTS
NOM. SYSTEM AMPS :	9.1	AMPS

Performance Data Cooling Metric Units

TTK536KBOOB WITH MCX536EB 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	7.1	7.8	8.4	8.9	9.3	3.28
	18	10.7	5.9	6.5	7.1	7.7	8.3	3.42
	19.5	11.1	5.3	5.9	6.5	7.1	7.7	3.48
	22	12.0	3.9	4.6	5.1	5.8	6.4	3.63
35	16	9.7	7.0	7.6	8.3	8.8	9.3	3.56
	18	10.4	5.8	6.4	7.0	7.6	8.2	3.71
	19.5	10.8	5.1	5.8	6.4	7.0	7.6	3.78
	22	11.6	3.8	4.4	5.0	5.6	6.3	3.93
40	16	9.3	6.8	7.4	8.0	8.4	8.9	3.88
	18	10.0	5.6	6.2	6.8	7.4	8.0	4.03
	19.5	10.4	4.9	5.5	6.1	6.7	7.3	4.11
	22	11.2	4.2	4.2	4.8	5.4	6.0	4.27
45	16	8.9	6.6	7.2	7.7	8.2	8.6	4.20
	18	9.6	5.4	6.0	6.6	7.2	7.8	4.36
	19.5	9.9	4.7	5.3	5.9	6.5	7.1	4.44
	22	10.7	3.4	4.0	4.6	5.2	5.8	4.60

*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 :	10.8	KW
AIRFLOW :	1556	CMH
SYSTEM POWER :	4255	WATTS
NOM. SYSTEM AMPS :	20.5	AMPS

TTK536KDOOB WITH MCX536EB 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	7.1	7.8	8.4	8.9	9.3	3.28
	18	10.7	5.9	6.5	7.1	7.7	8.3	3.42
	19.5	11.1	5.3	5.9	6.5	7.1	7.7	3.48
	22	12.0	3.9	4.6	5.1	5.8	6.4	3.63
35	16	9.7	7.0	7.6	8.3	8.8	9.3	3.56
	18	10.4	5.8	6.4	7.0	7.6	8.2	3.71
	19.5	10.8	5.1	5.8	6.4	7.0	7.6	3.78
	22	11.6	3.8	4.4	5.0	5.6	6.3	3.93
40	16	9.3	6.8	7.4	8.0	8.4	8.9	3.88
	18	10.0	5.6	6.2	6.8	7.4	8.0	4.03
	19.5	10.4	4.9	5.5	6.1	6.7	7.3	4.11
	22	11.2	4.2	4.2	4.8	5.4	6.0	4.27
45	16	8.9	6.6	7.2	7.7	8.2	8.6	4.20
	18	9.6	5.4	6.0	6.6	7.2	7.8	4.36
	19.5	9.9	4.7	5.3	5.9	6.5	7.1	4.44
	22	10.7	3.4	4.0	4.6	5.2	5.8	4.60

*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 :	10.8	KW
AIRFLOW :	1556	CMH
SYSTEM POWER :	4255	WATTS
NOM. SYSTEM AMPS :	9.1	AMPS

Performance Data Cooling English Units

TTK042KDOOA WITH MCX042EBOWA
AT 1200 CMH
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
85	61	38.7	26.1	28.4	30.6	32.7	33.9	3.65
	65	41.8	21.6	23.9	26.1	28.3	30.5	3.80
	67	43.4	19.3	21.5	23.7	25.9	28.2	3.87
	71	46.6	14.4	16.7	18.8	21.2	23.3	4.03
95	61	37.6	25.8	27.9	30.2	32.0	33.9	3.96
	65	40.6	21.2	23.4	25.7	27.8	30.1	4.12
	67	42.1	18.8	21.1	23.3	25.5	27.7	4.20
	71	45.3	14.0	16.2	18.5	20.6	23.0	4.36
105	61	36.1	24.8	27.0	29.1	30.9	32.7	4.31
	65	39.0	20.3	22.5	24.8	26.9	29.2	4.48
	67	40.5	18.0	20.1	22.4	24.6	26.8	4.56
	71	43.4	15.4	15.5	17.6	19.9	22.0	4.74
115	61	34.5	24.1	26.2	28.2	30.0	31.6	4.67
	65	37.3	19.6	21.8	24.0	26.2	28.4	4.85
	67	38.7	17.2	19.5	21.6	23.9	26.0	4.93
	71	41.6	12.5	14.7	16.9	19.1	21.3	5.11

*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 :	42.1	MBH
AIRFLOW :	1200	CFM
SYSTEM POWER :	4715	WATTS
NOM. SYSTEM AMPS :	9.9	AMPS

NET EER (BTU/W-HR) : 8.7

Performance Data Cooling Metric Units

TTK042KDOOA WITH MCX042EBOWA
AT 2040 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	11.3	7.7	8.3	9.0	9.6	9.9	3.65
	18	12.2	6.3	7.0	7.6	8.3	8.9	3.80
	19.5	12.7	5.6	6.3	7.0	7.6	8.3	3.87
	22	13.7	4.2	4.9	5.5	6.2	6.8	4.03
35	16	11.0	7.5	8.2	8.8	9.4	9.9	3.96
	18	11.9	6.2	6.8	7.5	8.2	8.8	4.12
	19.5	12.3	5.5	6.2	6.8	7.5	8.1	4.20
	22	13.3	4.1	4.7	5.4	6.0	6.7	4.36
40	16	10.6	7.3	7.9	8.5	9.1	9.6	4.31
	18	11.4	6.0	6.6	7.3	7.9	8.5	4.48
	19.5	11.9	5.3	5.9	6.6	7.2	7.9	4.56
	22	12.7	4.5	4.5	5.2	5.8	6.5	4.74
45	16	10.1	7.1	7.7	8.3	8.8	9.3	4.67
	18	10.9	5.7	6.4	7.0	7.7	8.3	4.85
	19.5	11.3	5.0	5.7	6.3	7.0	7.6	4.96
	22	12.2	3.7	4.3	4.9	5.6	6.2	5.11

*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 :	12.3	KW
AIRFLOW :	2040	CMH
SYSTEM POWER :	4715	WATTS
NOM. SYSTEM AMPS :	9.9	AMPS

Performance Data Cooling English Units

TTK048KDOOA WITH MCX048EBOWA
AT 1200 CMH
GROSS CAPACITY IN KILOWATTS

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	44.3	28.2	30.7	33.0	35.3	36.6	4.23
	65	47.9	23.3	25.8	28.2	30.6	32.9	4.40
	67	49.7	20.8	23.2	25.6	28.0	30.4	4.49
	71	53.4	15.5	18.0	20.3	22.8	25.2	4.67
95	61	43.1	27.8	30.1	32.6	34.6	36.6	4.59
	65	46.5	22.9	25.2	27.7	30.0	32.5	4.77
	67	48.2	20.3	22.7	25.1	27.5	29.9	4.87
	71	51.8	15.1	17.5	19.9	22.3	24.8	5.06
105	61	41.3	26.8	29.2	31.4	33.3	35.3	5.00
	65	44.7	21.9	24.3	26.7	29.1	31.5	5.19
	67	46.4	19.4	21.7	24.2	26.5	28.9	5.29
	71	49.7	16.6	16.7	19.0	21.5	23.8	5.50
115	61	39.6	26.0	28.3	30.4	32.4	34.1	5.41
	65	42.7	21.1	23.6	25.9	28.3	30.6	5.62
	67	44.3	18.6	21.1	23.3	25.8	28.1	5.72
	71	47.7	13.5	15.8	18.2	20.6	23.0	5.92

*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 :	48.2	MBH
AIRFLOW :	1200	CFM
SYSTEM POWER :	5375	WATTS
NOM. SYSTEM AMPS :	10.4	AMPS

NET EER (BTU/W-HR) : 8.8

Performance Data Cooling Metric Units

TTK048KDOOA WITH MCX048EBOWA
AT 2040 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	13.0	8.3	9.0	9.7	10.3	10.7	4.23
	18	14.0	6.8	7.6	8.2	9.0	9.6	4.40
	19.5	14.6	6.1	6.8	7.5	8.2	8.9	4.49
	22	15.6	4.6	5.3	6.0	6.7	7.4	4.67
35	16	12.6	8.1	8.8	9.5	10.1	10.7	4.59
	18	13.6	6.7	7.4	8.1	8.8	9.5	4.77
	19.5	14.1	5.9	6.7	7.4	8.1	8.8	4.87
	22	15.2	4.4	5.1	5.8	6.5	7.3	5.06
40	16	12.1	7.8	8.5	9.2	9.8	10.3	5.00
	18	13.1	6.4	7.1	7.8	8.5	9.2	5.19
	19.5	13.6	5.7	6.4	7.1	7.8	8.5	5.29
	22	14.6	4.9	4.9	5.6	6.3	7.0	5.50
45	16	11.6	7.6	8.3	8.9	9.5	10.0	5.41
	18	12.5	6.2	6.9	7.6	8.3	9.0	5.62
	19.5	13.0	5.4	6.2	6.8	7.6	8.2	5.72
	22	14.0	4.0	4.6	5.3	6.0	6.7	5.92

*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 :	14.1	KW
AIRFLOW :	2040	CMH
SYSTEM POWER :	5375	WATTS
NOM. SYSTEM AMPS :	10.4	AMPS

Performance Data Cooling

English Units

TTK060KDOOA WITH MCX060EBOWA
AT 1350 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	51.5	32.2	35.1	37.7	40.3	41.9	5.41
	65	55.6	26.7	29.5	32.2	35.0	37.7	5.64
	67	57.7	23.8	26.5	29.3	32.0	34.8	5.74
	71	62.0	17.8	20.6	23.2	26.1	28.8	5.98
95	61	50.1	31.8	34.5	37.3	39.6	41.9	5.87
	65	54.0	26.2	28.9	31.7	34.4	37.1	6.11
	67	56.0	23.2	26.0	28.7	31.5	34.2	6.24
	71	60.2	17.3	20.0	22.8	25.5	28.4	6.48
105	61	48.0	30.6	33.3	35.9	38.1	40.3	6.40
	65	51.9	25.1	27.8	30.6	33.2	36.0	6.65
	67	53.9	22.2	24.9	27.6	30.3	33.1	6.77
	71	57.8	19.0	19.1	21.7	24.5	27.2	7.04
115	61	46.0	29.8	32.4	34.8	37.1	39.0	6.93
	65	49.6	24.2	26.9	29.6	32.4	35.0	7.20
	67	51.5	21.2	24.1	26.7	29.5	32.1	7.32
	71	55.4	15.5	18.1	20.8	23.6	26.3	7.58

*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 :	56.0	MBH
AIRFLOW :	1350	CFM
SYSTEM POWER :	6755	WATTS
NOM. SYSTEM AMPS :	12.7	AMPS

NET EER (BTU/W-HR) : 8.1

Performance Data Cooling Metric Units

TTK060KDOOA WITH MCX060EBOWA
AT 2295 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	15.1	9.4	10.5	11.1	11.8	12.3	5.41
	18	16.3	7.8	8.6	9.4	10.3	11.0	5.64
	19.5	16.9	7.0	7.8	8.6	9.4	10.2	5.74
	22	18.2	5.2	6.0	6.8	7.7	8.4	5.98
35	16	14.7	9.3	10.1	10.9	11.6	12.3	5.87
	18	15.8	7.7	8.5	9.3	10.1	10.9	6.11
	19.5	16.4	6.8	7.6	8.4	9.2	10.0	6.24
	22	17.6	5.1	5.9	6.7	7.5	8.3	6.48
40	16	14.1	9.0	9.8	10.5	11.2	11.8	6.40
	18	15.2	7.4	8.1	9.0	9.7	10.6	6.65
	19.5	15.8	6.5	7.3	8.1	8.9	9.7	6.77
	22	16.9	5.6	5.6	6.4	7.2	8.0	7.04
45	16	13.5	8.7	9.5	10.2	10.9	11.4	6.93
	18	14.5	7.1	7.9	8.7	9.5	10.3	7.20
	19.5	15.1	6.2	7.1	7.8	8.6	9.4	7.32
	22	16.2	4.5	5.3	6.1	6.9	7.7	7.58

*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 :	16.4	KW
AIRFLOW :	2295	CMH
SYSTEM POWER :	6755	WATTS
NOM. SYSTEM AMPS :	12.7	AMPS

