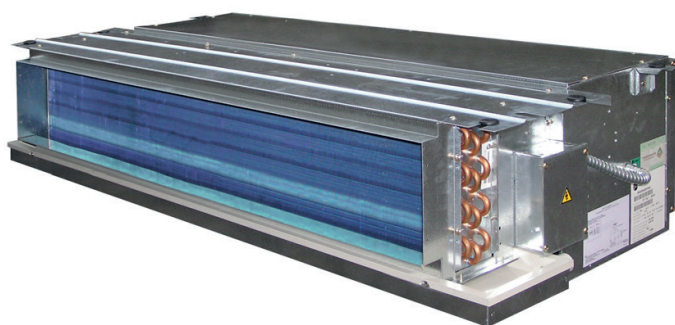




Illusion™ Split Systems

R410a - 60 Hz
1.5 - 5 Tons



**Split System Air Conditioning
(Concealed Type)**
1.5 - 5 Tons - R410a - 60 Hz

- MCDA18D1
- MCDA24D1
- MCDA30D1
- MCDA36D1
- MCDB42D1
- MCDB48D1
- MCDB60D1



Condensing Unit
XR16 4TTR6 :
1.5 - 5 Tons - R410a - 60 Hz

- | | |
|-----------------|-----------------|
| 4TTR6018B1S00AA | 4TTR6018B1SE0AA |
| 4TTR6024B1S00AA | 4TTR6024B1SE0AA |
| 4TTR6030B1S00AA | 4TTR6030B1SE0AA |
| 4TTR6036B1S00AA | 4TTR6036B1SE0AA |
| 4TTR6042B1S00AA | 4TTR6042B1SE0AA |
| 4TTR6048B1S00AA | 4TTR6048B1SE0AA |
| 4TTR6060B1S00AA | 4TTR6060B1SE0AA |

SS-PRC041A-EN

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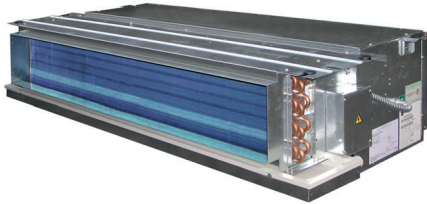
Features and Benefits/4TTR6

Outdoor unit 4TTR6

- CLIMATUFF® compressor
- Efficiency up to 17.0 SEER
- All aluminum SPINE FIN™ coil
- WEATHERGUARD™ fasteners
- QUICK-SESS™ cabinet, service access and refrigerant connections with full coil protection
- DURATUFF™ base, fast complete drain, weatherproof
- COMFORT-R™ mode approved
- Glossy corrosion resistant finish
- Internal compressor high/low pressure & temperature protection
- 018, 024 & 030 ship with start kit
- Liquid line filter/drier
- Tarpaulin grey cabinet with anthracite grey badge and cap
- High pressure switch
- Service valve cover
- R-410A refrigerant
- S.E.E.T. design testing
- 100% line run test
- Low ambient cooling to 30°F with AY28X079
- Low ambient cooling to 55°F as shipped

Features and Benefits/MCD

MCD Concealed Unit



Features:

- Compact Design
- Triple Layer Drain Pan*
- 4 Speed Fan Motor
- Optional Electric Heater

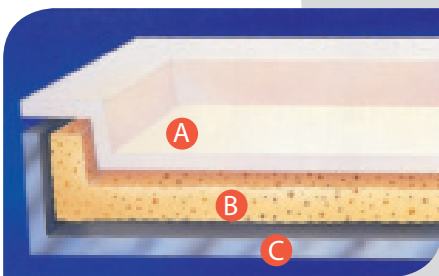
Benefits:

- Flexibility in installation locations.
- Protect against condensate leaks.
- Flexibility in airflow.
- Whisper quiet operation.
- Ease of installation

MCD Air Handler unit

- Complete family of concealed models- available in capacities ranging from 18,000 to 60,000 Btu/h.
- Compact height- only 304 mm. for 18,000 to 24,000 Btu/h models and 408 mm for 30,000 to 60,000 Btu/h
- The MCD Series is very compact for easy installation into tight ceiling locations.
- Triple protection drain pan of three layers provide maximum insulation and water integrity. First, a single piece of galvanized steel; next, a single piece of polystyrene; and finally, a vacuum formed plastic liner.

- A** Plastic
- B** Polystyrene foam
- C** Galvanized sheet




Triple protection drain pan


- Effectively prevents ceiling damage from drain pan leaks
- Decreases chance of mold
- Enhances indoor air quality


Illusion drain pans consist of three layers: a single piece of galvanized sheet, a single piece of polystyrene foam, and a vacuum formed plastic liner. It also features a high-quality, flexible drain hose which is suitable for PVC size.


Features and Benefits/MCD


 **Fan speed:**
Four fan levels provide continuous, cool airflow


 **Temperature setting:**
Set temperature range is from 15 °C to 30 °C.

 **Powercool (turbo) mode:**
Cool off quicker (Turbo mode for LCD wired control)

 **Sleep mode:**
Stay comfortable with automatic room temperature adjustment during the night

 **Econo mode:**
Save energy while keeping cool

 **Dry mode:**
provides effective humidity reduction with high efficient cooling capacity.

 **24 hours programmable timer:**
Select on/off times to schedule even more energy and cost savings



Touch wired control
(ACYSTAT160AA cooling only)
(ACYSTAT260AA cool and heat)



LCD wired control
(ACYSTAT110AA cooling only)
(ACYSTAT210AA cool and heat)



LCD wireless remote control



(ACYSTAT120AA cooling only)
(ACYSTAT220AA cool and heat)



LCD wireless remote control



Receiver

(ACYSTAT170AA Cooling Only)
(ACYSTAT270AA Cool & Heat)

Digital touch-control series

- Choose from wired or wireless control
- Touch-control switch
- Intelligent features add more convenience



Nomenclature/4TTR6

Outdoor Units

4 T T R 6 0 3 6 B 1 0 0 0 A A

Refrigerant Type

2 = R-22
4 = R-410A

TRANE

Product Type

W = Split Heat Pump
T = Split Cooling

Product Family

Z = Leadership – Two Stage
X = Leadership
R = Replacement/Retail
B = Basic
A = Light Commercial

Family SEER

0 = 10 3 = 13 6 = 16
1 = 11 4 = 14 8 = 18
2 = 12 5 = 15 9 = 19

Split System Connections 1-6 Tons

0 = Brazed

Nominal Capacity in 000s of BTUs

Major Design Modifications

Power Supply

1 = 200-230/1/60 or 208-230/1/60
3 = 200-230/3/60
4 = 460/3/60
K = 380-415/3/60

Secondary Function

000 = Standard Model
SV0 = Saso - matching with TEM3
S00 = Saso - matching with MCD Cooling
SE0 = Saso - matching with MCD with Electric Heater

Minor Design Modifications

Unit Parts Identifier



Nomenclature/MCD

M **C** **D** **A** **1** **8** **D** **1** **P** **H** **A** **A**
1 **2** **3** **4** **5** **6** **7** **8** **9** **10** **11** **12**

Digit 1

M = Mini-split

Digit 2

C = Cooling only

Digit 3

D = Concealed

Digit 4-Refrigerant Connection

0 = Sweat type, R22

5 = Flare type, R22

A = Flare type, R410A (18-36)

B = Sweat type, R410A (42-60)

C = Flare type, R407C

D = Sweat type, R407C

Digit 5, 6 –Nominal Capacity

18 = 18 MBH

24 = 24 MBH

30 = 30 MBH

36 = 36 MBH

42 = 42 MBH

48 = 48 MBH

60 = 60 MBH

Digit 7

D = High external static pressure

E = Low external static pressure

Digit 8 –Voltage

1 = 220-240/1/60 Hz

Digit 9-Electric Heatand Refrigerant

0 = no heat, no return plenum, standard option

5 = no heat, Egat no.5, standard option

C = 1.0 KW electric heat, no return plenum

D = 1.5 KW electric heat, no return plenum

E = 2.0 KW electric heat, no return plenum

F = 2.5 KW electric heat, no return plenum

G = 3.0 KW electric heat, no return plenum

H = 4.0 KW electric heat, no return plenum

I = 4.5 KW electric heat, no return plenum

P = no heat, with return plenum

Q = 1.0 KW electric heat, with return plenum

R = 1.5 KW electric heat, with return plenum

S = 2.0 KW electric heat, with return plenum

T = 2.5 KW electric heat, with return plenum

U = 3.0 KW electric heat, with return plenum

V = 4.0 KW electric heat, with return plenum

W = 4.5 KW electric heat, with return plenum

Digit 10– Option

0 = No option

H = High Efficiency with Filter

Digit 11

A = Design change

Digit 12

A = Service part



General Data/4TTR6

Product Specifications

Model No. ①	4TTR6018B1S00AA	4TTR6024B1S00AA	4TTR6030B1S00AA	4TTR6036B1S00AA
Model No. ①	4TTR6018B1SE0AA	4TTR6024B1SE0AA	4TTR6030B1SE0AA	4TTR6036B1SE0AA
Electrical Data V/Ph/Hz ②	208/230/1/60	208/230/1/60	208/230/1/60	208/230/1/60
Min Cir Ampacity	9	9	12	19
Max Fuse Size (Amps)	15	15	20	30
Compressors	CLIMATUFF®	CLIMATUFF®	CLIMATUFF®	CLIMATUFF® · SCROLL
No. Used - No. Stages	1-1	1-1	1-1	1-1
RL AMPS - LR AMPS	6.4 - 38.6	6.8 - 38.6	9.1 - 57.8	14.1 - 77
Outdoor Fan FL Amps	0.74	0.74	0.93	0.93
Fan HP	1/8	1/8	1/5	1/5
Fan Dia (inches)	23	23	27.6	27.6
Coil	Spine Fin™	Spine Fin™	Spine Fin™	Spine Fin™
Refrigerant R-410A	5/2-LB/OZ	6/3-LB/OZ	7/0-LB/OZ	7/4-LB/OZ
Line Size - (in.) O.D. Gas ③	5/8	3/4	3/4	3/4
Line Size - (in.) O.D. Liquid ③	3/8	3/8	3/8	3/8
Dimensions H x W x D (Crated)	34 x 30.1 x 33	34 x 30.1 x 33	38.4 x 35.1 x 38.7	42.4 x 35.1 x 38.7
Weight - Shipping	200	201	234	228
Weight - Net	173	174	201	193
Start Components	YES	YES	YES	NO
Sound Enclosure	YES	YES	YES	YES
Compressor Sump Heat	NO	NO	NO	NO
Optional Accessories: ④				
Anti-short Cycle Timer	TAYASCT501A	TAYASCT501A	TAYASCT501A	TAYASCT501A
Evaporator Defrost Control A/C	AY28X079	AY28X079	AY28X079	AY28X079
Rubber Isolator Kit	BAYISLT101	BAYISLT101	BAYISLT101	BAYISLT101
Crank Case Heater Kit	BAYCCHT300A	BAYCCHT300A	BAYCCHT300A	BAYCCHT302A
Hard Start Kit Scroll				BAYKSKT263
Extreme Condition Mounting Kit	BAYECMT023	BAYECMT023	BAYECMT004	BAYECMT004
Snow Leg - Base & Cap 4" High	BAYLEGS002	BAYLEGS002	BAYLEGS002	BAYLEGS002
Snow Leg - 4" Extension	BAYLEGS003	BAYLEGS003	BAYLEGS003	BAYLEGS003
Seacoast Kit	BAYSEAC001	BAYSEAC001	BAYSEAC001	BAYSEAC001
Refrigerant Lineset ⑤	TAYREFLN950	TAYREFLN7*	TAYREFLN7*	TAYREFLN7*

① Certified in accordance with the Air-Source Unitary Heat Pump Equipment certification program which is based on AHRI Standard 210/240.

② Calculated in accordance with N.E.C. Only use HACR circuit breakers or fuses.

③ Standard line lengths - 80'. Standard lift - 60' Suction and Liquid line.

For Greater lengths and lifts refer to refrigerant piping software Pub# 32-3312-0f. (*denotes latest revision)

④ For accessory description and usage, see page 5.

⑤ * = 15, 20, 25, 30, 40 and 50 foot lineset available.