Performance Data Cooling English Units

TTB510CA WITH MCX512EB AT 400 CFM

O.D D.B.	I.D. W.B.	TOT CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	AAP. DEW PT.
85	59	11.6	9.5	10.2	10.9	11.6*	11.9*	0.92	46.4
	63	12.5	8.2	8.9	9.6	10.3	11.0	0.94	50.4
	67	13.5	6.7	7.4	8.1	8.8	9.5	0.97	54.3
	71	14.6	5.2	5.9	6.6	7.3	8.0	1.00	58.3
90	59	11.6	9.5	10.2	10.9	11.6*	11.9*	0.97	46.3
	63	12.6	8.2	8.9	9.6	10.3	11.0	0.99	50.4
	67	13.6	6.7	7.4	8.1	8.8	9.5	1.02	54.3
	71	14.6	5.2	5.9	6.6	7.3	8.0	1.05	58.3
95	59	11.6	9.5	10.2	10.9	11.6*	11.9*	10.02	46.3
	63	12.6	8.2	8.9	9.6	10.3	11.0	1.04	50.3
	67	13.6	6.7	7.4	8.1	8.8	9.5	1.07	54.2
	71	14.7	5.2	5.9	6.6	7.3	8.0	1.10	58.2
100	59	11.3	9.4	10.1	10.8	11.4*	11.7*	1.05	47.2
	63	12.3	8.1	8.8	9.5	10.2	10.9	1.08	50.8
	67	13.3	6.6	7.3	8.0	8.7	9.4	1.10	54.7
	71	14.3	5.1	5.8	6.5	7.2	7.9	1.13	58.8
105	59	11.0	9.3	10.0	10.7	11.2*	11.5*	1.09	47.6
	63	11.9	7.9	8.6	9.3	10.0	10.7	1.11	51.3
	67	12.9	6.5	7.2	7.9	8.6	9.3	1.14	55.3
	71	13.9	4.9	5.6	6.3	7.0	7.7	1.16	59.3
115	59	10.4	9.0	9.7	10.4	10.7*	11.0*	1.16	48.6
	63	11.3	7.7	8.4	9.1	9.8	10.5	1.18	52.3
	67	12.2	6.2	6.9	7.6	8.3	9.0	1.20	56.2
	71	13.2	4.7	5.4	6.1	6.8	7.5	1.22	60.3
120	59	10.1	8.8	9.5	10.2*	10.5*	10.7*	1.19	49.0
	63	11.0	7.5	8.2	8.9	9.6	10.3	1.21	52.7
	67	11.9	6.0	6.7	7.4	8.1	8.8	1.23	56.7
	71	12.8	4.5	5.2	5.9	6.6	7.3	1.25	60.8

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 13600 BTUH
AIRFLOW = 400 CFM
APP. DEW PT.= 54.2 DEG.F
COMPRESSOR POWER = 1072 WATTS
I.D. FAN POWER = 75 WATTS
O.D. FAN POWER = 130 WATTS
S.E.E.R. = 9.96 BTUH/WATT
E.E.R. = 10.65 BTUH/WATT

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

Performance Data Cooling Metric Units

TTB510CA WITH MCX512EB 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	3.3	3.4	3.4	3.4	3.2	3.1
	Sensible kW	2.6	2.7	2.7	2.7	2.6	2.5
	SHR (%)	80	79	79	79	80	82
	Compressor kW	0.8	0.9	1.0	1.0	1.1	1.1
24.0/17.0	Capacity kW	3.6	3.6	3.6	3.7	3.5	3.3
	Sensible kW	2.7	2.8	2.8	2.8	2.7	2.6
	SHR (%)	77	76	76	76	77	79
	Compressor kW	0.9	0.9	1.0	1.0	1.1	1.2
29.0/21.0	Capacity kW	3.8	3.9	3.9	3.9	3.7	3.6
	Sensible kW	2.8	2.8	2.8	2.8	2.7	2.7
	SHR (%)	72	72	72	72	73	75
	Compressor kW	0.9	1.0	1.0	1.1	1.1	1.2

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 6398 KW
AIRFLOW = 0.19 CMS
AIRFLOW = 400. CFM
APP. DEW PT. = 12.4 DEG. C
COMPRESSOR POWER = 1072 WATTS
I.D. FAN POWER = 75 WATTS
O.D. FAN POWER = 130 WATTS
COP = 3.12
EER = 10.65 BTU/WATT

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

Performance Data Cooling

English Units

TTB515CA WITH MCX518EB AT 475 CFM

O.D D.B.	I.D. W.B.	TOT CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	AAP. DEW PT.
85	59	13.4	12.0	12.9	13.6*	14.0*	14.3*	1.01	48.6
	63	14.6	10.2	11.1	12.1	13.0	14.0	1.05	52.3
	67	15.8	8.2	9.2	10.1	11.0	12.0	1.09	56.4
	71	17.0	6.2	7.1	8.1	9.0	10.0	1.13	60.5
90	59	13.4	11.9	12.9	13.5*	13.9*	14.3*	1.06	48.6
	63	14.5	10.2	11.1	12.0	13.0	13.9	1.10	52.4
	67	15.7	8.2	9.1	10.1	11.0	11.9	1.14	56.4
	71	16.9	6.2	7.1	8.0	9.0	9.9	1.19	60.6
95	59	13.3	11.9	12.9	13.5*	13.9*	14.2*	1.11	48.7
	63	14.4	10.1	11.1	12.0	13.0	13.9	1.15	52.5
	67	15.6	8.2	9.1	10.0	11.0	11.9	1.20	56.5
	71	16.8	6.1	7.1	8.0	8.9	9.9	1.24	60.7
100	59	12.9	11.7	12.7	13.1*	13.5*	13.9*	1.16	49.2
	63	14.0	9.9	10.9	11.8	12.7	13.7	1.20	53.0
	67	15.1	7.9	8.9	9.8	10.8	11.7	1.24	57.0
	71	16.3	5.9	6.9	7.8	8.7	9.7	1.29	61.2
105	59	12.5	11.5	12.5	12.8*	13.2*	13.5*	1.20	49*7
	63	13.5	9.7	10.7	11.6	12.5	13.5	1.24	53.4
	67	14.6	7.7	8.7	9.6	10.6	11.5	1.28	57.5
	71	15.7	5.7	6.7	7.6	8.5	9.5	1.33	61.7
115	59	11.6	11.1	11.8*	12.1*	12.4*	12.7*	1.29	50.6
	63	12.6	9.3	10.3	11.2	12.1	12.7*	1.33	54.4
	67	13.6	7.3	8.3	9.2	10.1	11.1	1.37	58.5
	71	14.6	5.3	6.2	7.2	8.1	9.1	1.41	62.7
120	59	11.2	10.9	11.4*	11.7*	12.1*	12.4*	1.34	51.0
	63	12.1	9.1	10.1	11.0	11.9	12.4*	1.38	54.8
	67	13.1	7.1	8.1	9.0	9.9	10.9	1.41	59.0
	71	14.1	5.1	6.0	7.0	7.9	8.8	1.45	63.2

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 15600 BTUH
AIRFLOW = 475 CFM
APP. DEW PT.= 56.5 DEG.F
COMPRESSOR POWER = 1198 WATTS
I.D. FAN POWER = 90 WATTS
O.D. FAN POWER = 130 WATTS
S.E.E.R. = 10.36 BTUH/WATT
E.E.R. = 11.00 BTUH/WATT

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

Performance Data
Cooling Metric Units

TTB515CA WITH MCX518EB AT 0.22 CMS (475 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	3.9	3.9	3.9	3.9	3.7	3.4
	Sensible kW	3.3	3.4	3.3	3.3	3.2	3.1
	SHR (%)	85	85	85	86	88	91
	Compressor kW	0.9	1.0	1.1	1.1	1.2	1.3
24.0/17.0	Capacity kW	4.2	4.2	4.2	4.2	3.9	3.7
	Sensible kW	3.5	3.5	3.5	3.5	3.3	3.2
	SHR (%)	82	82	82	83	85	88
	Compressor kW	1.0	1.0	1.1	1.2	1.2	1.3
29.0/21.0	Capacity kW	4.5	4.5	4.5	4.5	4.2	4.0
	Sensible kW	3.5	3.5	3.5	3.5	3.4	3.3
	SHR (%)	78	78	78	78	81	84
	Compressor kW	1.0	1.1	1.1	1.2	1.3	1.3

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 4.56 KW
AIRFLOW = 0.22 CMS
AIRFLOW = 475. CFM
APP. DEW PT. = 13.6 DEG. C
COMPRESSOR POWER = 1198 WATTS
I.D. FAN POWER = 90 WATTS
O.D. FAN POWER = 130 WATTS
COP = 3.22
EER = 10.00 BTU/WATT

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

Performance Data Cooling English Units

TTB520CA WITH MCX518EB AT 475 CFM

O.D D.B.	I.D. W.B.	TOT CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	AAP. DEW PT.
85	59	15.7	13.0	14.0	14.9	15.8*	16.2*	1.36	46.4
	63	17.1	11.3	12.2	13.1	14.1	15.0	1.41	50.6
	67	18.5	9.3	10.3	11.2	12.1	13.1	1.46	54.5
	71	19.9	7.3	8.2	9.2	10.1	11.1	1.51	58.6
90	59	15.7	13.0	13.9	14.9	15.8*	16.2*	1.42	46.5
	63	17.0	11.3	12.2	13.1	14.1	15.0	1.47	50.6
	67	18.4	9.3	10.2	11.2	12.1	13.0	1.52	54.6
	71	19.9	7.3	8.2	9.2	10.1	11.0	1.58	58.6
95	59	15.7	13.0	13.9	14.9	15.7*	16.1*	1.49	46.5
	63	17.0	11.3	12.2	13.1	14.1	15.0	1.54	50.6
	67	18.4	9.3	10.2	11.2	12.1	13.0	1.59	54.6
	71	19.8	7.3	8.2	9.2	10.1	11.0	1.65	58.7
100	59	15.2	12.8	13.7	14.6	15.4*	15.8*	1.54	47.2
	63	16.5	11.0	12.0	12.9	13.8	14.8	1.59	51.2
	67	17.9	9.1	10.0	10.9	11.9	12.8	1.64	55.2
	71	19.2	7.1	8.0	8.9	9.9	10.8	1.69	59.3
105	59	14.8	12.6	13.5	14.4	15.0*	15.4*	1.58	48.0
	63	16.0	10.8	11.7	12.7	13.6	14.5	1.63	51.7
	67	17.3	8.8	9.8	10.7	11.6	12.6	1.68	55.8
	71	18.7	6.8	7.8	8.7	9.6	10.6	1.73	59.9
115	59	13.9	12.1	13.0	13.9*	14.3*	14.7*	1.68	49.1
	63	15.0	10.3	11.3	12.2	13.2	14.1	1.73	52.8
	67	16.3	8.4	9.3	10.3	11.2	12.1	1.77	56.9
	71	17.5	6.4	7.3	8.2	9.2	10.1	1.82	61.0
120	59	13.4	11.9	12.8	13.5*	13.9*	14.3*	1.73	49.6
	63	14.5	10.1	11.1	12.0	12.9	13.9	1.77	53.4
	67	15.7	8.2	9.1	10.0	11.0	11.9	1.82	57.4
	71	16.9	6.1	7.1	8.0	8.9	9.9	1.86	61.6

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 18400 BTUH
AIRFLOW = 475 CFM
APP. DEW PT.= 54.6 DEG.F
COMPRESSOR POWER = 1592 WATTS
I.D. FAN POWER = 90 WATTS
O.D. FAN POWER = 130 WATTS
S.E.E.R. = 9.63 BTUH/WATT
E.E.R. = 10.15 BTUH/WATT

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

Performance Data Cooling Metric Units

TTB520CA WITH MCX518EB AT 0.22 CMS (475 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	4.6	4.6	4.6	4.6	4.4	4.1
	Sensible kW	3.6	3.7	3.7	3.7	3.5	3.4
	SHR (%)	80	80	80	80	81	83
	Compressor kW	1.3	1.3	1.4	1.5	1.6	1.7
24.0/17.0	Capacity kW	4.9	5.0	5.0	4.9	4.7	4.4
	Sensible kW	3.8	3.8	3.8	3.8	3.7	3.5
	SHR (%)	77	76	76	77	78	80
	Compressor kW	1.3	1.4	1.5	1.5	1.6	1.7
29.0/21.0	Capacity kW	5.3	5.3	5.3	5.3	5.0	4.7
	Sensible kW	3.8	3.8	3.8	3.8	3.7	3.6
	SHR (%)	72	72	72	72	74	76
	Compressor kW	1.3	1.4	1.5	1.6	1.7	1.7