Sound Power Level

Model	A-Weighted Sound Power Level [dB(A)]	Full Octave Sound Power [dB]							
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
4TTR6018B1	75	51	61	65	74	74	72	61	51
4TTR6024B1	75	49	62	66	74	74	69	62	54
4TTR6030B1	75	54	69	72	78	76	72	64	54
4TTR6036B1	75	49	68	73	76	74	70	62	51
4TTR6042B1	75	49	69	74	77	75	70	62	51
4TTR6048B1	75	49	69	74	77	75	70	62	51
4TTR6060B1	75	49	69	74	77	75	70	62	51

Note: Rated in accordance with AHRI Standard 270-2008



General Data/4TTR6

Product Specifications

Model No. ①	4TTR6042B1S00AA	4TTR6048B1S00AA	4TTR6060B1S00AA
Model No. ①	4TTR6042B1SE0AA	4TTR6048B1SE0AA	4TTR6060B1SE0AA
Electrical Data V/Ph/Hz ②	208/230/1/60	208/230/1/60	208/230/1/60
Min Cir Ampacity	23	26	34
Max Fuse Size (Amps)	40	45	60
Compressors	CLIMATUFF® · SCROLL	CLIMATUFF® · SCROLL	CLIMATUFF® · SCROLL
No. Used - No. Stages	1-1	1-1	1-1
RL AMPS - LR AMPS	17.9 - 112	19.9 - 109	26.4 - 134
Outdoor Fan FL Amps	0.93	0.93	0.93
Fan HP	1/5	1/5	1/5
Fan Dia (inches)	27.6	27.6	27.6
Coil	Spine Fin™	Spine Fin™	Spine Fin™
Refrigerant R-410A	8/4-LB/OZ	8/5-LB/OZ	8/8-LB/OZ
Line Size - (in.) O.D. Gas ③	7/8	7/8	7/8
Line Size - (in.) O.D. Liquid ③	3/8	3/8	3/8
Dimensions H x W x D (Crated)	46.4 x 35.1 x 38.7	51 x 35.1 x 38.7	51 x 35.1 x 38.7
Weight - Shipping	272	282	285
Weight - Net	235	245	248
Start Components	NO	NO	NO
Sound Enclosure	YES	YES	YES
Compressor Sump Heat	NO	NO	NO
Optional Accessories: ④			
Anti-short Cycle Timer	TAYASCT501A	TAYASCT501A	TAYASCT501A
Evaporator Defrost Control A/C	AY28X079	AY28X079	AY28X079
Rubber Isolator Kit	BAYISLT101	BAYISLT101	BAYISLT101
Crank Case Heater Kit	BAYCCHT301A	BAYCCHT301A	BAYCCHT301A
Hard Start Kit Scroll	BAYKSKT263	BAYKSKT263	BAYKSKT263
Extreme Condition Mounting Kit	BAYECMT004	BAYECMT004	BAYECMT004
Snow Leg - Base & Cap 4" High	BAYLEGS002	BAYLEGS002	BAYLEGS002
Snow Leg - 4" Extension	BAYLEGS003	BAYLEGS003	BAYLEGS003
Seacoast Kit	BAYSEAC001	BAYSEAC001	BAYSEAC001
Refrigerant Lineset ⑤	TAYREFLN3*	TAYREFLN3*	TAYREFLN3*

① Certified in accordance with the Air-Source Unitary Heat Pump Equipment certification program which is based on AHRI Standard 210/240.

② Calculated in accordance with N.E.C. Only use HACR circuit breakers or fuses.

③ Standard line lengths - 60'. Standard lift - 60' Suction and Liquid line. For 061 units, Max. linear length 60 ft.; Max. lift - Suction 25 ft.; Max lift - Liquid 25 ft. For Greater lengths and lifts refer to refrigerant piping software Pub# 32-3312-01. (*denotes latest revision)

④ For accessory description and usage, see page 5.

⑤ * = 15, 20, 25, 30, 40 and 50 foot lineset available.



General Data/4TTR6

Accessory Description and Usage

Anti-Short Cycle Timer — Solid state timing device that prevents compressor recycling until 5 minutes have elapsed after satisfying call or power interruptions. Use in area with questionable power delivery, commercial applications, long lineset, etc.

Evaporator Defrost Control — SPST Temperature actuated switch that cycles the condenser off as indoor coil reaches freeze-up conditions. Used for low ambient cooling to 30°F with TXV.

Rubber Isolators — 5 large rubber donuts to isolate condensing unit from transmitting energy into mounting frame or pad. Use on any application where sound transmission needs to be minimized.

Hard Start kit — Start capacitor and relay to assist compressor motor startup. Use in areas with marginal power supply, on long linesets, low ambient conditions, etc.

Extreme Condition Mount Kit — Bracket kits to securely mount condensing unit to a frame or pad without removing any panels. Use in areas with high winds, or on commercial roof tops, etc.

AHRI Standard Capacity Rating Conditions

AHRI STANDARD 210/240 RATING CONDITIONS —
(A) Cooling 80°F DB, 67°F WB air entering indoor coil,
95°F DB air entering outdoor coil.

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





SASO Certification

The Saudi Standards, Metrology and Quality Org.(SASO) has certified Trane Ingersoll Rand Climate Solutions to use the energy efficiency label according to SASO 2663/2012 (Phase 2) for the following products:

		The Product	Model's number	Mark's name	Number of Stars	License number	EER	KWH Per Year
		Air Conditioner	MCDA18D1PHAA	TRANE	6	AC101402880	12.210	3,750
			4TTR6018B1S00AA					
		Air Conditioner	MCDA24D1PHAA	TRANE	6	AC101402882	12.969	4,571
			4TTR6024B1S00AA					
		Air Conditioner	MCDA30D1PHAA	TRANE	6	AC101404146	11.705	6,210
			4TTR6030B1S00AA					
		Air Conditioner	MCDA36D1PHAA	TRANE	6	AC101402886	13.260	7,382
			4TTR6036B1S00AA					
		Air Conditioner	MCDB42D1PHAA	TRANE	6	AC101402889	11.718	8,953
			4TTR6042B1S00AA					
		Air Conditioner	MCDB48D1PHAA	TRANE	6	AC101402891	11.628	10,276
			4TTR6048B1S00AA					
		Air Conditioner	MCDB60D1PHAA	TRANE	6	AC121404151	11.568	12,549
			4TTR6060B1S00AA					
		Air Conditioner	MCDA18D1THAA	TRANE	6	AC101402933	12.210	3,750
			4TTR6018B1SE0AA					
		Air Conditioner	MCDA24D1UHAA	TRANE	6	AC101402937	12.969	4,571
			4TTR6024B1SE0AA					
		Air Conditioner	MCDA30D1VHAA	TRANE	6	AC121404147	11.705	6,210
			4TTR6030B1SE0AA					
		Air Conditioner	MCDA36D1WHAA	TRANE	6	AC101402939	13.260	7,382
			4TTR6036B1SE0AA					
		Air Conditioner	MCDB42D1XHAA	TRANE	6	AC101402944	11.718	8,953
			4TTR6042B1SE0AA					
		Air Conditioner	MCDB48D1YHAA	TRANE	6	AC101402948	11.628	10,276
			4TTR6048B1SE0AA					
		Air Conditioner	MCDB60D1YZHAA	TRANE	6	AC121404153	11.568	12,549
			4TTR6060B1SE0AA					



General Data/MCD

UNIT MODELS		MCDA18D1PHAA MCDA18D1THAA ¹	MCDA24D1PHAA MCDA24D1UHAA ¹	MCDA30D1PHAA MCDA30D1VHAA ¹	MCDA36D1PHAA MCDA36D1WHAA ¹
POWER CONNECTION		V/ph/Hz	220-240/1/60	220-240/1/60	220-240/1/60
MCA	A	1.0	1.8	3.9	3.9
MCA¹	A	15.3	18.9	26.6	29.4
SYSTEM DATA					
	Refrigerant Type	R410A	R410A	R410A	R410A
	No. Refrigerant Circuits	1	1	1	1
	Refrigerant Connection Type	Flare	Flare	Flare	Flare
	Suction Line OD	in (mm)	5/8 (15.87)	5/8 (15.87)	3/4 (19.05)
	Liquid line OD	in (mm)	3/8 (9.53)	3/8 (9.53)	3/8 (9.53)
CASING					
	Material	Galvanized steel/Unpainted			
	Type of insulation / Thickness	Fiber glass (12.7 mm.)			
	Insulation density	Kg./m ³	40	40	40
COIL					
	Coil Size (HxL)	in ²	8" x 38"	8" x 38"	8" x 42"
		(mm) ²	203.2 x 965.2	203.2 x 965.2	(203.2 x 1066.8)
	Face Area	sq ft (m ²)	2.1 (0.20)	2.1 (0.20)	2.33 (0.216)
	Tube Size OD	in (mm)	3/8 (9.53)	3/8 (9.53)	3/8 (9.53)
	Tube Type		Inn. Grv.	Inn. Grv.	Inn. Grv.
	Rows		4	4	4
	Fin Type		Precoated Slit	Precoated Slit	Precoated Slit
	Fins per inch		20	20	20
	Refrigerant Flow Control		Capillary Tube	Capillary Tube	Capillary Tube
	Drain Connection Size	in (mm)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)
ELECTRIC HEATER DATA¹ (for electric heater option only)					
	Heater Rating	kW	2.5	3.0	4 (2 elements)
	Heater RLA		11.4	13.6	18.2
FAN					
	Fan Type		Centrifugal	Centrifugal	Centrifugal
	No. used		2	2	2
	Diameter	in (mm)	7 (164)	7 (164)	8 (203.2)
	Width	in (mm)	8 (201)	8 (201)	9 (228.6)
	Drive Type		Direct	Direct	Direct
	Nominal Airflow ²	cfm (cmh)			
MOTOR					
	Motor Type		Permanent split capacitor		
	No. of Motor		1	1	1
	Motor Model		7455JVA-A47	7455LVA-A26	8557MVA-A31
	Motor Power	kW	0.096	0.152	0.26
	No. of Speed		4	4	4
	Motor Speed	rpm	1080/1213/1310/1458	1115/1217/1310/1435	936/1017/1082/1122
	Power Input	kW	0.171	0.284	0.510
	Power Supply	V/ph/Hz	220/1/60	220/1/60	220/1/60
	RLA/LRA		0.81/1.18	1.46/1.70	3.09/7.1
FILTER					
	Type		Aluminium Filter	Aluminium Filter	Aluminium Filter
	No. used		2	2	2
	Size (WxLxD)	in ³	10.5x20.0x1.0	10.5x20.0x1.0	13.7 x 21.8 x 1.0
		(mm ³)	(267x510x25.4)	(267x510x25.4)	(350 x 556 x 25.4)
			(350 x 478 x 25.4)		
INDOOR SOUND DATA		DBA (Speed - Hi / Med / Low)	48.6 / 45.9 / 42.5	56.1 / 55.2 / 53.1	57.1 / 55.1 / 54
CONTROL DEVICE					
	Anti-Recycle Time		No	No	No
	Thermostat		No	No	No
DIMENSION (HxWxD)					
	Crated (Shipping)**	in ³	13.2 x 51.6 x 22.1	13.2 x 51.6 x 22.1	18.9 x 51.9 x 30.6
		(mm) ³	(335 x 1311 x 562)	(335 x 1311 x 562)	(479 x 1317 x 778)
	Uncrated (Net)**	in ³	11.9 x 49.2 x 21.1	11.9 x 49.2 x 21.1	16 x 49.2 x 28.5
		(mm) ³	(304 x 1251 x 538)	(304 x 1251 x 538)	(408 x 1251 x 724)
WEIGHT					
	Crated (Shipping)	lb (kg)	82 (37.2)	82 (37.2)	73 (32.73)
	Crated (Shipping) ¹	lb (kg)	86 (39.2)	86 (39.2)	77 (34.73)
	Uncrated (Net)	lb (kg)	79 (35.8)	79 (35.8)	64 (29.09)
	Uncrated (Net) ¹	lb (kg)	83 (37.8)	83 (37.8)	68 (31.09)

- Note
- 1) MCA - Minimum Circuit Ampacity ; calculated as follow : 125 % of motor R.L.Amps
 - 2) ¹ Model with electric heater has alphabetic letter T or Z in the ninth digit.
 - 3) Test at Free blow (0.0 in.Wg ESP) / Dry coil / Using ARI standard 270-84 as a reference for test set up.



General Data/MCD

UNIT MODELS		MCDB42D1PHAA MCDB42D1XHAA ¹	MCDB48D1PHAA MCDB48D1YHAA ¹	MCDB60D1PHAA MCDB60D1ZHAA ¹	
POWER CONNECTION		V/ph/Hz	220-240/1/60	220-240/1/60	220-240/1/60
MCA		A	3.3	5.0	2.7
MCA¹		A	34.5	39.1	42.4
Refrigerant Type		R410A	R410A	R410A	
No. Refrigerant Circuits		1	1	1	
Refrigerant Connection Type		Sweat	Sweat	Sweat	
Suction Line OD		in (mm)	7/8 (22.23)	7/8 (22.23)	7/8 (22.23)
Liquid line OD		in (mm)	3/8 (9.53)	3/8 (9.53)	3/8 (9.53)
SYSTEM DATA					
CASING			Galvanized steel/Unpainted		
Material			Fiber glass (12.7 mm.)		
Type of insulation / Thickness					
Insulation density		Kg./m ³	40	40	40
COIL					
Coil Size (HxL)		in ²	14" x 36"	14" x 42"	14" x 42"
		(mm) ²	(355.6 x 914.4)	(355.6 x 1066.8)	(355.6 x 1066.8)
Face Area		sq ft (m ²)	3.50 (0.33)	4.08 (0.38)	4.08 (0.38)
Tube Size OD		in (mm)	3/8 (9.53)	3/8 (9.53)	3/8 (9.53)
Tube Type			Plain	Inn. Grv.	Inn. Grv.
Rows			4	4	4
Fin Type			Precoated Slit	Precoated Slit	Precoated Slit
Fins per inch			18	15	15
Refrigerant Flow Control			Capillary Tube	Capillary Tube	Capillary Tube
Drain Connection Size		in (mm)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)
ELECTRIC HEATER DATA¹ (for electric heater option only)					
Heater Rating		kW	5.5 (2 elements)	6 (2 elements)	7 (2 elements)
Heater RLA			25.0	27.3	31.8
FAN					
Fan Type			Centrifugal	Centrifugal	Centrifugal
No. used			2	2	2
Diameter		in (mm)	8 (203.2)	8 (203.2)	9 (228.6)
Width		in (mm)	9 (228.6)	9 (228.6)	10 (254.0)
Drive Type			Direct	Direct	Direct
Nominal Airflow ²		cfm (cmh)			
MOTOR					
Motor Type			Permanent split capacitor		
No. of Motor			1	1	1
Motor Model			KHE3F4005	8555PVA-A55	8557MVA-A30
Motor Power		kW	0.24	0.430	0.285
No. of Speed			4	4	4
Motor Speed		rpm	700/800/900/1000	1069/1129/1212/1325	823/879/937/994
Power Input		kW	0.506	0.873	0.47
Power Supply		V/ph/Hz	220/1/60	220/1/60	220/1/60
RLA/LRA			2.61/4.09	4.0/5.61	2.15/3.50
FILTER					
Type			Aluminium Filter	Aluminium Filter	Aluminium Filter
No. used			2	2	2
Size (WxLxD)		in ³	13.7 x 18.8 x 1.0	13.7 x 21.8 x 1.0	15.4 x 21.9 x 1.0
		(mm ³)	(350 x 478 x 25.4)	(350 x 556 x 25.4)	(392 x 556 x 25.4)
INDOOR SOUND DATA		DBA (Speed - Hi / Med / Low)	55.4 / 53.5 / 50.4	63.4 / 61.4 / 59.9	59.5 / 57.6 / 55.8
CONTROL DEVICE					
Anti-Recycle Time			No	No	No
Thermostat			No	No	No
DIMENSION (HxWxD)					
Crated (Shipping)**		in ³	18.9 x 46.0 x 30.6	19.3 x 51.9 x 30.8	19.3 x 51.9 x 30.8
		(mm) ³	(479 x 1168 x 778)	(490 x 1317 x 782)	(490 x 1317 x 782)
Uncrated (Net)**		in ³	16 x 43.2 x 29.9	16 x 49.2 x 29.8	16 x 49.2 x 29.8
		(mm) ³	(408 x 1098 x 759)	(408 x 1251 x 759)	(408 x 1251 x 759)
WEIGHT					
Crated (Shipping)		lb (kg)	117 (51.3)	140 (63.7)	144 (65.7)
Crated (Shipping) ¹		lb (kg)	113 (53.3)	147 (66.7)	151 (68.7)
Uncrated (Net)		lb (kg)	103 (46.8)	130 (59)	134 (61)
Uncrated (Net) ¹		lb (kg)	107 (48.8)	115 (52)	119 (54)

- Note**
- 1) MCA - Minimum Circuit Ampacity ; calculated as follow : 125 % of motor R.L.Amps
 - 2) ¹ Model with electric heater has alphabetic letter T or Z in the ninth digit.
 - 3) Test at Free blow (0.0 in.Wg ESP) / Dry coil / Using ARI standard 270-84 as a reference for test set up.



Performance Data/MCD

MCDA18D1PHAA / MCDA18D1THAA

SPEED	AIR FLOW (CFM)									
	300	340	380	420	460	500	540	580	620	660
LOW	0.05	0.03	0.00							
MED	0.14	0.13	0.10	0.06	0.00					
HIGH	0.22	0.21	0.18	0.14	0.10	0.05	0.00			
EXTRA HIGH	0.32	0.31	0.29	0.26	0.22	0.17	0.12	0.06	0.00	

MCDA24D1PHAA / MCDA24D1UHAA

SPEED	AIR FLOW (CFM)									
	520	560	600	640	680	720	760	800	840	880
LOW	0.13	0.12	0.09	0.05	0.00					
MED	0.24	0.22	0.18	0.13	0.07	0.00				
HIGH	0.31	0.29	0.26	0.22	0.17	0.12	0.06	0.00		
EXTRA HIGH	0.36	0.34	0.31	0.28	0.24	0.20	0.16	0.11	0.06	0.00

MCDA30D1PHAA / MCDA30D1VHAA

SPEED	AIR FLOW (CFM)									
	560	620	680	740	800	860	920	980	1,040	1,100
LOW	0.20	0.17	0.14	0.11	0.08	0.05	0.00			
MED	0.24	0.21	0.18	0.15	0.12	0.09	0.05	0.00		
HIGH	0.27	0.24	0.21	0.19	0.16	0.13	0.09	0.05	0.00	
EXTRA HIGH	0.37	0.33	0.29	0.22	0.19	0.16	0.13	0.09	0.05	0.00

MCDA36D1PHAA / MCDA36D1WHAA

SPEED	AIR FLOW (CFM)									
	880	940	1,000	1,060	1,120	1,180	1,240	1,300	1,360	1,420
LOW	0.14	0.12	0.10	0.07	0.04	0.00				
MEDIUM	0.21	0.19	0.17	0.14	0.10	0.05	0.00			
HIGH	0.28	0.26	0.24	0.21	0.17	0.12	0.06	0.00		
EXTRA HIGH	0.37	0.35	0.33	0.30	0.26	0.21	0.16	0.11	0.06	0.00

MCDB42D1PHAA / MCDB42D1XHAA

SPEED	AIR FLOW (CFM)									
	760	820	880	940	1,000	1,060	1,120	1,180	1,240	1,300
LOW	0.12	0.08	0.05	0.00						
MEDIUM	0.18	0.15	0.12	0.07	0.00					
HIGH	0.26	0.23	0.20	0.16	0.11	0.06	0.00			
EXTRA HIGH	0.31	0.28	0.25	0.22	0.18	0.14	0.10	0.05	0.00	



Performance Data/MCD

MCDB42D1PHAA / MCDB42D1XHAA

SPEED	AIR FLOW (CFM)									
	760	820	880	940	1,000	1,060	1,120	1,180	1,240	1,300
LOW	0.12	0.08	0.05	0.00						
MEDIUM	0.18	0.15	0.12	0.07	0.00					
HIGH	0.26	0.23	0.20	0.16	0.11	0.06	0.00			
EXTRA HIGH	0.31	0.28	0.25	0.22	0.18	0.14	0.10	0.05	0.00	

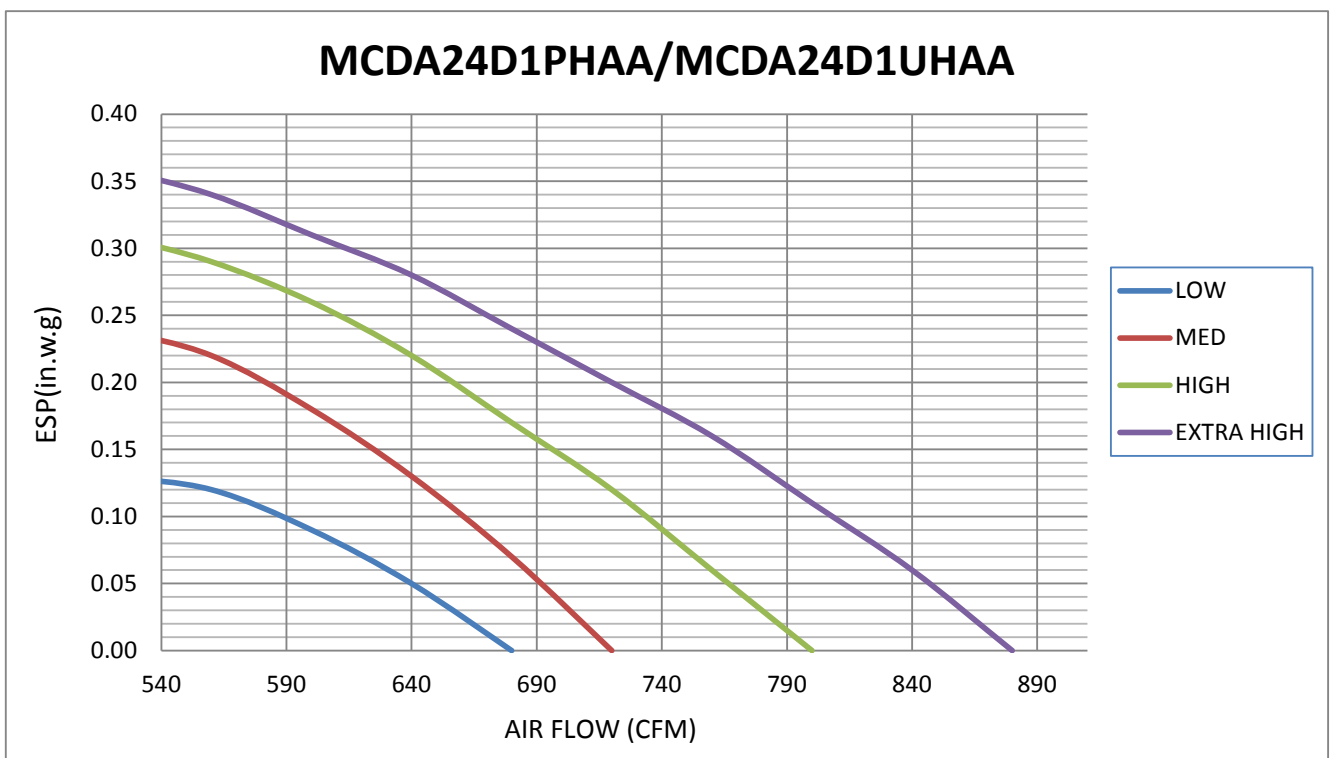
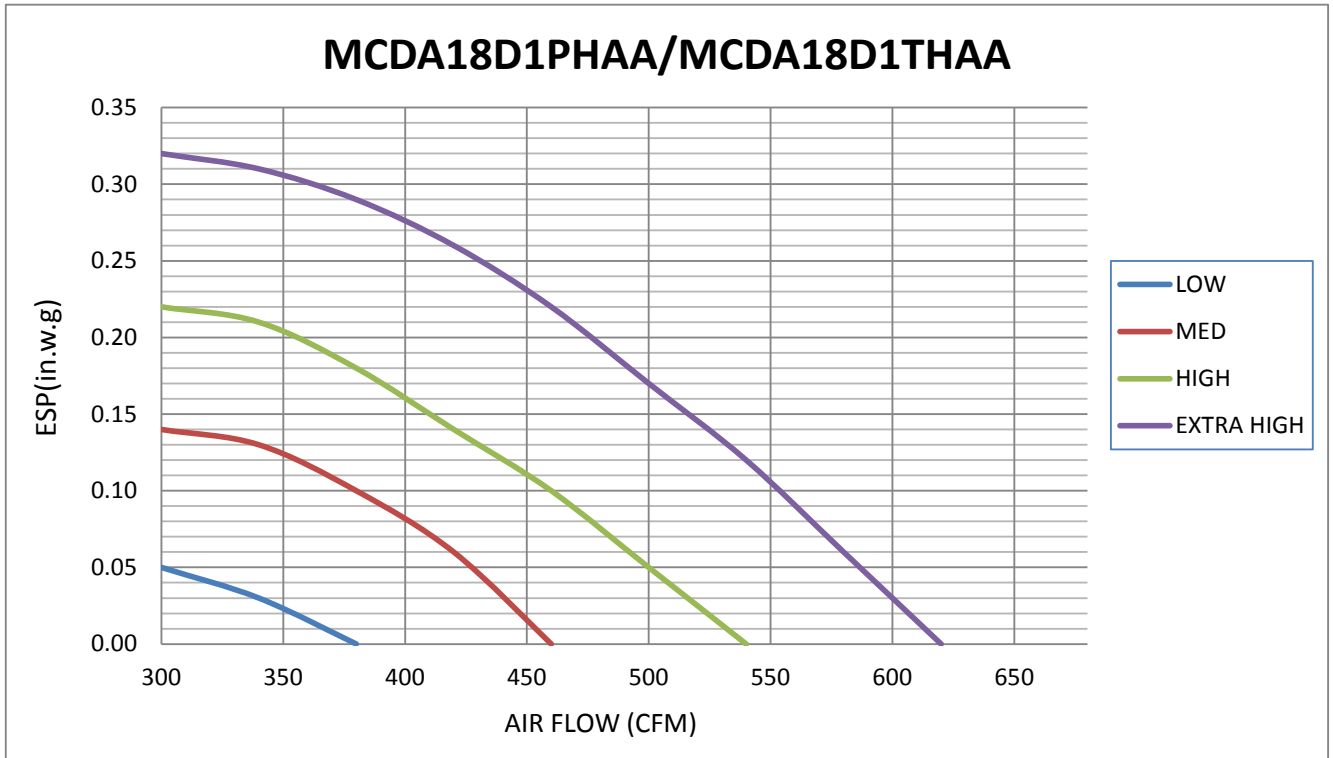
MCDB48D1PHAA / MCDB48D1YHAA

SPEED	AIR FLOW (CFM)									
	920	1,040	1,160	1,280	1,400	1,520	1,640	1,760	1,880	2,000
LOW	0.40	0.35	0.30	0.21	0.00					
MED	0.49	0.45	0.40	0.33	0.20	0.00				
HIGH	0.55	0.53	0.47	0.42	0.33	0.20	0.00			
EXTRA HIGH	0.57	0.55	0.53	0.50	0.45	0.37	0.27	0.14	0.00	