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 5.39 KW
AIRFLOW = 0.22 CMS
AIRFLOW = 475. CFM
APP. DEW PT. = 12.5 DEG. C
COMPRESSOR POWER = 1592 WATTS
I.D. FAN POWER = 90 WATTS
O.D. FAN POWER = 130 WATTS
COP = 2.97
EER = 10.15 BTU/WATT

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

Performance Data Cooling English Units

TTB520CA WITH MCX524EB AT 675 CFM

O.D D.B.	I.D. W.B.	TOT CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	AAP. DEW PT.
	59	21.6	17.7	19.0	20.3	21.6	22.2*	1.90	46.1
85	63	23.4	15.3	16.6	17.9	19.2	20.5	1.97	50.2
	67	25.2	12.6	13.8	15.1	16.4	17.7	2.04	54.2
	71	27.1	9.7	11.0	12.3	13.6	14.9	2.11	58.3
	59	21.5	17.7	19.0	20.2	21.5*	22.0*	2.00	46.3
90	63	23.2	15.2	16.5	17.8	19.1	20.4	2.07	50.3
	67	25.0	12.5	13.8	15.0	16.3	17.6	2.14	54.4
	71	26.9	9.7	10.9	12.2	13.5	14.8	2.21	58.5
	59	21.3	17.6	18.9	20.2	21.4*	21.9*	2.11	46.7
95	63	23.0	15.1	16.4	17.7	19.0	20.3	2.17	50.5
	67	24.8	12.4	13.7	15.0	16.2	17.5	2.24	54.5
	71	26.6	9.6	10.9	12.1	13.4	14.7	2.31	58.7
	59	20.6	17.3	18.5	19.8	20.8*	21.4*	2.19	47.3
100	63	22.3	14.8	16.1	17.4	18.7	20.0	2.25	51.1
	67	24.0	12.0	13.3	14.6	15.9	17.2	2.32	55.1
	71	25.8	9.2	10.5	11.8	13.1	14.4	2.39	59.3
	59	19.9	16.9	18.2	19.5	20.3*	20.8*	2.28	47.9
105	63	21.5	14.5	15.7	17.0	18.3	19.6	2.34	51.7
	67	232	11.7	13.0	14.3	15.6	16.9	2.40	55.8
	71	24.9	8.9	10.2	11.5	12.8	14.0	2.46	59.9
	59	18.6	16.3	17.6	18.7*	19.2*	19.7*	2.45	49.0
115	63	20.0	13.8	15.1	16.4	17.7	19.0	2.50	52.8
	67	21.6	11.0	12.3	13.6	14.9	16.2	2.56	56.9
	71	23.1	8.2	9.5	10.8	12.1	13.4	2.61	61.2
	59	17.9	16.0	17.3	18.1*	18.6*	19.1*	2.54	49.5
120	63	19.3	13.5	14.8	16.1	17.4	18.6	2.59	53.4
	67	20.8	10.7	12.0	13.3	14.6	15.9	2.64	57.5
	71	22.3	7.9	9.2	10.5	11.8	13.1	2.69	61.7

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 24800 BTUH
AIRFLOW = 675 CFM
APP. DEW PT.= 54.5 DEG.F
COMPRESSOR POWER = 2241 WATTS
I.D. FAN POWER = 125 WATTS
O.D. FAN POWER = 165 WATTS
S.E.E.R. = 9.51 BTUH/WATT
E.E.R. = 9.80BTUH/WATT

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

Performance Data Cooling Metric Units

TTB520CA WITH MCX524EB AT 0.32 CMS (675 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	5.2	5.2	5.1	5.1	4.8	4.4
	Sensible kW	4.5	4.5	4.5	4.4	4.3	4.1
	SHR (%)	86	86	87	87	90	93
	Compressor kW	1.3	1.4	1.5	1.5	1.6	1.7
24.0/17.0	Capacity kW	5.6	5.6	5.5	5.4	5.1	4.8
	Sensible kW	4.7	4.6	4.6	4.6	4.4	4.3
	SHR (%)	83	84	84	84	87	90
	Compressor kW	1.3	1.4	1.5	1.6	1.7	1.8
29.0/21.0	Capacity kW	6.0	6.0	5.9	5.8	5.4	5.1
	Sensible kW	4.7	4.7	4.7	4.7	4.6	4.4
	SHR (%)	80	80	80	81	84	87
	Compressor kW	1.4	1.5	1.6	1.6	1.7	1.8

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 5.90 KW
AIRFLOW = 0.32 CMS
AIRFLOW = 675. CFM
APP. DEW PT. = 13.9 DEG. C
COMPRESSOR POWER = 1651 WATTS
I.D. FAN POWER = 125 WATTS
O.D. FAN POWER = 130 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

Performance Data Cooling

English Units

TTB524CA WITH MCX524EB AT 675 CFM

O.D D.B.	I.D. W.B.	TOT CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	AAP. DEW PT.
85	59	17.8	16.1	17.4	18.1*	18.6*	19.0*	1.40	48.7
	63	19.2	13.6	14.9	16.2	17.5	18.8	1.45	52.6
	67	20.6	10.8	12.1	13.4	14.7	16.0	1.51	56.7
	71	22.1	7.9	9.2	10.5	11.8	13.1	1.56	60.9
90	59	17.6	16.0	17.3	18.0*	18.4*	18.9*	1.47	48.9
	63	19.0	13.5	14.8	16.1	17.4	18.7	1.53	52.7
	67	20.4	10.7	12.0	13.3	14.6	15.9	1.58	56.9
	71	21.9	7.8	9.1	10.4	11.7	13.0	1.64	61.1
95	59	17.4	15.9	17.2	17.8*	18.3*	18.7*	1.54	49.0
	63	18.8	13.4	14.7	16.0	17.3	18.6	1.60	52.9
	67	20.2	10.6	11.9	13.2	14.5	15.8	1.65	57.0
	71	21.7	7.7	9.0	10.3	11.7	13.0	1.71	61.2
100	59	16.8	15.6	16.9*	17.3*	17.8*	18.2*	1.60	49.5
	63	18.1	13.1	14.4	15.7	17.0	18.2*	1.65	53.3
	67	19.5	10.3	11.6	12.9	14.2	15.5	1.70	57.5
	71	20.9	7.4	8.8	10.1	11.4	12.7	1.76	61.7
105	59	16.2	15.4	16.3*	16.8*1	7.2*	17.6*	1.65	49.9
	63	17.4	12.8	14.1	15.4	16.7	17.6*	1.70	53.8
	67	18.8	10.0	11.3	12.6	13.9	15.2	1.76	58.0
	71	20.1	7.2	8.5	9.8	11.1	12.4	1.81	62.2
115	59	15.0	14.8	15.3*	15.7*	16.1*	16.5*	1.76	50.9
	63	16.1	12.2	13.6	14.9	16.1*	16.5*	1.81	54.8
	67	17.3	9.4	10.7	12.0	13.4	14.7	1.87	59.0
	71	18.6	6.6	7.9	9.2	10.5	11.8	1.92	63.2
120	59	14.3	14.4*	14.8*	15.2*	15.6*	16.0*	1.82	51.3
	63	15.4	12.0	13.3	14.6	15.6*	16.0*	1.87	55.2
	67	16.6	9.2	10.5	11.8	13.1	14.4	1.92	59.4
	71	17.8	6.3	7.6	8.9	10.2	11.5	1.97	63.7

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 20200 BTUH
AIRFLOW = 675 CFM
APP. DEW PT.= 57.0 DEG.F
COMPRESSOR POWER = 1651 WATTS
I.D. FAN POWER = 125 WATTS
O.D. FAN POWER = 130 WATTS
S.E.E.R. = 10.19 BTUH/WATT
E.E.R. = 10.60 TUH/WATT

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

Performance Data Cooling Metric Units

TTB524CA WITH MCX524EB AT 0.32 CMS (675 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	6.4	6.3	6.3	6.2	5.9	5.5
	Sensible kW	5.0	5.0	5.0	4.9	4.8	4.6
	SHR (%)	79	79	79	79	81	83
	Compressor kW	1.7	1.9	2.0	2.1	2.3	2.4
24.0/17.0	Capacity kW	6.8	6.8	6.8	6.7	6.3	5.9
	Sensible kW	5.2	5.2	5.1	5.1	4.9	4.8
	SHR (%)	76	76	76	76	78	81
	Compressor kW	1.8	1.9	2.1	2.2	2.3	2.5
29.0/21.0	Capacity kW	7.3	7.3	7.2	7.2	6.7	6.3
	Sensible kW	5.2	5.2	5.2	5.2	5.0	4.8
	SHR (%)	72	72	72	72	74	77
	Compressor kW	1.9	2.0	2.1	2.2	2.4	2.5

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 7.27KW
AIRFLOW = 0.32 CMS
AIRFLOW = 675. CFM
APP. DEW PT. = 12.5 DEG. C
COMPRESSOR POWER = 2241 WATTS
I.D. FAN POWER = 125 WATTS
O.D. FAN POWER = 165 WATTS
COP = 2.87
EER = 9.80 BTU/WATT

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

Performance Data Cooling English

TTB530CA WITH MCX536EB AT 915 CFM

O.D D.B.	I.D. W.B.	TOT CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	AAP. DEW PT.
	59	28.1	24.5	26.4	28.2*	28.9*	29.6*	2.10	48.0
85	63	30.2	20.8	22.7	24.6	26.5	28.4	2.17	51.9
	67	32.3	16.7	18.6	20.5	22.4	24.3	2.25	56.1
	71	34.6	12.5	14.4	16.3	18.2	20.1	2.33	60.4
	59	27.9	24.4	26.3	28.0*	28.7*	29.4*	2.21	48.1
90	63	29.9	20.7	22.6	24.5	26.4	28.3	2.28	52.0
	67	32.1	16.6	18.5	20.4	22.3	24.2	2.36	56.2
	71	34.3	12.4	14.3	16.2	18.1	20.0	2.45	60.5
	59	27.6	24.3	26.2	27.8*	28.5*	29.2*	2.31	48.2
95	63	29.7	20.6	22.5	24.4	26.3	28.2	2.39	52.1
	67	31.8	16.5	18.4	20.3	22.2	24.1	2.47	56.3
	71	34.0	12.3	14.2	16.1	18.0	19.9	2.56	60.7
	59	26.7	23.9	25.8	27.1*	27.8*	28.4*	2.40	48.7
100	63	28.7	20.1	22.1	24.0	25.9	27.8	2.48	52.6
	67	30.8	16.0	17.9	19.8	21.8	23.7	2.56	56.8
	71	32.9	11.8	13.8	15.7	17.6	19.5	2.64	61.1
	59	25.9	23.5	25.4	26.3*	27.0*	27.6*	2.49	49.1
105	63	27.8	19.7	21.6	23.5	25.4	27.3	2.56	53.1
	67	29.7	15.6	17.5	19.4	21.3	23.2	2.64	57.3
71	31.8	11.4	13.3	15.2	17.1	19.0	2.73	61.6	
	59	24.1	22.6	24.2*	24.9*	25.5*	26.1*	2.67	50.0
115	63	25.8	18.9	20.8	22.7	24.6	26.1*	2.74	54.0
	67	27.7	14.8	16.7	18.6	20.5	22.4	2.82	58.2
	71	29.6	10.6	12.5	14.4	16.3	18.2	2.89	62.6
	59	23.2	22.2	23.5*	24.1*	24.7*	25.3*	2.76	50.5
120	63	24.9	18.5	20.4	22.3	24.2	25.3*	2.83	54.4
	67	26.7	14.4	16.3	18.2	20.1	22.0	2.90	58.7
	71	28.5	10.2	12.1	14.0	15.9	17.8	2.98	63.0

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 31800 BTUH
AIRFLOW = 915 CFM
APP. DEW PT.= 56.3 DEG.F
COMPRESSOR POWER = 2474 WATTS
I.D. FAN POWER = 170 WATTS
O.D. FAN POWER = 170 WATTS
S.E.E.R. = 10.84 BTUH/WATT
E.E.R. = 11.30 BTUH/WATT

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

Performance Data Cooling Metric Units

TTB530CA WITH MCX536EB 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	8.2	8.2	8.1	8.1	7.6	7.1
	Sensible kW	6.9	6.9	6.8	6.8	6.6	6.4
	SHR (%)	83	84	84	84	86	89
	Compressor kW	1.9	2.1	2.2	2.3	2.5	2.6
24.0/17.0	Capacity kW	8.8	8.8	8.7	8.6	8.1	7.6
	Sensible kW	7.1	7.1	7.0	7.0	6.8	6.6
	SHR (%)	81	81	81	81	84	86
	Compressor kW	2.0	2.1	2.3	2.4	2.5	2.7
29.0/21.0	Capacity kW	9.4	9.3	9.3	9.2	8.6	8.1
	Sensible kW	7.2	7.2	7.2	7.1	6.9	6.7
	SHR (%)	77	77	77	78	80	83
	Compressor kW	2.1	2.2	2.3	2.5	2.6	2.8