MCDB60D1PHAA / MCDB60D1ZHAA

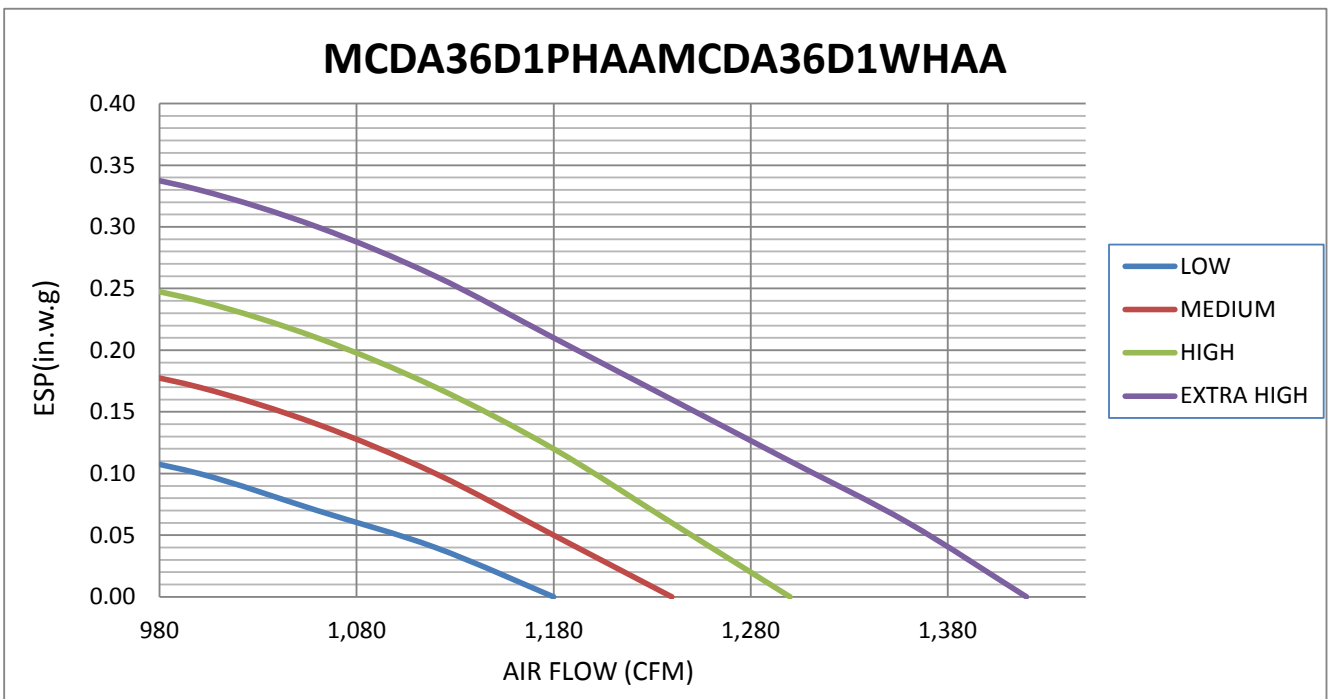
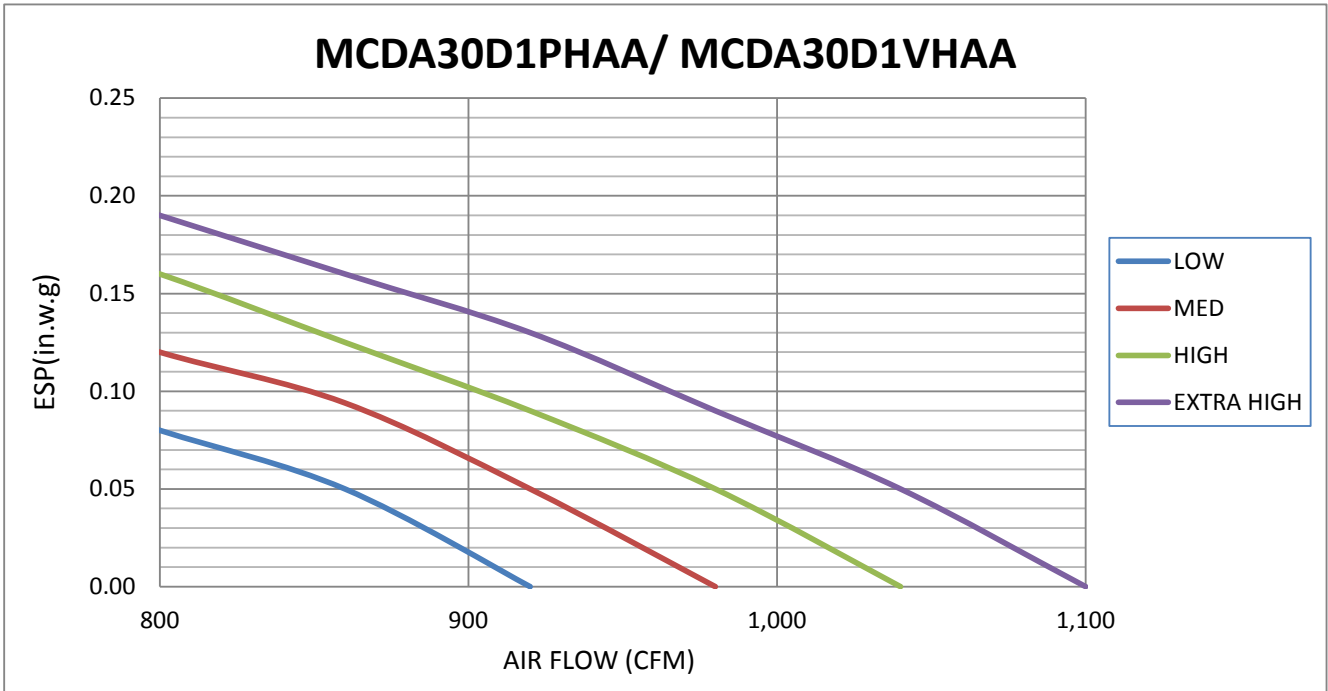
SPEED	AIR FLOW (CFM)									
	1,100	1,180	1,260	1,340	1,420	1,500	1,580	1,660	1,740	1,820
LOW	0.16	0.14	0.12	0.09	0.05	0.00				
MED	0.28	0.25	0.21	0.17	0.12	0.06	0.00			
HIGH	0.35	0.33	0.30	0.26	0.21	0.15	0.08	0.00		
EXTRA HIGH	0.43	0.40	0.37	0.34	0.30	0.25	0.19	0.13	0.07	0.00

Fan Performance Data

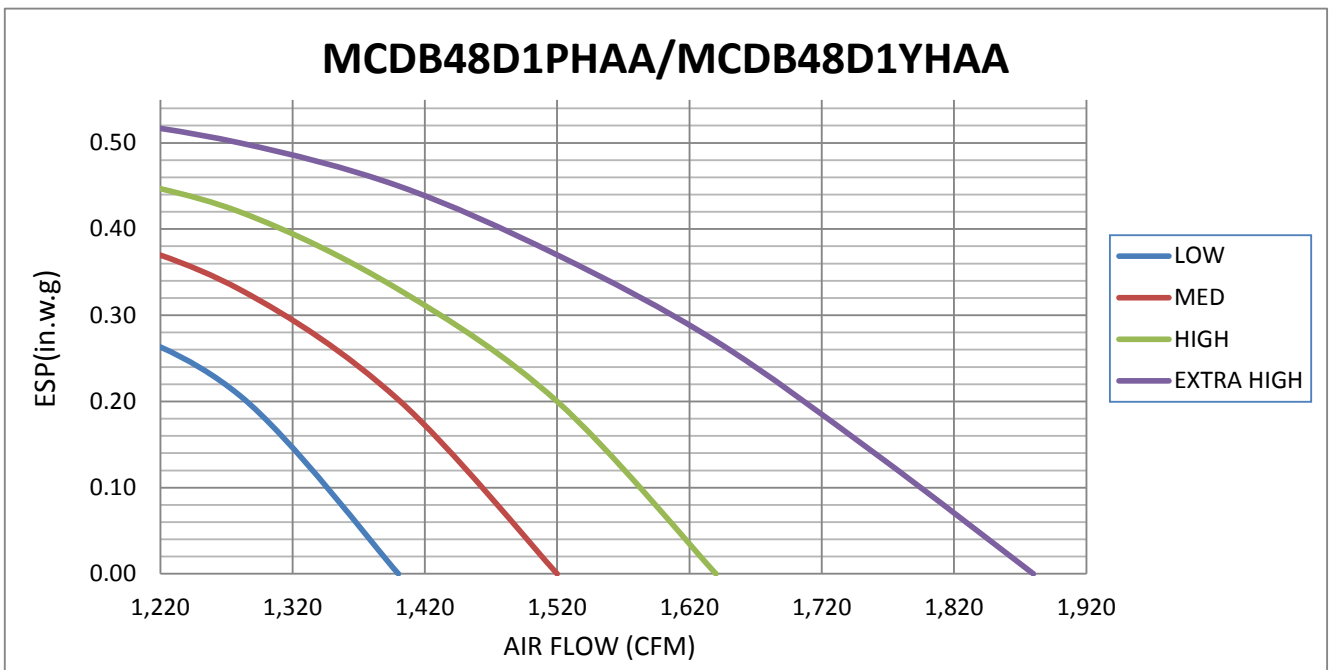
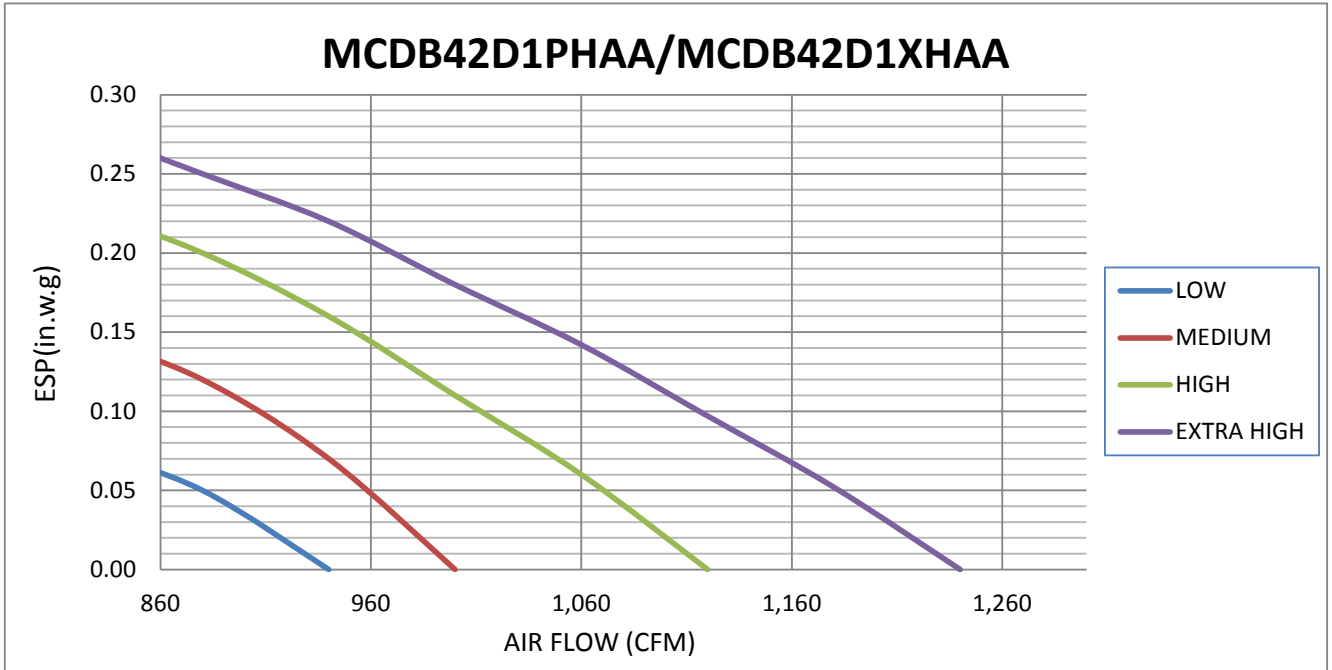




Fan Performance Data

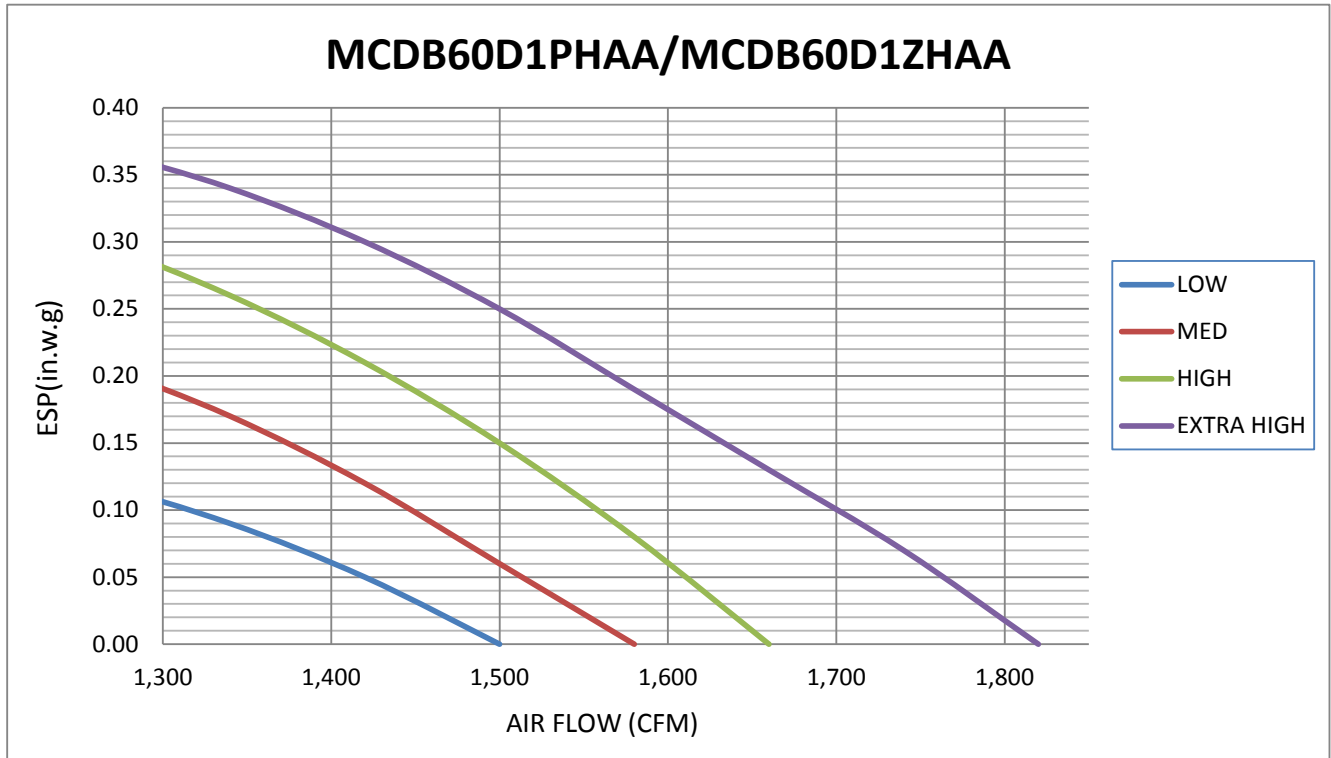


Fan Performance Data





Fan Performance Data





Performance Data Cooling

Performance Tables - Capacities are net in Btuh/1000 - indoor fan heat deducted

Outdoor Model 4TTR6018B1S00AA / 4TTR6018B1SE0AA
Indoor Model MCDA18D1PHAA / MCDA18D1THAA1
Airflow 478

Values At ARI Rating Conditions

Total Net Capacity 18179 BTU/Hr
Airflow 478 CFM
Compressor Power 1091 Watts
Indoor Fan Power 156 Watts
Outdoor Fan Power 139 Watts
CoP 3.84
EER 13.1

Correction Factors - Other Airflows

Airflow	410	540
Total Capacity	0.96	1.03
Sensible Capacity	0.93	1.08
Compressor kW	0.99	1.00

Rated with 25 Feet 5/8 suction 3/8 liquid lines

O.D.D.B.	I.D.W.B.	TOTAL CAPACITY		SENSIBLE CAPACITY				kW
		72	75	78	80			
85	59	17.18	13.44	15.05	16.74	17.18	1.284	
85	63	18.07	11.46	12.81	14.47	15.49	1.282	
85	67	19.62	9.38	10.97	12.13	13.34	1.275	
95	59	16.15	12.79	14.49	15.73	16.15	1.387	
95	63	16.75	10.69	12.28	13.81	14.90	1.380	
95	67	18.18	8.64	9.96	11.76	12.62	1.388	
105	63	15.38	10.00	11.60	13.23	14.39	1.486	
105	67	16.68	7.83	9.46	11.02	12.03	1.495	
105	71	18.11	5.39	7.58	8.96	9.85	1.500	
115	63	14.02	9.43	10.97	12.71	13.79	1.578	
115	67	15.21	7.40	8.80	10.38	11.42	1.597	
115	71	16.55	4.78	6.80	8.24	9.27	1.608	
120	63	13.42	9.10	10.66	12.41	13.42	1.628	
120	67	14.46	7.10	8.54	10.09	11.08	1.653	
120	71	15.76	4.67	6.57	8.00	8.90	1.672	
125	63	12.87	8.82	10.38	12.13	12.87	1.686	
125	67	13.56	6.78	8.19	9.82	10.44	1.702	
125	71	15.11	4.38	6.18	7.71	8.87	1.726	

Performance @ SASO 2682-2013						
Condition	OD-DB	ID-WB	ID-DB	Capacity	KW	EER
T1	95	66.2	80.4	18.22	1.38	13.21
T3	114.8	66.2	84.2	14.89	1.61	9.26

*** Performance at selected design conditions

* Dry coil condition (Total Capacity = Sensible Capacity)

Total capacity, compressor kW and app. dew point valid only for wetcoil

All temperatures in Degree F



Performance Data Cooling

Performance Tables - Capacities are net in Btuh/1000 - indoor fan heat deducted

Outdoor Model 4TTR6024B1S00AA / 4TTR6024B1SE0AA
 Indoor Model MCDA24D1PHAA / MCDA24D1UHAA
 Airflow 658

Values At ARI Rating Conditions

Total Net Capacity 21245 BTU/Hr
 Airflow 658 CFM
 Compressor Power 1350 Watts
 Indoor Fan Power 197 Watts
 Outdoor Fan Power 135 Watts
 CoP 3.70
 EER 12.6

Correction Factors - Other Airflows

Airflow 580 730
 Total Capacity 0.97 1.02
 Sensible Capacity 0.93 1.07
 Compressor kW 0.99 1.00

Rated with 25 Feet 3/4 suction 3/8 liquid lines

O.D.D.B.A17:H30 A17:H30	I.D.W.B.	TOTAL CAPACITY		SENSIBLE CAPACITY				kW
		72	75	78	80			
85	59	20.95	16.75	19.22	20.41	20.95	1.554	
85	63	21.33	13.74	15.86	18.13	20.07	1.556	
85	67	22.89	10.76	12.91	15.02	16.41	1.542	
95	59	19.70	16.16	18.40	19.18	19.70	1.679	
95	63	19.82	13.00	15.19	17.52	19.01	1.678	
95	67	21.25	10.06	12.23	14.28	15.74	1.679	
105	63	18.38	12.32	14.52	16.95	17.95	1.809	
105	67	19.54	9.40	11.51	13.62	15.08	1.811	
105	71	21.08	6.08	8.50	10.63	12.04	1.812	
115	63	16.99	11.60	13.86	16.11	16.88	1.936	
115	67	17.77	8.79	10.77	12.94	14.38	1.947	
115	71	19.16	5.49	7.72	9.94	11.32	1.959	
120	63	16.28	11.29	13.58	15.75	16.35	2.002	
120	67	16.89	8.50	10.45	12.61	14.08	2.012	
120	71	18.20	5.19	7.38	9.59	10.98	2.024	
125	63	15.54	10.93	13.25	15.39	15.82	2.061	
125	67	15.99	8.06	10.05	12.24	13.81	2.075	
125	71	17.22	5.02	6.95	9.25	10.63	2.087	

Performance @ SASO 2682-2013						
Condition	OD-DB	ID-WB	ID-DB	Capacity	KW	EER
T1	95	66.2	80.4	21.53	1.67	12.9
T3	114.8	66.2	84.2	18.58	1.95	9.55

*** Performance at selected design conditions

* Dry coil condition (Total Capacity = Sensible Capacity)

Total capacity, compressor kW and app. dew point valid only for wetcoil

All temperatures in Degree F



Performance Data Cooling

Performance Tables - Capacities are net in Btuh/1000 - indoor fan heat deducted

Outdoor Model 4TTR6030B1S00AA / 4TTR6030B1SE0AA
Indoor Model MCDA30D1PHAA / MCDA30D1VHAA
Airflow 799

Values At ARI Rating Conditions

Total Net Capacity 26682 BTU/Hr
Airflow 799 CFM
Compressor Power 1777 Watts
Indoor Fan Power 285 Watts
Outdoor Fan Power 232 Watts
CoP 3.41
EER 11.6

Correction Factors - Other Airflows

Airflow **725** **875**
Total Capacity 0.98 1.02
Sensible Capacity 0.94 1.05
Compressor kW 0.99 1.00

Rated with 25 Feet 3/4 suction 3/8 liquid lines

O.D.D.B.A17:H34 A17:H36	I.D.W.B.	TOTAL CAPACITY		SENSIBLE CAPACITY				kW
		72	75	78	80			
85	59	25.51	20.12	22.70	24.98	25.51	2.107	
85	63	26.58	16.23	18.91	21.50	23.26	2.108	
85	67	28.35	12.31	14.92	17.53	19.28	2.119	
95	59	24.30	19.47	22.07	23.69	24.30	2.278	
95	63	25.00	15.58	18.22	20.86	22.55	2.279	
95	67	26.68	11.82	14.30	16.93	18.68	2.287	
105	63	23.42	14.95	17.57	20.26	21.92	2.445	
105	67	24.75	10.78	13.46	16.09	17.84	2.475	
105	71	26.44	6.64	9.35	12.00	13.83	2.488	
115	63	21.80	14.13	16.97	19.55	21.21	2.617	
115	67	22.98	10.17	12.85	15.50	17.26	2.647	
115	71	24.55	6.08	8.80	11.46	13.23	2.683	
120	63	20.99	13.81	16.64	19.23	20.85	2.703	
120	67	22.09	9.82	12.54	15.18	16.96	2.723	
120	71	23.60	5.77	8.50	11.18	12.95	2.770	
125	63	20.23	13.49	16.15	18.89	20.23	2.786	
125	67	21.17	9.53	12.21	14.88	16.68	2.827	
125	71	22.60	5.51	8.21	10.90	12.66	2.861	

Performance @ SASO 2682-2013						
Condition	OD-DB	ID-WB	ID-DB	Capacity	KW	EER
T1	95	66.2	80.4	26.26	2.24	11.7
T3	114.8	66.2	84.2	23.12	2.62	8.83

*** Performance at selected design conditions

* Dry coil condition (Total Capacity = Sensible Capacity)

Total capacity, compressor kW and app. dew point valid only for wetcoil

All temperatures in Degree F



Performance Data Cooling

Performance Tables - Capacities are net in Btuh/1000 - indoor fan heat deducted

Outdoor Model 4TTR6036B1S00AA / 4TTR6036B1SE0AA
Indoor Model MCDA36D1PHAA / MCDA36D1WHAA
Airflow 983

Values At ARI Rating Conditions

Total Net Capacity 33409 BTU/Hr
Airflow 983 CFM
Compressor Power 2214 Watts
Indoor Fan Power 276 Watts
Outdoor Fan Power 236 Watts
CoP 3.59
EER 12.3

Correction Factors - Other Airflows

Airflow	900	1080
Total Capacity	0.98	1.02
Sensible Capacity	0.95	1.05
Compressor kW	0.99	1.00

Rated with 25 Feet 3/4 suction 3/8 liquid lines

O.D.D.B.	I.D.W.B.	TOTAL CAPACITY	SENSIBLE CAPACITY				kW
			72	75	78	80	
85	59	31.88	25.32	28.56	31.17	31.88	1.963
85	63	33.00	20.65	23.79	26.99	29.07	1.975
85	67	35.10	15.85	19.05	22.25	24.29	1.989
95	59	30.59	24.63	27.88	29.92	30.59	2.163
95	63	31.43	19.94	23.13	26.29	28.45	2.161
95	67	33.41	15.15	18.38	21.54	23.65	2.170
105	63	29.74	19.25	22.41	25.60	27.78	2.373
105	67	31.63	14.38	17.64	20.89	22.96	2.373
105	71	33.65	9.48	12.79	16.01	18.17	2.383
115	63	28.05	18.45	21.70	24.95	27.13	2.608
115	67	29.75	13.69	16.93	20.11	22.28	2.602
115	71	31.65	8.79	12.05	15.30	17.63	2.625
120	63	27.15	18.09	21.30	24.62	26.71	2.742
120	67	28.77	13.34	16.56	19.74	21.92	2.719
120	71	30.59	8.34	11.74	14.92	17.10	2.751
125	63	26.21	17.69	20.93	24.24	26.16	2.890
125	67	27.69	12.94	16.19	19.38	21.52	2.877
125	71	29.49	8.04	11.35	14.56	16.66	2.886

Performance @ SASO 2682-2013						
Condition	OD-DB	ID-WB	ID-DB	Capacity	KW	EER
T1	95	66.2	80.4	34.35	2.59	13.26
T3	114.8	66.2	84.2	30.89	3.22	9.59

*** Performance at selected design conditions

* Dry coil condition (Total Capacity = Sensible Capacity)

Total capacity, compressor kW and app. dew point valid only for wetcoil

All temperatures in Degree F



Performance Data Cooling

Performance Tables - Capacities are net in Btuh/1000 - indoor fan heat deducted

Outdoor Model 4TTR6042B1S00AA / 4TTR6042B1SE0AA
Indoor Model MCDB42D1PHAA / MCDB42D1XHAA
Airflow 1049

Values At ARI Rating Conditions

Total Net Capacity 39500 BTU/Hr
Airflow 1049 CFM
Compressor Power 2745 Watts
Indoor Fan Power 342 Watts
Outdoor Fan Power 225 Watts
CoP 3.49
EER 11.9

Correction Factors - Other Airflows

Airflow 950 1150
Total Capacity 0.97 1.01
Sensible Capacity 0.95 1.05
Compressor kW 0.99 1.00

Rated with 25 Feet 3/4 suction 3/8 liquid lines

O.D.D.B.	I.D.W.B.	TOTAL CAPACITY		SENSIBLE CAPACITY			
		72	75	78	80	kW	
85	59	37.20	28.60	32.25	35.96	37.20	2.964
85	63	39.02	23.25	26.84	30.40	32.86	2.973
85	67	41.51	17.79	21.40	25.01	27.36	2.986
95	59	35.68	27.73	31.43	34.90	35.68	3.281
95	63	37.18	22.43	25.98	29.60	32.05	3.298
95	67	39.52	16.90	20.61	24.21	26.56	3.311
105	63	35.22	21.58	25.15	28.75	31.20	3.659
105	67	37.44	16.02	19.69	23.32	25.72	3.677
105	71	39.76	10.51	14.19	17.56	20.16	3.721
115	63	33.17	20.63	24.24	27.87	30.35	4.079
115	67	35.24	15.21	18.63	22.39	24.84	4.088
115	71	37.41	9.67	13.35	16.87	19.27	4.114
120	63	32.12	20.12	23.75	27.44	29.97	4.311
120	67	34.01	14.78	18.35	21.93	24.35	4.315
120	71	36.20	9.28	12.91	16.46	18.90	4.341
125	63	31.01	19.64	23.28	26.99	29.49	4.532
125	67	32.82	14.32	17.89	21.44	23.89	4.556
125	71	34.93	8.82	12.50	16.06	18.41	4.587