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 9.29 KW
AIRFLOW = 0.43 CMS
AIRFLOW = 915. CFM
APP. DEW PT. = 13.5 DEG. C
COMPRESSOR POWER = 2474 WATTS
I.D. FAN POWER = 170 WATTS
O.D. FAN POWER = 170 WATTS
COP = 3.31
EER = 11.30 BTU/WATT

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

Performance Data Cooling English

TTB536CA WITH MCX536EB AT 915 CFM

O.D D.B.	I.D. W.B.	TOT CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	AAP. DEW PT.
85	59	32.7	26.3	28.2	30.1	31.9	33.2*	2.54	45.3
	63	35.2	22.7	24.6	26.5	28.3	30.2	2.64	49.6
	67	37.8	18.7	20.6	22.5	24.3	26.2	2.75	53.7
	71	40.5	14.6	16.5	18.4	20.2	22.1	2.86	58.0
90	59	32.4	26.2	28.0	29.9	31.8	32.9*	2.67	45.5
	63	34.8	22.5	24.4	26.3	28.2	30.0	2.77	49.8
	67	37.4	18.5	20.4	22.3	24.2	26.0	2.88	53.9
	71	40.1	14.4	16.3	18.2	20.2	21.9	2.99	58.2
95	59	32.1	26.0	27.9	29.8	31.6	32.6*	2.80	45.8
	63	34.5	22.4	24.3	26.1	28.0	29.9	2.90	50.0
	67	37.0	18.4	20.2	22.1	24.0	25.9	3.01	54.1
	71	39.6	14.2	16.1	18.0	19.9	21.7	3.12	58.4
100	59	31.1	25.5	27.4	29.3	31.1*	31.9*	2.89	46.7
	63	33.4	21.9	23.8	25.6	27.5	29.4	2.99	50.5
	67	35.8	17.9	19.7	21.6	23.5	25.4	3.09	54.7
	71	38.3	13.7	15.6	17.5	19.4	21.2	3.19	59.0
105	59	30.1	25.1	26.9	28.8	30.3*	31.1*	2.98	47.2
	63	32.3	21.4	23.3	25.2	27.0	28.9	3.07	51.1
	67	34.7	17.4	19.3	21.1	23.0	24.9	3.17	55.3
	71	37.1	13.3	15.1	17.0	18.9	20.8	3.27	59.6
115	59	28.1	24.1	56.0	27.9	28.7*	29.4*	3.16	48.3
	63	30.2	20.5	22.3	24.2	26.1	28.0	3.24	52.2
	67	32.3	16.4	18.3	20.2	22.0	23.9	3.33	56.4
	71	34.5	12.3	14.2	16.0	17.9	19.8	3.41	60.7
120	59	27.1	23.7	25.5	27.2*	27.9*	28.5*	3.25	48.8
	63	29.1	20.0	21.9	23.7	25.6	27.5	3.33	52.7
	67	31.1	15.9	17.8	19.7	21.6	23.4	3.41	57.0
	71	33.3	11.8	13.7	15.6	17.4	19.3	3.49	61.3

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 37000 BTUH
AIRFLOW = 915 CFM
APP. DEW PT.= 54.1 DEG.F
COMPRESSOR POWER = 3008 WATTS
I.D. FAN POWER = 170 WATTS
O.D. FAN POWER = 170 WATTS
S.E.E.R. = 10.74 BTUH/WATT E.E.R. = 11.05 BTUH/WATT

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

Performance Data Cooling Metric Units

TTB536CA WITH MCX536EB 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	9.6	9.6	9.5	9.4	8.8	8.3
	Sensible kW	7.4	7.4	7.4	7.3	7.1	6.8
	SHR (%)	78	78	78	78	80	82
	Compressor kW	2.3	2.5	2.7	2.8	3.0	3.1
24.0/17.0	Capacity kW	10.3	10.2	10.1	10.0	9.4	8.9
	Sensible kW	7.6	7.6	7.6	7.5	7.3	7.0
	SHR (%)	74	75	75	75	77	79
	Compressor kW	2.4	2.6	2.8	2.9	3.0	3.2
29.0/21.0	Capacity kW	11.0	10.9	10.8	10.7	10.1	9.5
	Sensible kW	7.7	7.7	7.7	7.6	7.4	7.1
	SHR (%)	70	71	71	71	73	75
	Compressor kW	2.5	2.7	2.8	3.0	3.1	3.3

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 10.82 KW
AIRFLOW = 0.43 CMS
AIRFLOW = 915. CFM
APP. DEW PT. = 12.3 DEG. C
COMPRESSOR POWER = 3008 WATTS
I.D. FAN POWER = 170 WATTS
O.D. FAN POWER = 170 WATTS
COP = 3.24
EER = 11.05 BTU/WATT

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

Performance Data Cooling English Units

TTA030CDOOA WITH MCX536EB 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	29.4	21.1	23.0	24.7	26.4	27.4	2.32
	65	31.8	17.5	19.3	21.1	22.9	24.7	2.42
	67	33.0	15.6	17.4	19.2	21.0	22.8	2.46
	71	35.4	11.6	13.5	15.2	17.1	18.9	2.56
95	61	28.6	20.8	22.6	24.4	25.9	27.4	2.52
	65	30.8	17.2	18.9	20.8	22.5	24.3	2.62
	67	32.0	15.2	17.0	18.8	20.6	22.4	2.67
	71	34.4	11.3	13.1	14.9	16.7	18.6	2.78
105	61	27.4	20.0	21.8	23.5	25.0	26.4	2.75
	65	29.6	16.4	18.2	20.0	21.8	23.6	2.85
	67	30.8	14.5	16.3	18.1	19.9	21.7	2.90
	71	33.0	12.4	12.5	14.2	16.1	17.8	3.02
115	61	26.3	19.5	21.2	22.8	24.3	25.5	2.97
	65	28.4	15.8	17.6	19.4	21.2	23.0	3.09
	67	29.4	13.9	15.8	17.5	19.3	21.1	3.14
	71	31.6	10.1	11.9	13.6	15.4	17.2	3.25

*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 C

GROSS CAPACITY :	32.0	MBH
AIRFLOW :	915	CFM
SYSTEM POWER :	3157	WATTS
NOM. SYSTEM AMPS :	7.0	AMPS

Performance Data Cooling Metric Units

TTA030CDOOA WITH MCX536EB
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	8.6	6.2	6.7	7.2	7.7	8.0	2.32
	18	9.3	5.1	5.7	6.2	6.7	7.2	2.42
	19.5	9.7	4.6	5.1	5.6	6.1	6.7	2.46
	22	10.4	3.4	4.0	4.5	5.0	5.5	2.56
35	16	8.4	6.1	6.6	7.1	7.6	8.0	2.52
	18	9.0	5.0	5.5	6.1	6.6	7.1	2.62
	19.5	9.4	4.4	5.0	5.5	6.0	6.6	2.67
	22	10.1	3.3	3.8	4.4	4.9	5.4	2.78
40	16	8.0	5.9	6.4	6.9	7.3	7.7	2.75
	18	8.7	4.8	5.3	5.9	6.4	6.9	2.85
	19.5	9.0	4.3	4.8	5.3	5.8	6.4	2.90
	22	9.7	3.6	3.7	4.2	4.7	5.2	3.02
45	16	7.7	5.7	6.2	6.7	7.1	7.5	2.97
	18	8.3	4.6	5.2	5.7	6.2	6.7	3.09
	19.5	8.6	4.1	4.6	5.1	5.7	6.2	3.14
	22	9.3	3.0	3.5	4.0	4.5	5.0	3.25

*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 :	9.4	KW
AIRFLOW :	1556	CMH
SYSTEM POWER :	3157	WATTS
NOM. SYSTEM AMPS :	7.0	AMPS

Performance Data Cooling English Units

TTA040CD WITH MCX042EB
AT 1245 CFM
GROSS CAPACITY IN BTUH

O.D. D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	76	78	80	COMPR. KW
85	59	41.7	33.5	37.0	40.5	42.2*	4.07
	63	44.9	29.0	32.5	36.0	38.4	4.23
	67	48.3	24.0	27.5	31.0	334	4.40
95	59	40.6	33.0	36.5	40.0	41.3*	4.47
	63	43.7	28.5	32.0	35.5	37.8	4.64
	67	47.0	23.5	27.0	30.5	32.8	4.83
105	63	40.9	27.2	30.7	34.2	36.6	4.90
	67	43.8	20.9	24.4	27.9	30.2	5.36
	71	47.0	17.0	20.5	24.0	26.4	2.29
115	63	38.0	25.9	29.4	32.9	35.3	5.16
	67	40.8	20.9	24.4	27.9	30.2	5.36
	71	43.7	15.7	19.2	22.7	25.1	5.65
120	63	36.6	25.3	28.8	32.3	34.6	5.30
	67	39.3	20.3	23.8	27.3	29.6	5.49
	71	42.0	15.1	18.6	22.1	24.4	5.70

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY :47000 BTUH
AIRFLOW = 1245 CFM
APP. DEW PT. = 54.1 DEG. F
COMPRESSOR POWER = 4828 WATTS
I.D. FAN POWER = 187 WATTS
O.D. FAN POWER = 197 WATTS
E.E.R. = 9.20 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

Performance Data Cooling Metric Units

TTA040CD WITH MCX042EB AT 2117 CMH (1245 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	12.1	12.0	11.9	11.7	11.0	10.3
	Sensible kW	9.3	9.3	9.2	9.1	8.8	8.4
	SHR (%)	77	77	77	78	80	82
	Compressor kW	3.8	4.0	4.3	4.5	4.7	4.9
24.0/17.0	Capacity kW	13.0	12.9	12.7	12.5	11.8	1.0
	Sensible kW	9.6	9.5	9.5	9.4	9.0	8.7
	SHR (%)	74	74	75	75	77	79
	Compressor kW	3.9	4.2	4.4	4.6	4.9	5.1
29.0/21.0	Capacity kW	13.9	13.8	13.6	13.4	12.6	11.8
	Sensible kW	9.6	9.6	9.5	9.4	9.1	8.8
	SHR (%)	70	70	70	71	73	75
	Compressor kW	4.0	4.3	4.6	4.8	5.0	5.3

VALUES AT ARI RATING CONDITIONS
TOTAL NET CAPACITY 13.57 KW
AIRFLOW = 0.59 CMS
AIRFLOW = 1245. CFM
APP. DEW PT. = 12.3 DEG. C
COMPRESSOR POWER = 4828 WATTS
I.D. FAN POWER = 187 WATTS
O.D. FAN POWER = 197 WATTS

NOTE : RATED WITH 7.62 METERS OF 11/8 IN. SUCTION AND 3/8 IN. LIQUID LINES

* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ATE VALID ONLY
FOR WET COIL

Performance Data Cooling English Units

TTA050CD WITH MCX048EB
AT 1200 CFM
GROSS CAPACITY IN BTUH/1000

O.D. D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	76	78	80	COMPR. KW
85	59	49.3	36.3	39.9	43.4	45.7	4.67
	63	52.9	31.6	35.1	38.7	41.0	4.84
	67	56.8	26.6	30.1	33.6	36.0	5.00
95	59	48.4	35.9	39.4	42.9	45.3	5.13
	63	52.0	31.2	34.7	38.2	40.6	5.29
	67	55.7	26.1	29.6	33.2	35.5	5.47
105	63	48.9	29.8	33.3	36.8	39.2	5.57
	67	52.4	24.7	28.2	31.8	34.1	5.73
	71	55.9	19.5	23.0	26.6	28.9	5.91
115	63	45.8	28.4	31.9	35.5	37.8	5.84
	67	49.0	23.4	26.9	30.4	32.7	6.00
	71	52.3	18.1	21.7	25.2	27.5	6.16
120	63	44.2	27.8	31.3	34.8	37.1	5.99
	67	47.4	22.7	26.2	2/9.7	32.1	6.13
	71	50.6	17.5	21.0	24.5	26.9	6.29

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY :55700 BTUH
AIRFLOW = 1200 CFM
APP. DEW PT. = 48.7 DEG. F
COMPRESSOR POWER = 45468 WATTS
I.D. FAN POWER = 187 WATTS
O.D. FAN POWER = 202 WATTS
E.E.R. = 9.75 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