Performance @ SASO 2682-2013						
Condition	OD-DB	ID-WB	ID-DB	Capacity	KW	EER
T1	95	66.2	80.4	38.49	3.29	11.71
T3	114.8	66.2	84.2	34.44	4.10	8.40

*** Performance at selected design conditions

* Dry coil condition (Total Capacity = Sensible Capacity)

Total capacity, compressor kW and app. dew point valid only for wetcoil

All temperatures in Degree F



Performance Data Cooling

Performance Tables - Capacities are net in Btuh/1000 - indoor fan heat deducted

Outdoor Model 4TTR6048B1S00AA / 4TTR6048B1SE0AA
 Indoor Model MCDB48D1PHAA / MCDA18D1THAA
 Airflow 1283

Values At ARI Rating Conditions

Total Net Capacity 44864 BTU/Hr
 Airflow 1283 CFM
 Compressor Power 2947 Watts
 Indoor Fan Power 638 Watts
 Outdoor Fan Power 223 Watts
 CoP 3.45
 EER 11.8

Correction Factors - Other Airflows

Airflow 1180 1350
 Total Capacity 0.98 1.01
 Sensible Capacity 0.96 1.03
 Compressor kW 0.99 1.00

Rated with 25 Feet 3/4 suction 3/8 liquid lines

O.D.D.B.	I.D.W.B.	TOTAL CAPACITY		SENSIBLE CAPACITY				kW
		72	75	78	80			
85	59	42.84	33.40	37.95	41.99	42.84	3.440	
85	63	44.49	26.94	31.35	35.67	38.70	3.442	
85	67	47.34	20.34	24.74	29.08	32.00	3.472	
95	59	40.95	32.36	37.02	39.99	40.95	3.782	
95	63	42.20	25.90	30.31	34.70	37.73	3.770	
95	67	44.86	19.37	23.77	28.12	30.96	3.820	
105	63	39.82	24.87	29.23	33.70	36.76	4.193	
105	67	42.29	18.31	22.75	27.10	29.94	4.216	
105	71	45.16	11.65	16.08	20.34	23.44	4.206	
115	63	37.36	23.79	28.19	32.67	35.75	4.612	
115	67	39.69	17.27	21.73	26.05	28.97	4.604	
115	71	42.33	10.68	15.13	19.53	22.27	4.670	
120	63	36.12	23.09	27.68	32.16	35.25	4.846	
120	67	38.32	16.80	21.17	25.55	28.47	4.880	
120	71	40.88	10.15	14.66	18.95	21.91	4.893	
125	63	34.85	22.69	27.16	31.66	34.64	5.066	
125	67	36.92	16.25	20.61	25.00	27.95	5.103	
125	71	39.37	9.67	14.12	18.50	21.38	5.137	

Performance @ SASO 2682						
Condition	OD-DB	ID-WB	ID-DB	Capacity	KW	EER
T1	95	66.2	80.4	43.32	3.73	11.62
T3	114.8	66.2	84.2	38.04	4.54	8.38

*** Performance at selected design conditions

* Dry coil condition (Total Capacity = Sensible Capacity)

Total capacity, compressor kW and app. dew point valid only for wetcoil

All temperatures in Degree F



Performance Data Cooling

Performance Tables - Capacities are net in Btuh/1000 - indoor fan heat deducted

Outdoor Model 4TTR6060B1S00AA / 4TTR6060B1SE0AA

Indoor Model MCDA60D1PHAA / MCDB601ZHAA

Airflow 1473

Values At ARI Rating Conditions

Total Net Capacity 53961 BTU/Hr
Airflow 1473 CFM
Compressor Power 3995 Watts
Indoor Fan Power 430 Watts
Outdoor Fan Power 212 Watts
CoP 3.40
EER 11.6

Correction Factors - Other Airflows

Airflow	1000	1800
Total Capacity	0.92	1.04
Sensible Capacity	0.83	1.12
Compressor kW	0.98	1.01

Rated with 25 Feet 3/4 suction 3/8 liquid lines

O.D.D.B.	I.D.W.B.	TOTAL CAPACITY		SENSIBLE CAPACITY			
		72	75	78	80	kW	
85	59	51.60	40.32	45.53	50.58	51.60	4.081
85	63	53.49	32.96	37.96	42.95	46.43	4.115
85	67	56.79	25.56	30.50	35.47	38.79	4.176
95	59	49.43	39.11	44.48	48.33	49.43	4.550
95	63	50.88	31.76	36.72	41.79	45.28	4.578
95	67	53.96	24.34	29.36	34.31	37.56	4.615
105	63	48.13	30.58	35.44	40.60	44.18	5.069
105	67	51.00	23.21	28.20	33.13	36.41	5.131
105	71	54.27	15.53	20.87	25.71	28.98	5.210
115	63	45.23	29.21	34.30	39.39	43.01	5.646
115	67	47.91	21.95	26.96	31.87	35.22	5.735
115	71	50.98	14.42	19.50	24.57	27.79	5.782
120	63	43.74	28.64	33.65	38.81	42.42	5.975
120	67	46.28	21.52	26.37	31.25	34.57	6.078
120	71	49.23	13.80	18.88	23.93	27.18	6.072
125	63	42.17	27.99	32.98	38.26	41.75	6.335
125	67	44.58	20.63	25.41	30.64	33.92	6.385
125	71	47.41	13.10	18.28	23.49	26.55	6.463

Performance @ SASO 2682-2013						
Condition	OD-DB	ID-WB	ID-DB	Capacity	KW	EER
T1	95	66.2	80.4	54.12	4.68	11.56
T3	114.8	66.2	84.2	48.79	5.83	8.37

*** Performance at selected design conditions

* Dry coil condition (Total Capacity = Sensible Capacity)

Total capacity, compressor kW and app. dew point valid only for wetcoil

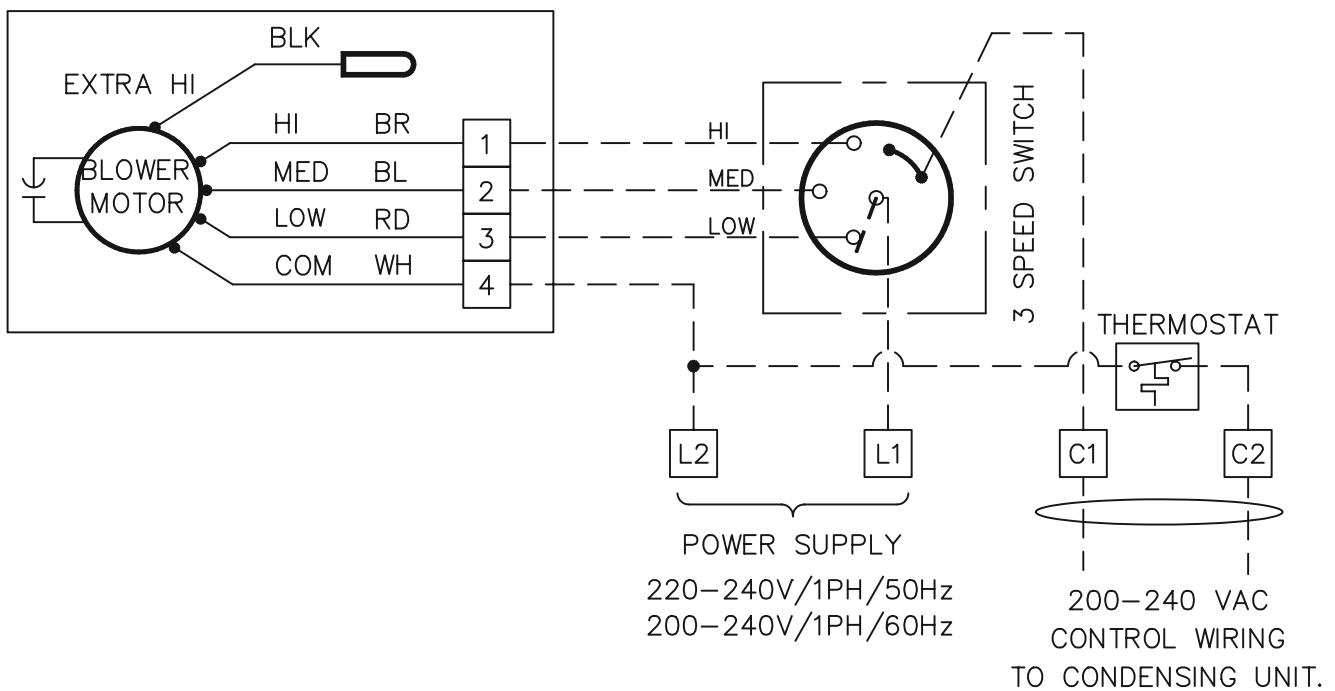
All temperatures in Degree F



Wiring Diagram/MCD

COOLING ONLY MCDA18-536 MCDB42-60

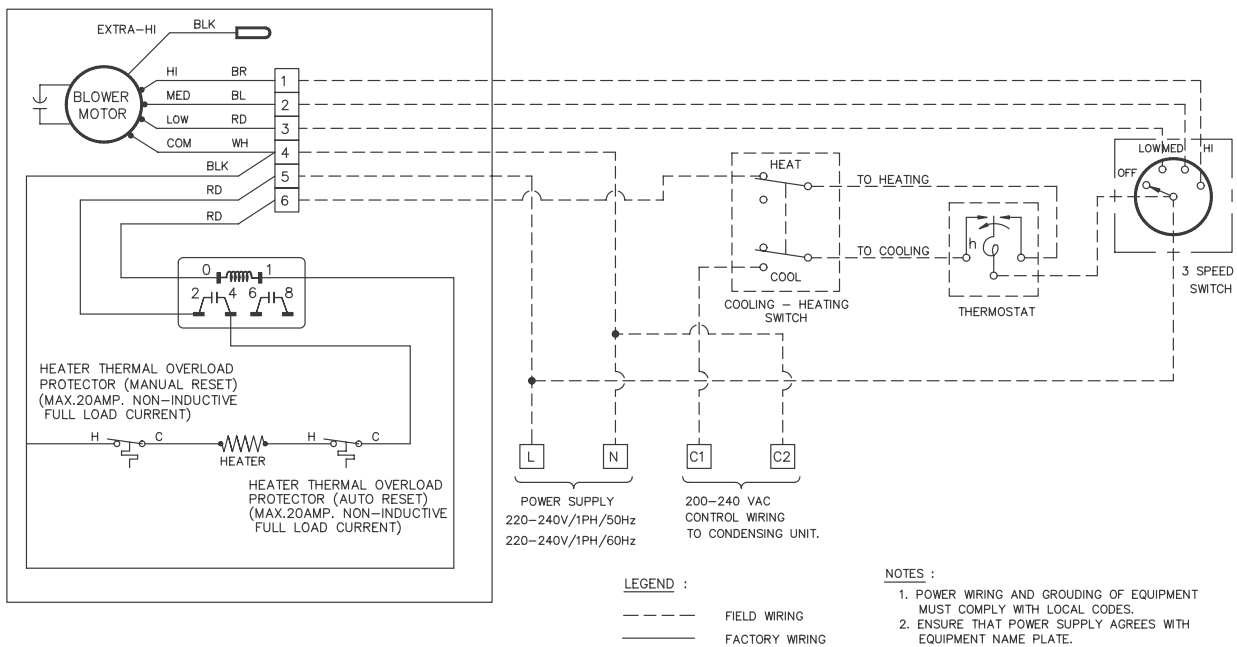
Remove HI-BR wire from TB-1 and replace with EXTRA HI-BLK wire when high speed/cfm is required in the field.



Wiring Diagram/MCD

COOLING HEATING MCDA18-524D1

REMOVE HI-BR WIRE FROM TB-1 AND REPLACE WITH EXTRA HI-BLK WIRE WHEN HI SPEED/CFM IS REQUIRED IN THE FIELD.

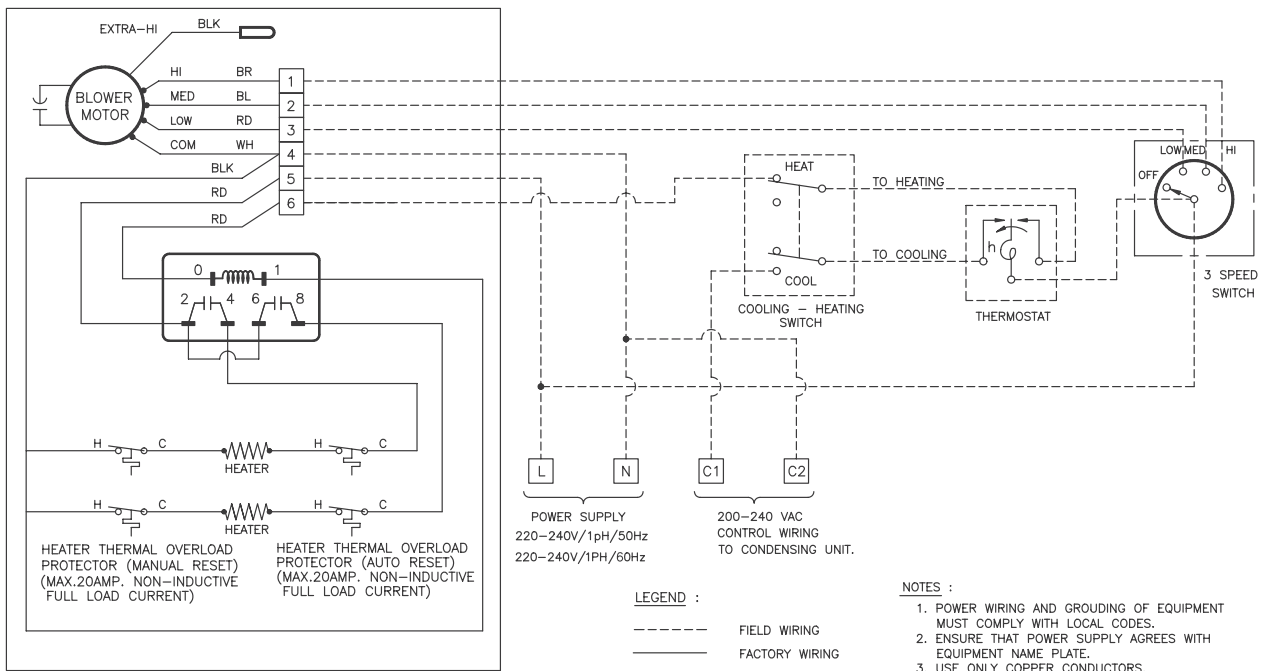




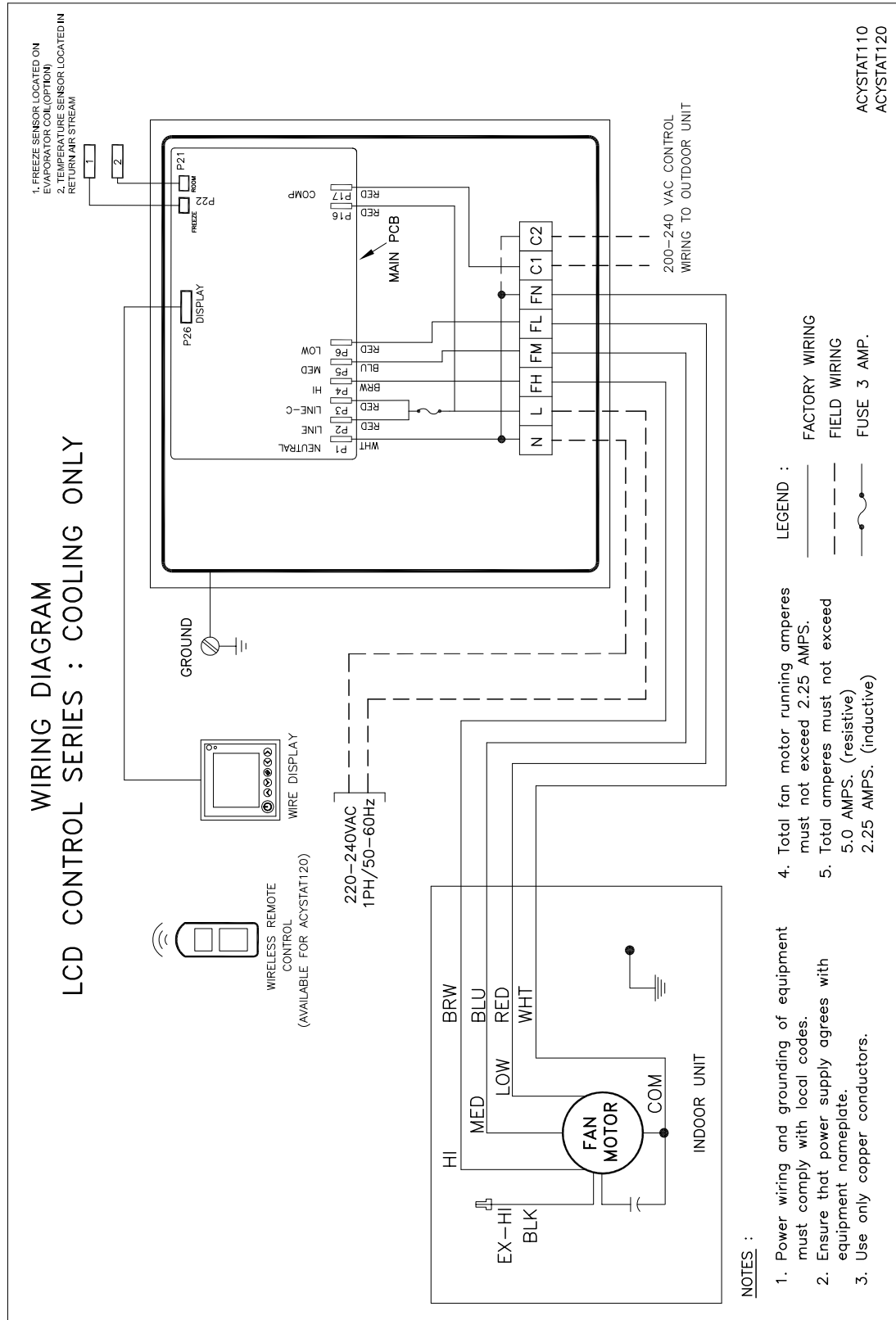
Wiring Diagram/MCD

COOLING HEATING MCDA30-36D1 MCDB42-60D1

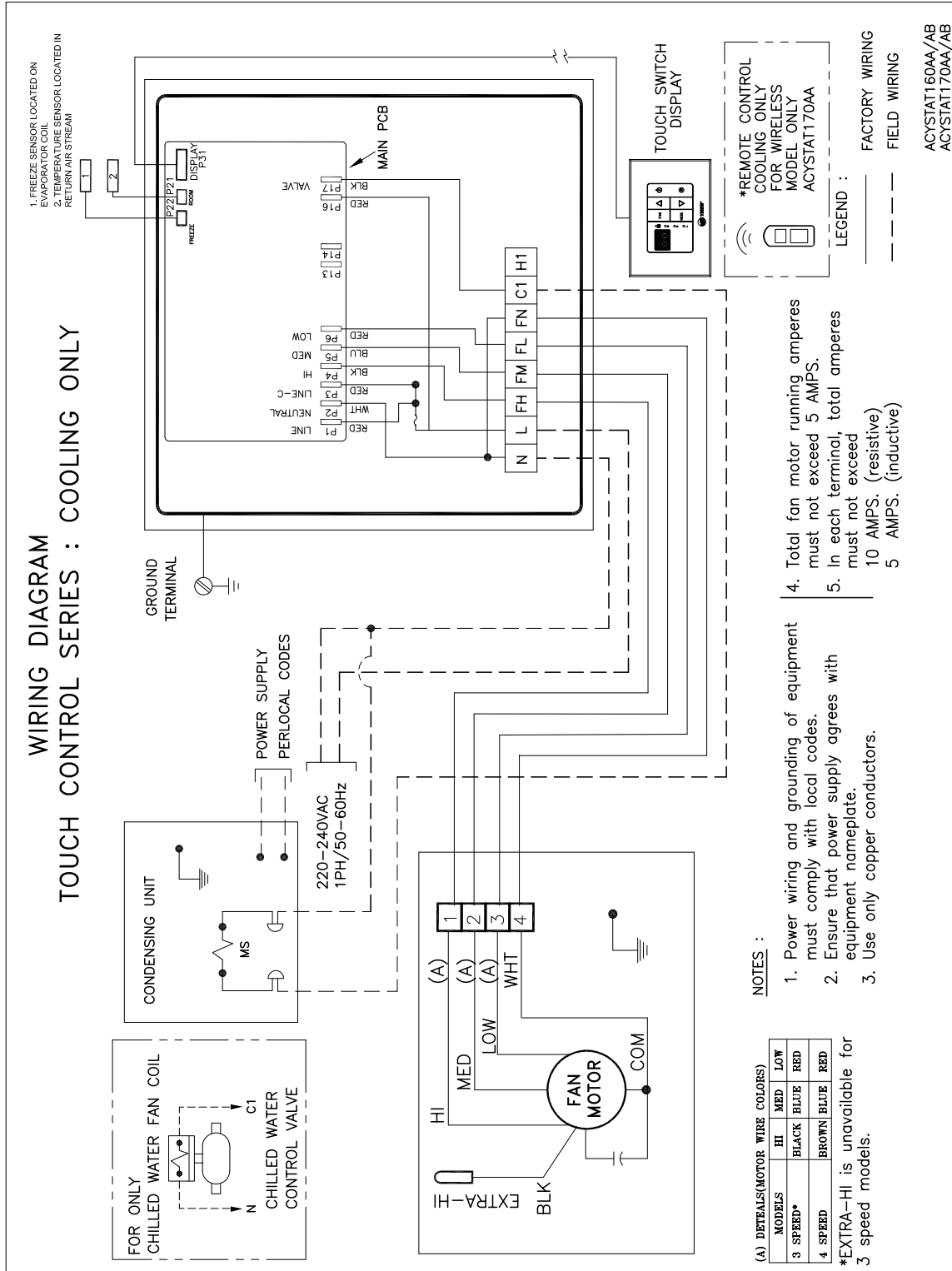
Remove HI-BR wire FROM TB-1 and replace with EXTRA HI-BLK wire when high speed/cfm is required in the field.