TTA050CD WITH MCX048EB AT 2040 CMS (1200 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	14.2	14.3	14.1	14.0	13.2	12.5
	Sensible kW	10.1	10.1	10.1	10.0	9.6	9.2
	SHR (%)	71	71	71	72	73	74
	Compressor kW	0.8	0.9	1.0	1.0	1.1	1.1
24.0/17.0	Capacity kW	15.2	15.2	15.1	14.9	14.1	13.3
	Sensible kW	10.3	10.3	10.2	10.2	9.8	9.5
	SHR (%)	68	68	5.0	5.3	5.5	5.8
29.0/21.0	Capacity kW	16.2	16.2	16.1	15.9	15.0	14.2
	Sensible kW	10.3	10.3	10.3	10.2	9.9	9.5
	SHR (%)	64	64	64	64	66	67
	Compressor kW	4.6	4.9	5.2	5.4	5.7	5.9

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 16.12 KW
AIRFLOW = 0.57 CMS
AIRFLOW = 1200. CFM
APP. DEW PT. = 9.3 DEG. C
COMPRESSOR POWER = 5468 WATTS
I.D. FAN POWER = 187 WATTS
O.D. FAN POWER = 202 WATTS

NOTE : RATED WITH 7.62 METERS OF 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

TTA060CD WITH MCX060EB
AT 1315 CFM
GROSS CAPACITY IN BTUH/1000

O.D. D.B.	I.D. W.B.	GROSS CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	76	78	80	COMPR. KW
85	59	60.1	44.0	47.9	51.9	54.5	6.05
	63	64.7	38.6	42.6	46.5	49.2	6.24
	67	69.5	32.9	36.9	40.9	43.5	6.44
95	59	60.3	44.0	48.0	52.0	54.6	6.75
	63	64.9	38.7	42.7	46.6	49.3	6.95
	67	69.7	33.0	37.0	41.0	43.6	7.15
105	63	61.9	37.2	41.2	45.1	47.8	7.36
	67	66.5	31.6	35.6	39.5	42.2	7.55
	71	71.2	25.8	29.8	33.7	36.4	7.75
115	63	58.8	35.8	39.7	43.7	46.3	7.77
	67	63.2	30.2	34.1	38.1	40.7	7.95
	71	67.7	24.4	28.3	32.3	34.9	8.13
120	63	57.3	35.1	39.0	43.0	45.6	7.99
	67	61.6	29.5	33.4	37.4	40.0	8.15
	71	66.0	23.7	27.7	31.6	34.3	8.32

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY : 69700 BTUH
AIRFLOW = 1315 CFM
APP. DEW PT. = 47.2 DEG. F
COMPRESSOR POWER = 7154 WATTS
I.D. FAN POWER = 187 WATTS
O.D. FAN POWER = 386 WATTS
E.E.R. = 9.30 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

TTA060CD WITH MCX060EB AT 2236 (1315 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	17.1	17.4	17.4	17.5	16.7	16.0
	Sensible kW	12.2	12.3	12.4	12.4	12.0	11.6
	SHR (%)	71	71	71	71	72	72
	Compressor kW	5.5	6.0	6.4	6.8	7.1	7.5
24.0/17.0	Capacity kW	18.3	18.6	18.7	18.7	17.9	17.1
	Sensible kW	12.3	12.5	12.5	12.5	12.1	11.8
	SHR (%)	68	67	67	67	68	69
	Compressor kW	5.7	6.2	6.5	6.9	7.3	7.7
29.0/21.0	Capacity kW	19.5	19.9	19.9	19.9	19.1	18.3
	Sensible kW	12.3	12.4	12.5	12.5	12.1	11.8
	SHR (%)	63	63	63	63	63	65
	Compressor kW	5.8	6.3	6.7	7.1	7.5	7.8

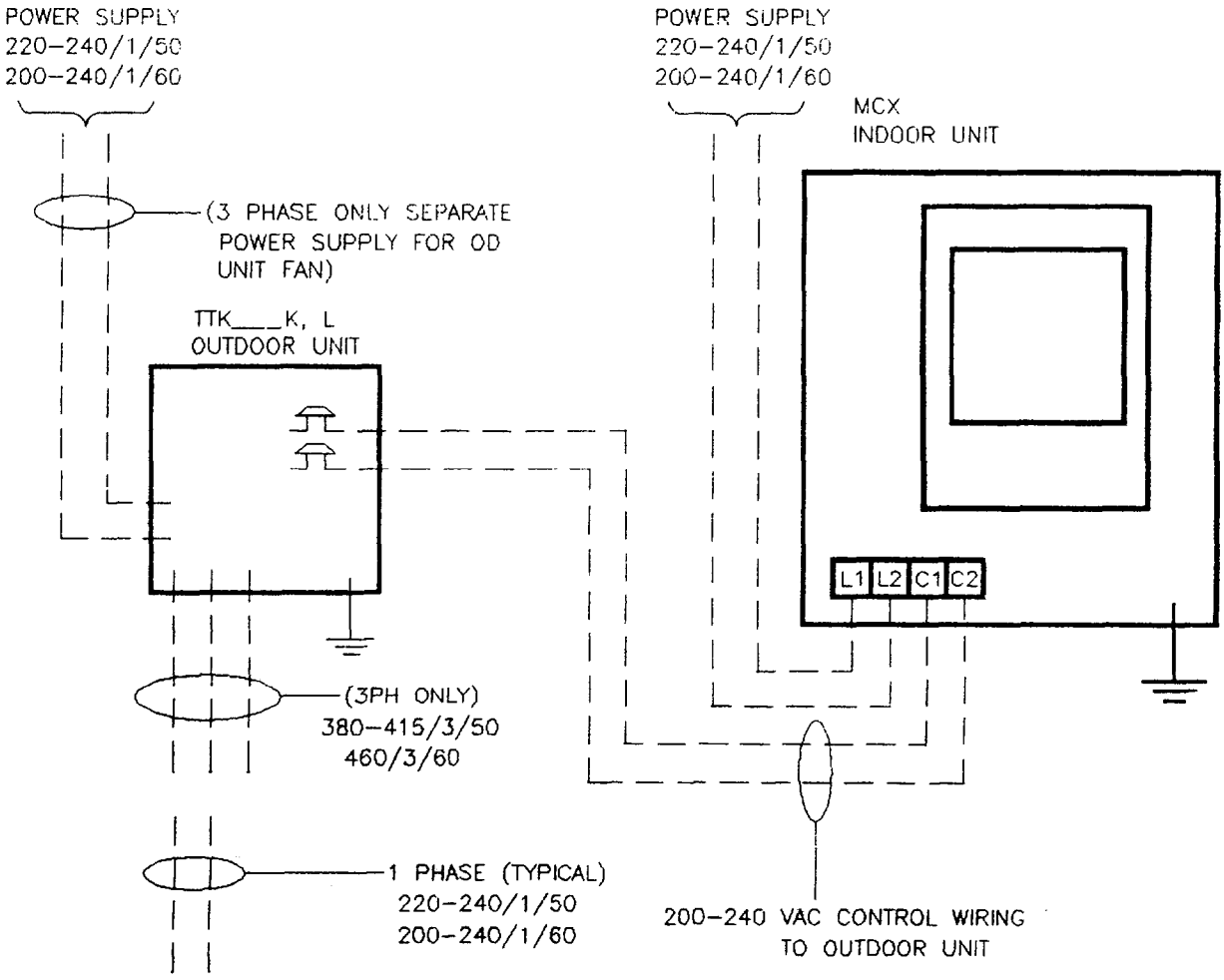
VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 20.23 KW
AIRFLOW = 0.62 CMS
AIRFLOW = 1315. CFM
APP. DEW PT. = 8.4 DEG. C
COMPRESSOR POWER = 7154 WATTS
I.D. FAN POWER = 187 WATTS
O.D. FAN POWER = 386 WATTS

NOTE : RATED WITH 7.62 METERS OF 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.

System Wiring Diagram

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



POWER SUPPLY

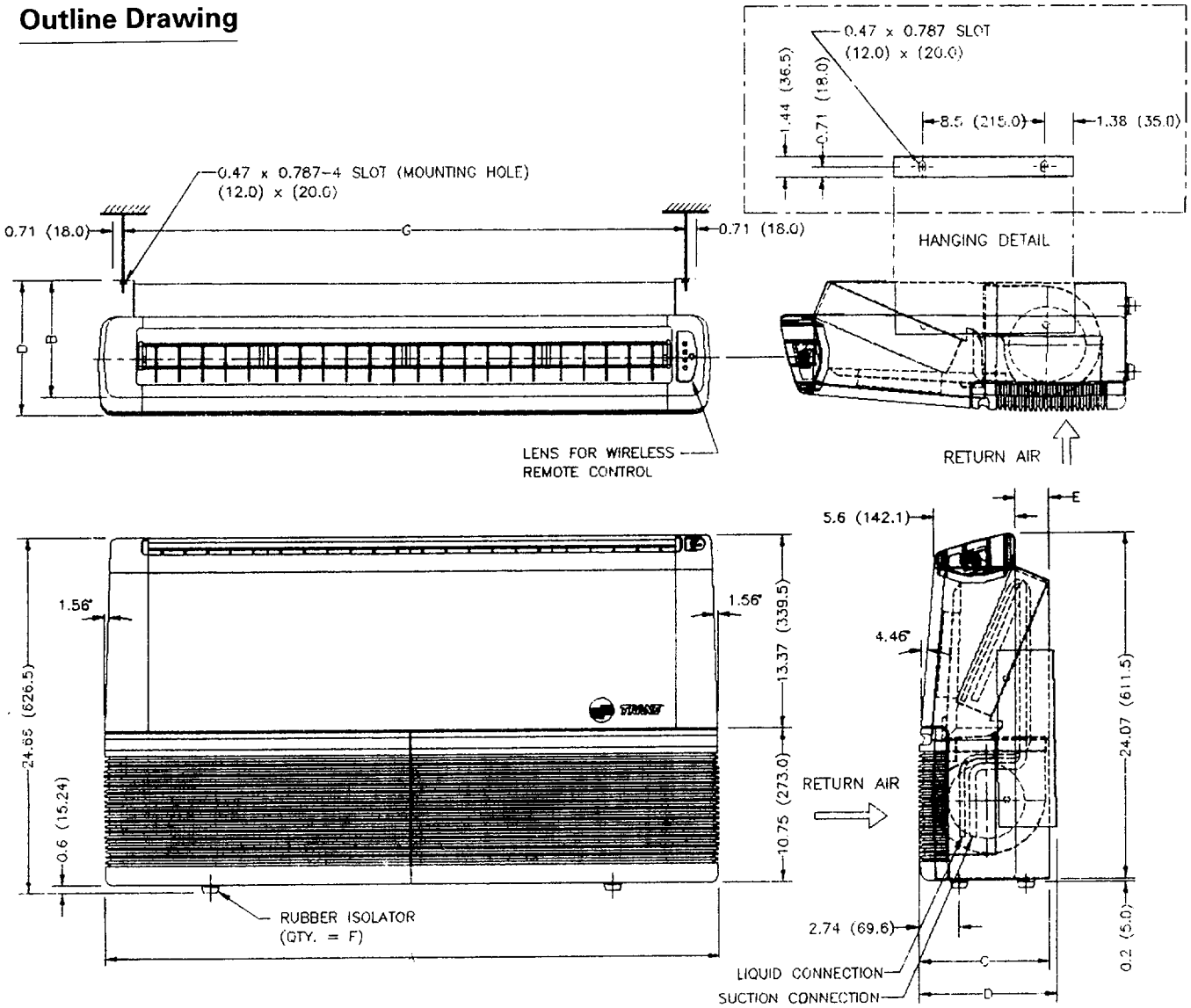
1. POWER WIRING AND GROUNDING OF EQUIPMENT MUST COMPLY WITH LOCAL CODES.
2. INSURE THAT POWER SUPPLY AGREES WITH EQUIPMENT NAMEPLATE.
3. USE COPPER CONDUCTOR ONLY.

Dimensional Data

MCX512-536EB/E1

(ALL Dimensions Are In Inches)

Outline Drawing



DIMENSIONAL DATA

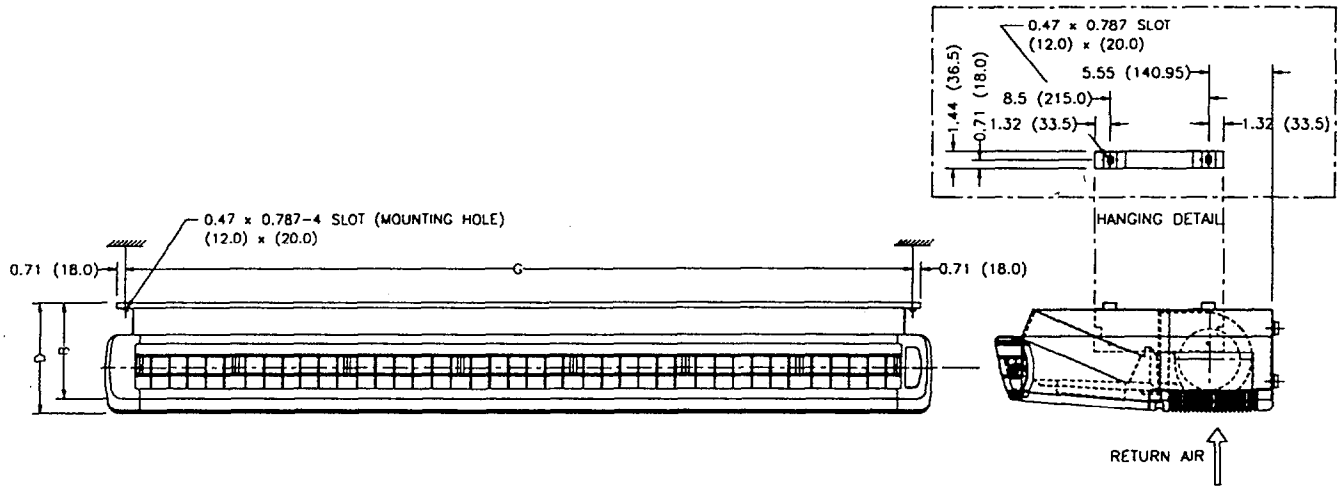
MODEL	CONN. SIZES		A		B		C		D		E		F	G	
	LIQUID	SUCTION	IN.	(MM.)	IN.	(MM.)	IN.	(MM.)	IN.	(MM.)	IN.	(MM.)	EACH	IN.	(MM.)
MCX512,518EB/E1	1/4 (6)	1/2 (13)	42.7	(1085.25)	8.2	(208.0)	9.0	(228.68)	9.6	(242.79)	2.3	(59.0)	4	39.3	(999.0)
MCX524EB/E1	3/8 (10)	5/8 (16)	52.6	(1335.25)	9.2	(233.0)	10.0	(253.68)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

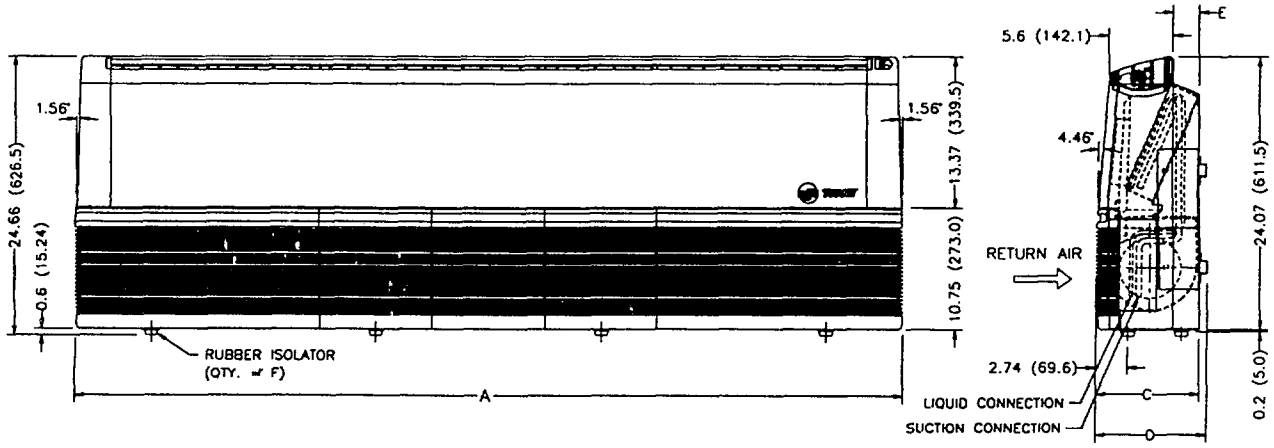
NOTE 1) SUCTION AND LIQUID LINES HAVE FLARE TYPE CONNECTIONS.
2) DIMENSIONS INCHES (MILIMETERS) ; 1 IN. = 25.4 MM.

Dimensional Data

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

Outline Dimensions





DIMENSIONAL DATA

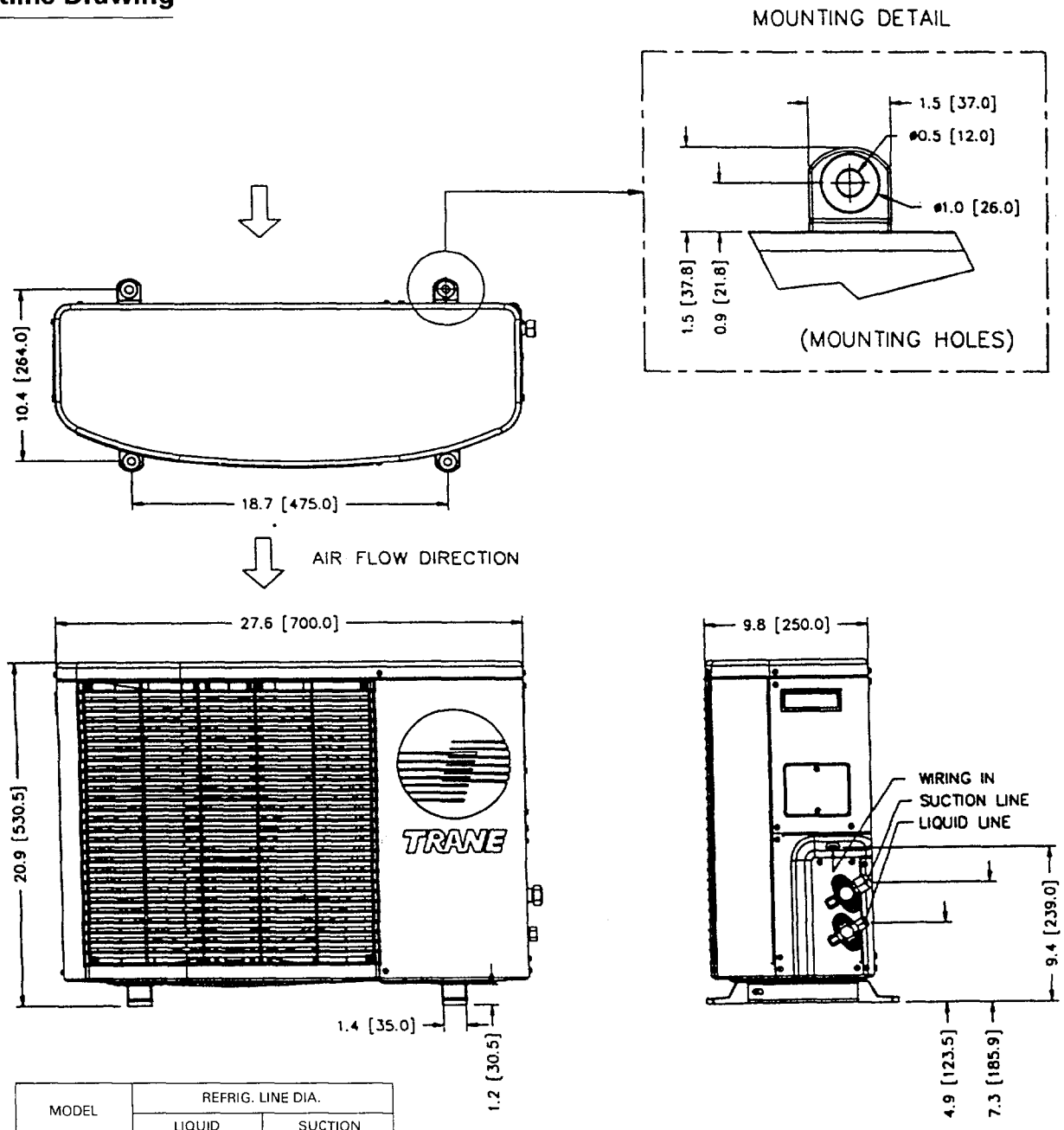
MODEL	CONN. SIZES		A		B		C		D		E		F	G	
	LIQUID	SUCTION	IN.	(MM.)	IN.	(MM.)	IN.	(MM.)	IN.	(MM.)	IN.	(MM.)	EACH	IN.	(MM.)
MCX042/048	3/8 (10)	3/4 (19)	72.3	(1835.25)	9.2	(233.0)	10.0	(253.68)	10.5	(267.79)	3.3	(84.0	8	68.9	(1749.0)
MCX060	3/8 (10)	3/4 (19)	82.1	(2085.25)	9.2	(233.0)	10.0	(253.68)	10.5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

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

Dimensional Data

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

Outline Drawing



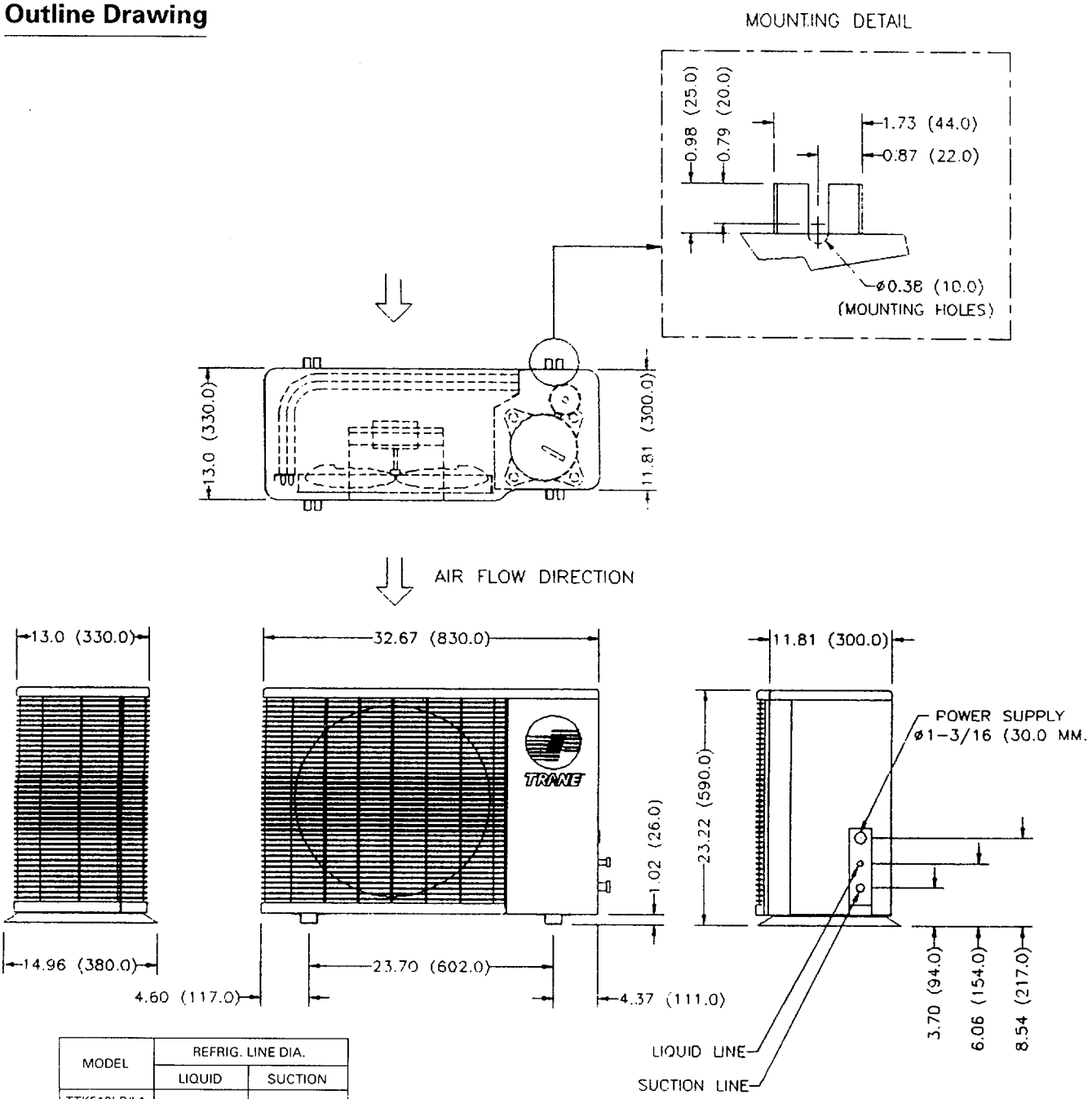
MODEL	REFRIG. LINE DIA.	
	LIQUID	SUCTION
TTK509	1/4" (6.35)	3/8" (9.53)
TTK512	1/4" (6.35)	1/2" (12.70)

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



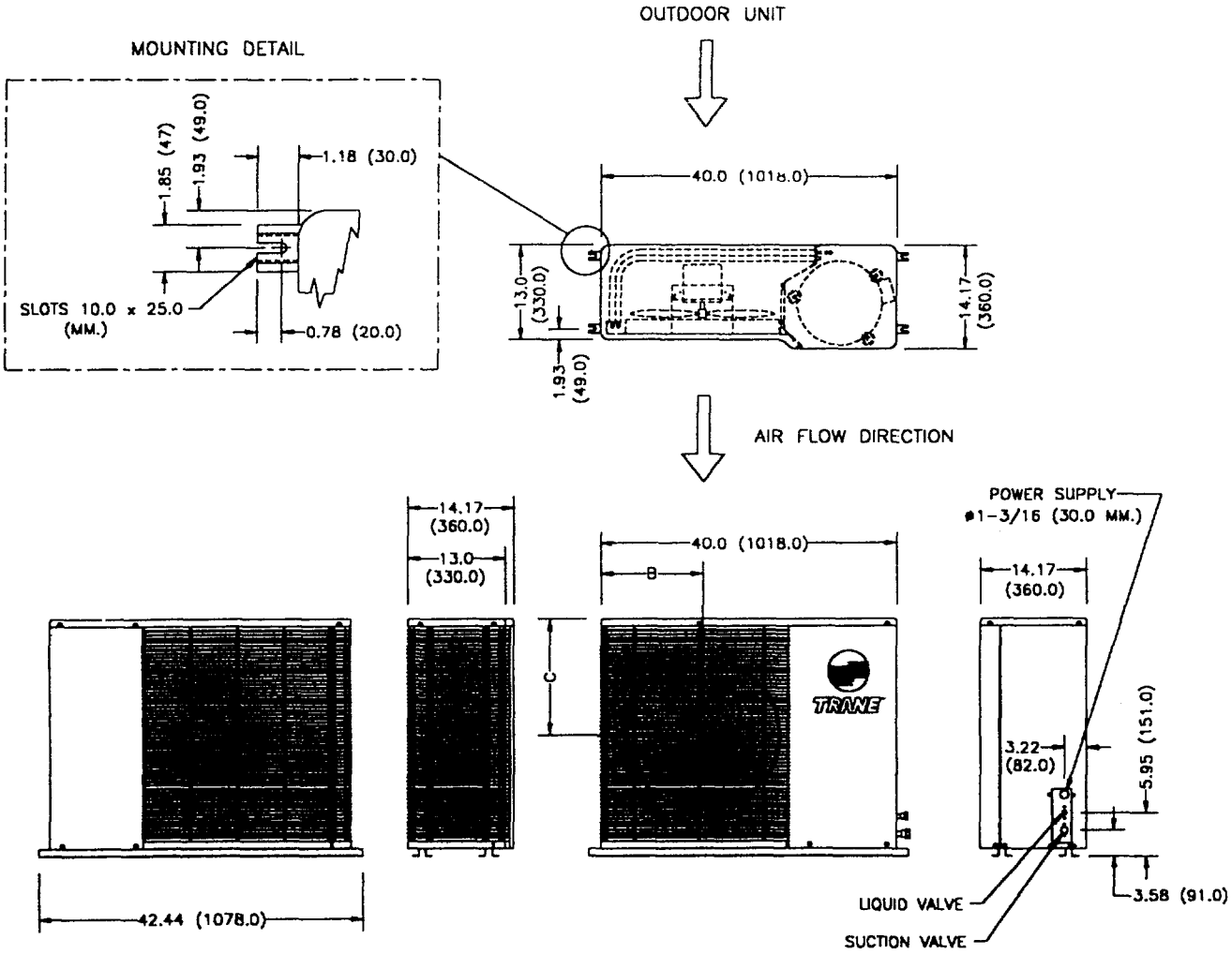
MODEL	REFRIG. LINE DIA.	
	LIQUID	SUCTION
TTK512LB/L1 TTK518LB/L1	1/4 (6)	1/2 (13)
TTK524LB/L1	3/8 (10)	5/8 (16)

NOTE 1) SUCTION AND LIQUID LINES 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



DIMENSIONAL DATA

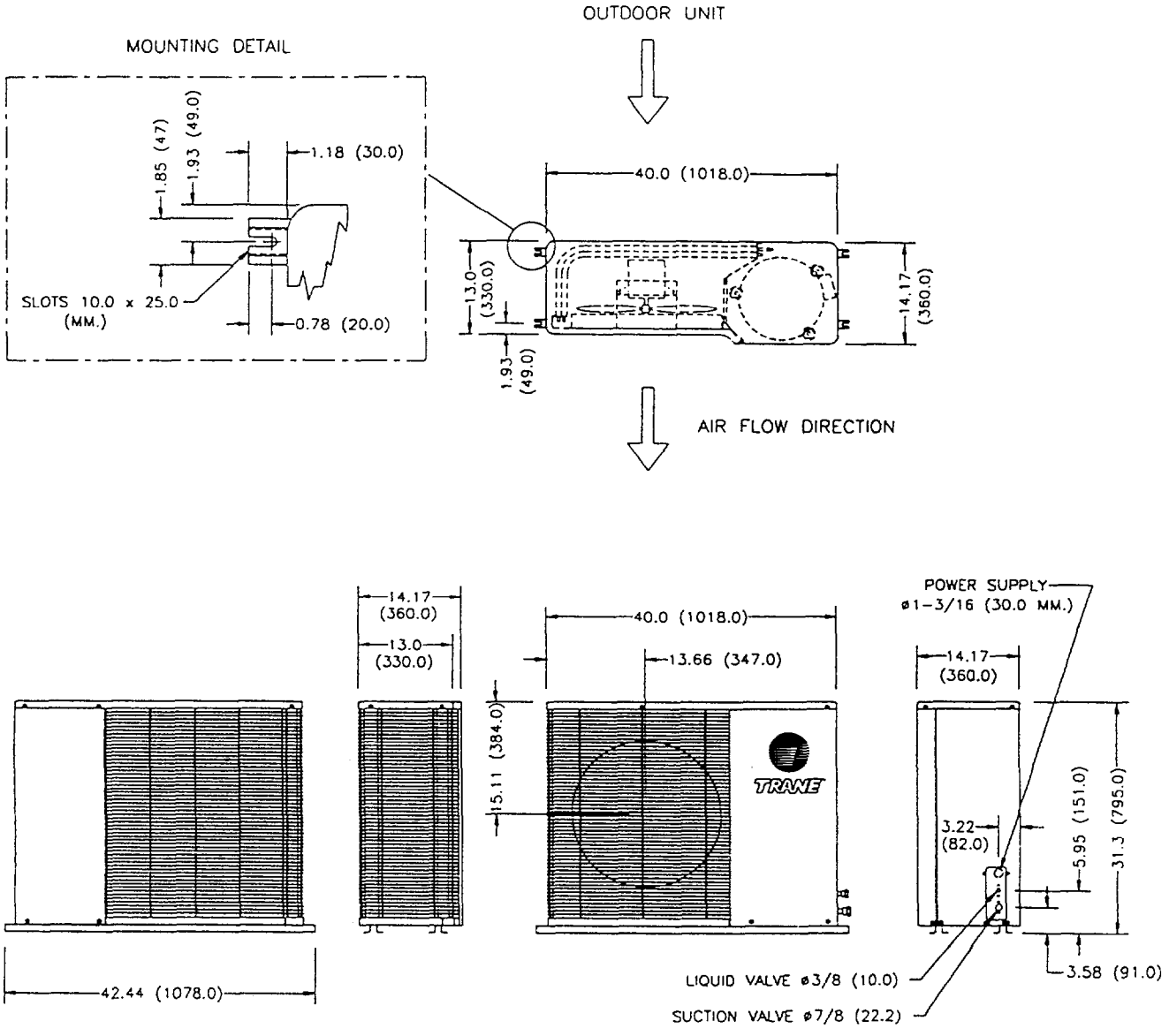
MODEL	REFRIG. LINE DIA.		A		B		C	
	LIQUID	SUCTION	IN	(MM.)	IN	(MM.)	IN	(MM.)
TTK530KB/K1	3/8 (10)	5/8 (16)	3/8 (31.3)	(795.0)	13.66	(347.0)	15.11	(384.0)
TTK536KB/KD TTK536K1/K4	3/8 (10)	3/4 (19)						

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

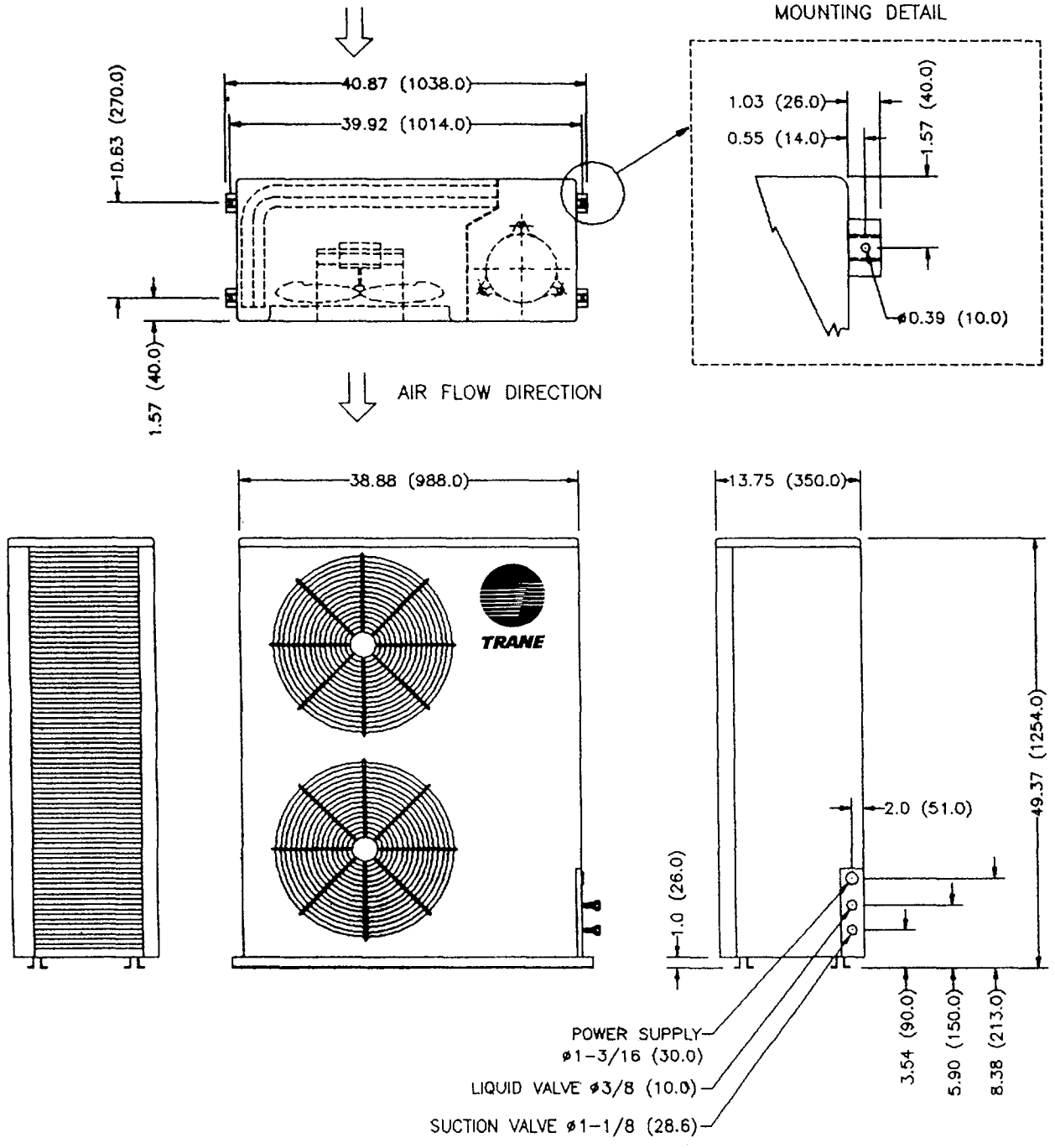


NOTE 1) SUCTION AND LIQUID VALVES ARE FLARE TYPE CONNECTIONS
2) DIMENSIONS : INCHES (MILIMETERS) 1 IN. = 25.40 MM.
3) THE ABOVE MODELS UTILIZE RECIPROCATIING COMPRESSORS.

Dimensional Data

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

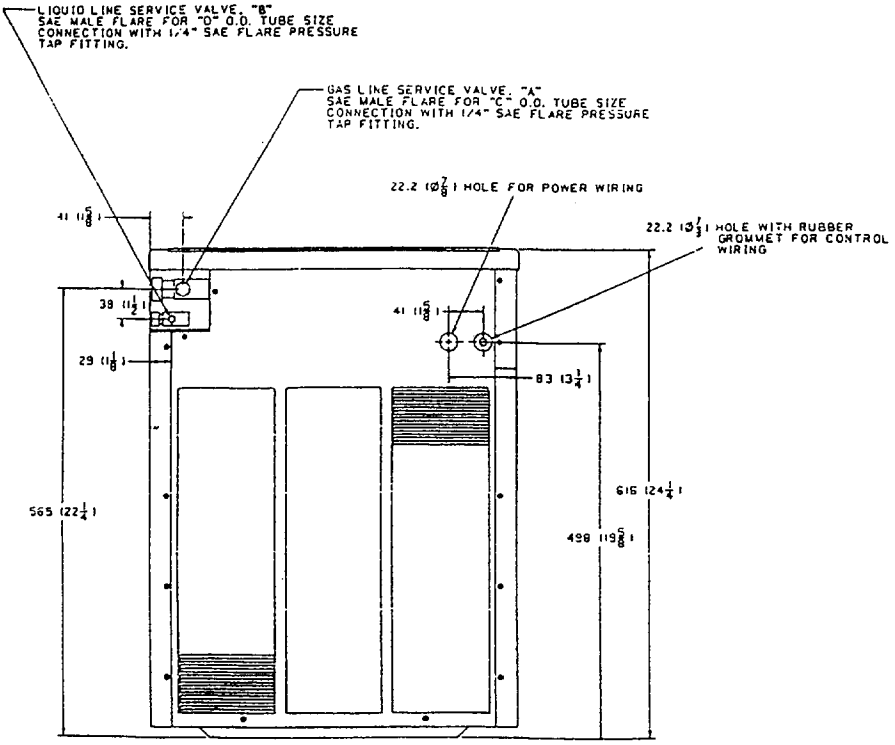
Outline Drawing



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

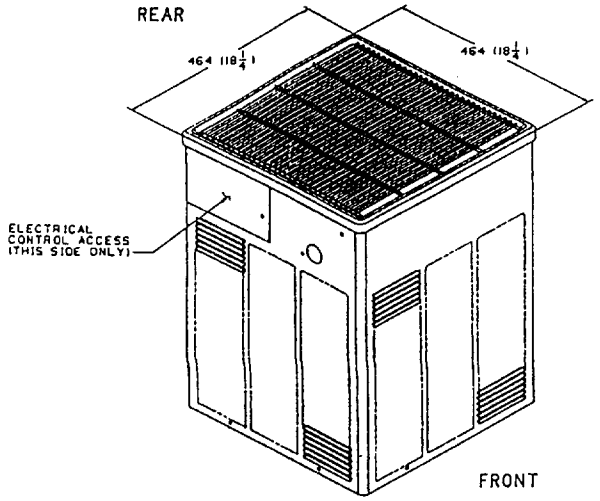
Dimensional Data

Outline-Cooling—TTB5 (50Hz) Models 10CA, 15CA, 20CA



REAR VIEW

25.40 MILLIMETERS = 1 (1 INCH)



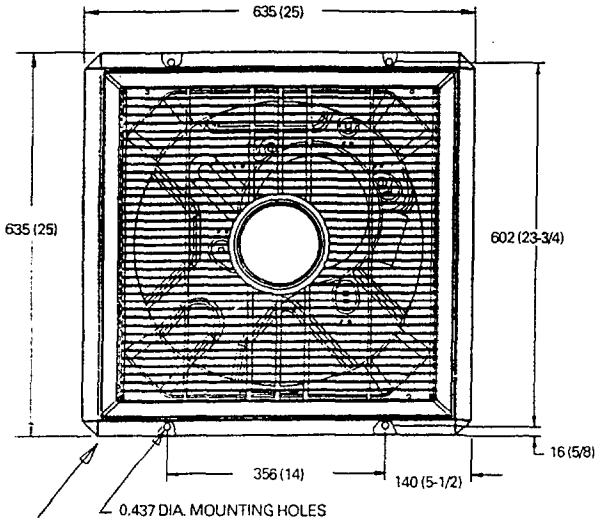
FLARE NUT TORQUE		
APPLIED TUBE SIZE	TORQUE FT-LBS (NEWTON-METERS)	
	MINIMUM	MAXIMUM
6.35 mm (1/4 IN.)	8 (11.0)	10 (14.01)
7.94 mm (5/16 IN)	10 (14.0)	15 (20.0)
9.52 mm. (3/8 IN.)	15 (20.0)	25 (34.0)
12.70 mm. (1/2 IN.)	25 (34.0)	35 (47.0)
15.88 mm. (5/8 IN.	40 (54.0)	55 (75.0))
19.05 mm (3/4 IN.)	50 (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 (50Hz) Models 24CA, 30CA, 36CA



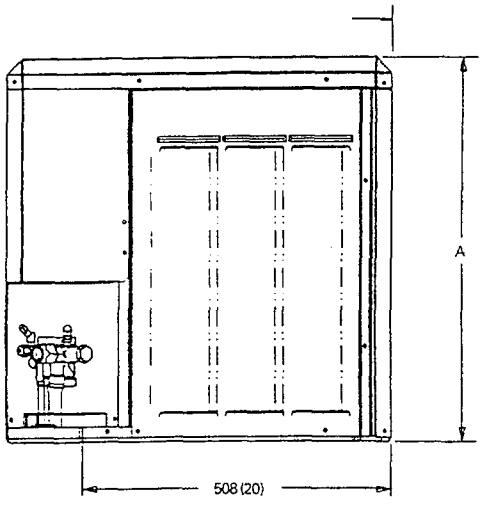
DETAIL X
SERVICE PANEL
ELECTRICAL AND REFRIGERANT
COMPONENTS CLEARANCES
PER PREVAILING CODES

25.40 MILIMETERS = (1 INCH)

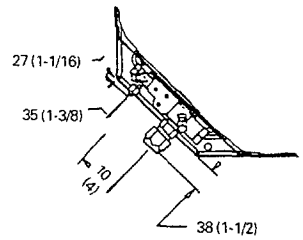
PT. NO	SIZE	A	B	C	D	E
P01	25A	648 (25-1/2)	1 1/16 14 UNS-2A	1/2 20UNF-A	19 (3/4)	8 (5/16)
P02	25C	826 (32-1/2)	1 1/16 14 UNS-2A	1/2 20UNF-2A	1/9 (3/4)	8 (5/16)

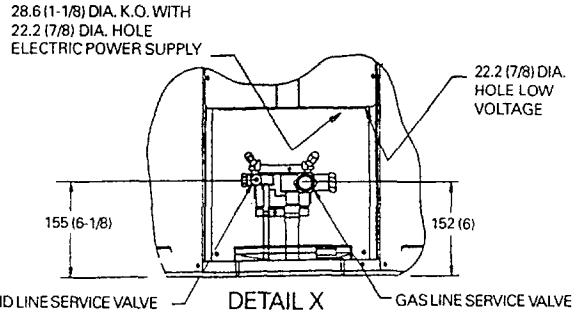
FLARE NUT TORQUE		
	TORQUE FT-LBS (NEWTON-METERS)	
TAPPLIED TUBE SIZE	MINIMUM	MAXIMUM
6.35 mm (1/4 IN.)	8 (11.0)	10 (14.01)
7.94 mm (5/16 IN)	10 (14.0)	15 (20.0)
9.52 mm. (3/8 IN.)	15 (20.0)	25 (34.0)
12.70 mm. (1/2 IN.)	25 (34.0)	35 (47.0)
15.88 mm. (5/8 IN.	40 (54.0)	55 (75.0))
19.05 mm (3/4 IN.)	50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

TTA030-060C

(ALL Dimensions Are In Inches)

Outline Drawing

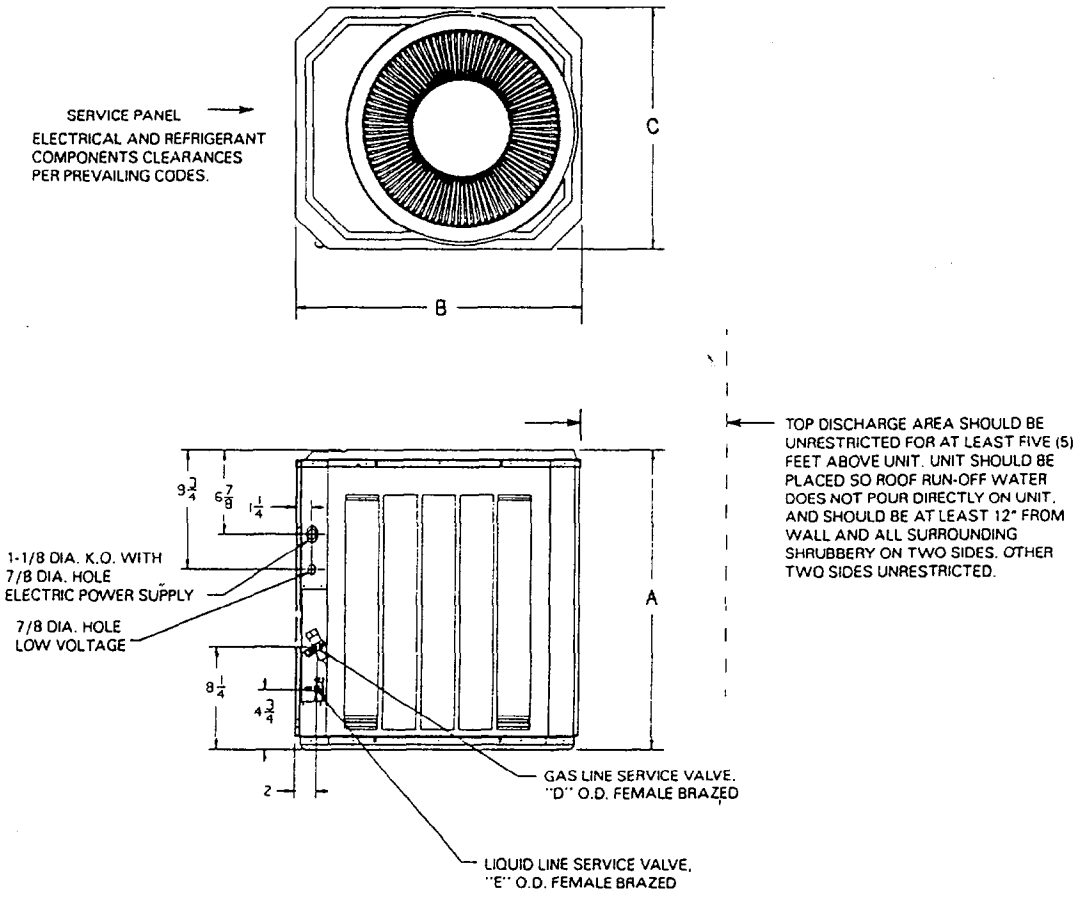


FIG. 1

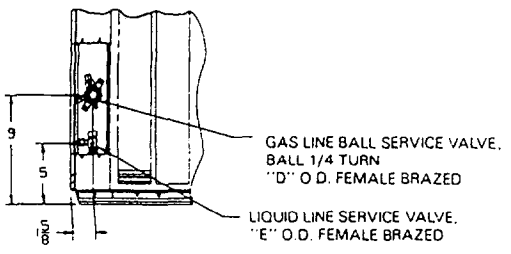


FIG. 2

MODEL	Figure	A	B	C	D	E
TTA030C	1	24 3/8	28 1/4	24 5/8	7/8	3/8
TTA040C	1	32 3/4	28 1/4	24 5/8	1 1/8	3/8
TTA050C	2	40 3/4	32 7/8	28 3/4	1 1/8	3/8
TTA060C	2	44 3/4	38 7/8	34 3/4	1 1/8	3/8

1 Inch = 25.4 mm

Notes

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