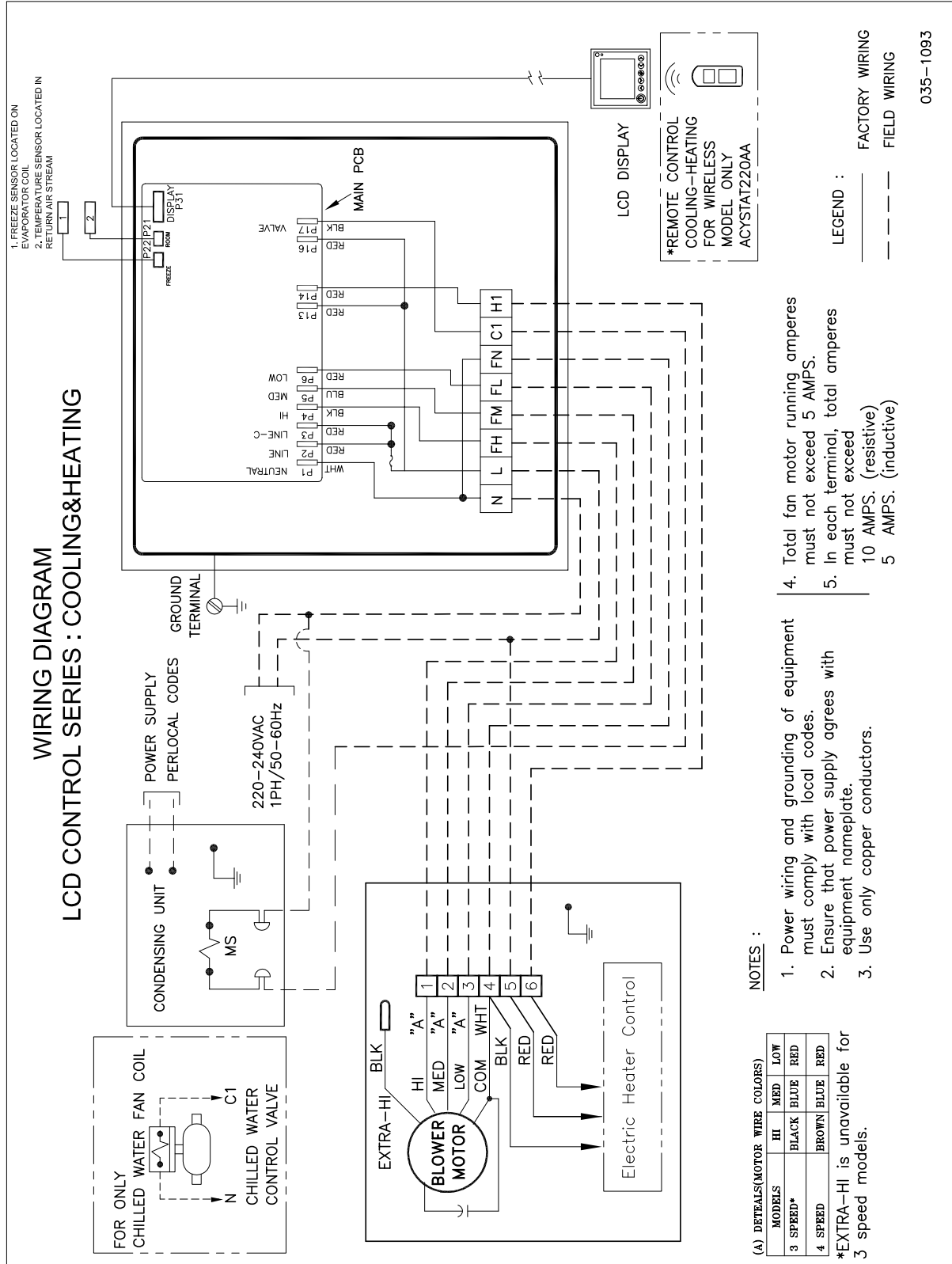
Wiring Diagram/MCD



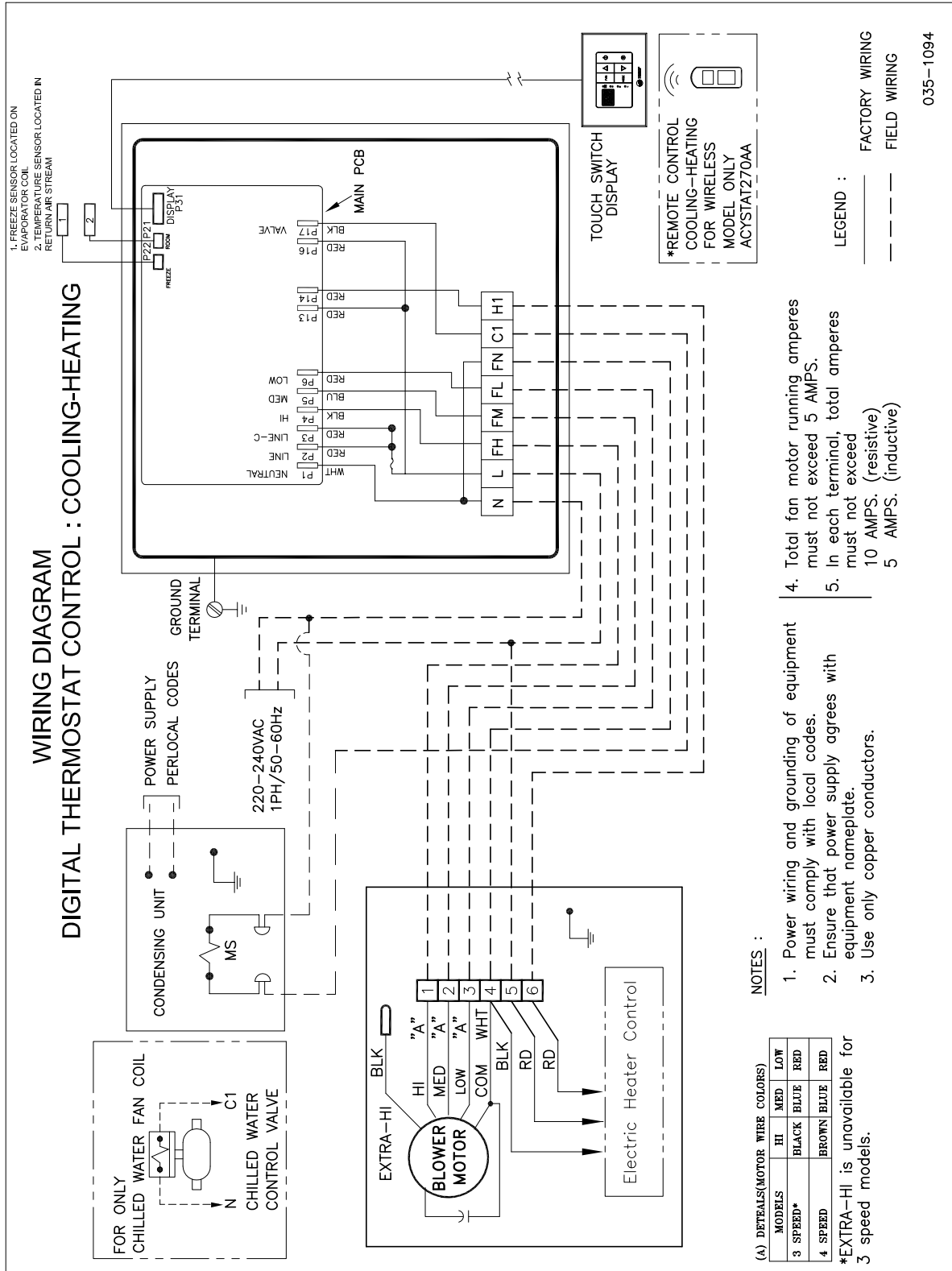
Wiring Diagram/MCD



Wiring Diagram/MCD



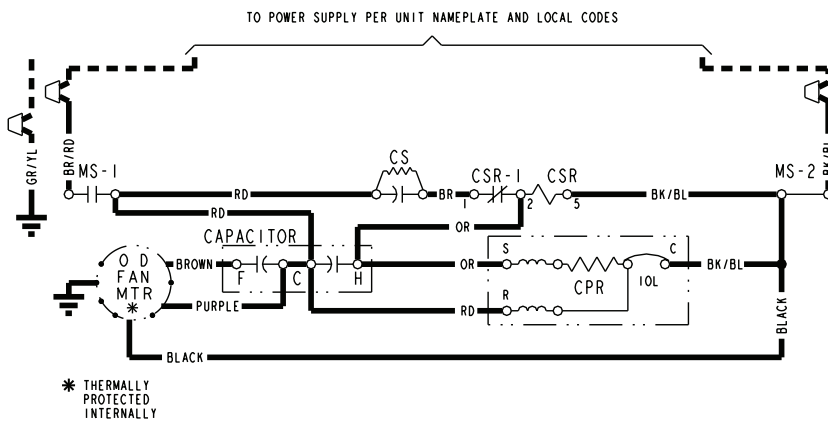
Wiring Diagram/MCD



Electrical Data/4TTR6

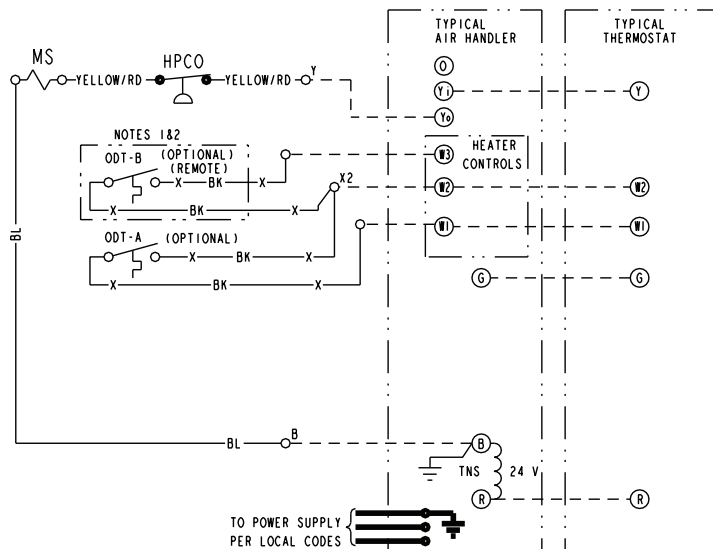
Schematic Diagrams

4TTR6018B, 4TTR6024B, 4TTR6030B



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

<p>⚠ WARNING</p> <p>HAZARDOUS VOLTAGE!</p> <p>DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING.</p> <p>FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH!</p>	<p>⚠ CAUTION</p> <p>USE COPPER CONDUCTORS ONLY! UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.</p> <p>FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT!</p>
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COLOR OF WIRE			
BK/BL	BLACK WIRE WITH BLUE MARKER		
COLOR OF MARKER			
BK	BLACK	OR	ORANGE
BL	BLUE	RD	RED
BR	BROWN	WH	WHITE
		YL	YELLOW
		GR	GREEN
		PR	PURPLE

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

FOR CANADIAN INSTALLATIONS
POUR INSTALLATIONS CANADIENNES

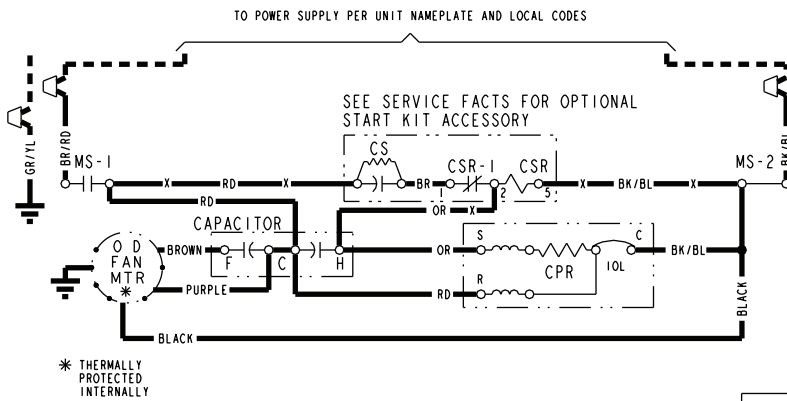
CAUTION: NOT SUITABLE FOR USE ON SYSTEMS EXCEEDING 150V-TO-GROUND.
ATTENTION: NE CONVIENT PAS AUX INSTALLATIONS DE PLUS DE 150 V A LA TERRE.



Electrical Data/4TTR6

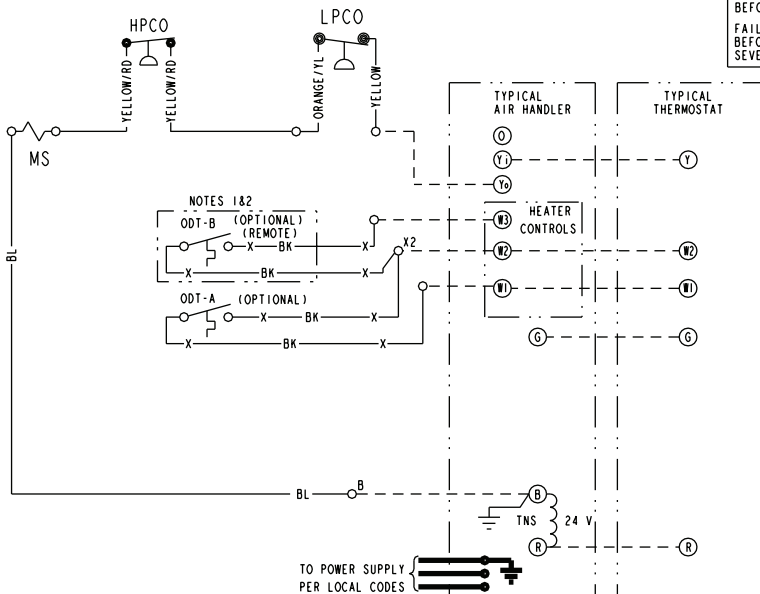
Schematic Diagrams

4TTR6036B



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

<p>⚠ WARNING HAZARDOUS VOLTAGE! DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING. FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH!</p>	<p>⚠ CAUTION USE COPPER CONDUCTORS ONLY! UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS. FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT!</p>
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- COLOR OF WIRE**
BK/BL BLACK WIRE WITH BLUE MARKER
- COLOR OF MARKER**
- | | | |
|----------|-----------|-----------|
| BK BLACK | OR ORANGE | YL YELLOW |
| BL BLUE | RD RED | GR GREEN |
| BR BROWN | WH WHITE | PR PURPLE |

NOTES:

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

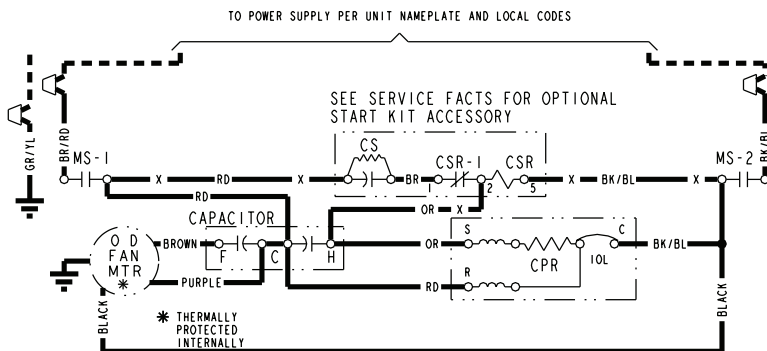
FOR CANADIAN INSTALLATIONS
POUR INSTALLATIONS CANADIENNES

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

Electrical Data/4TTR6

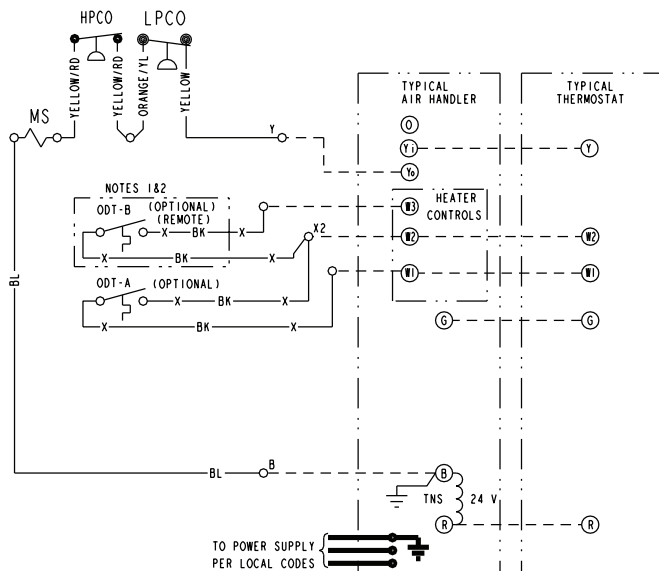
Schematic Diagrams

4TTR6048B



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

<p>⚠ WARNING HAZARDOUS VOLTAGE! DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING. FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH!</p>	<p>⚠ CAUTION USE COPPER CONDUCTORS ONLY! UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS. FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT!</p>
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COLOR OF WIRE		
BK/BL	BLACK WIRE WITH BLUE MARKER	
COLOR OF MARKER		
BK	OR	YL
BL	RD	GR
BR	WH	PR

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

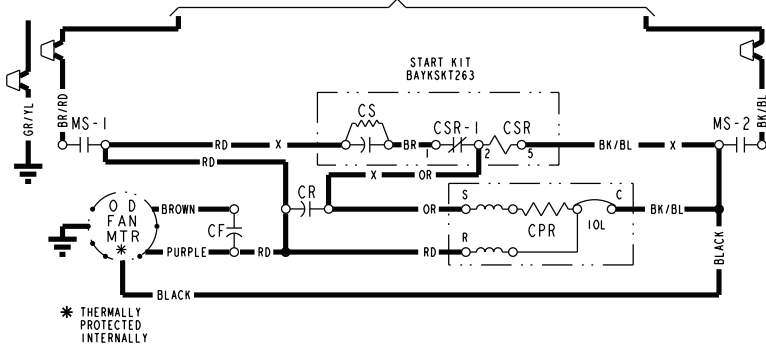
FOR CANADIAN INSTALLATIONS
POUR INSTALLATIONS CANADIENNES
CAUTION: NOT SUITABLE FOR USE ON SYSTEMS EXCEEDING 150V-TO-GROUND.
ATTENTION: NE CONVIENT PAS AUX INSTALLATIONS DE PLUS DE 150 V A LA TERRE.



Electrical Data/4TTR6

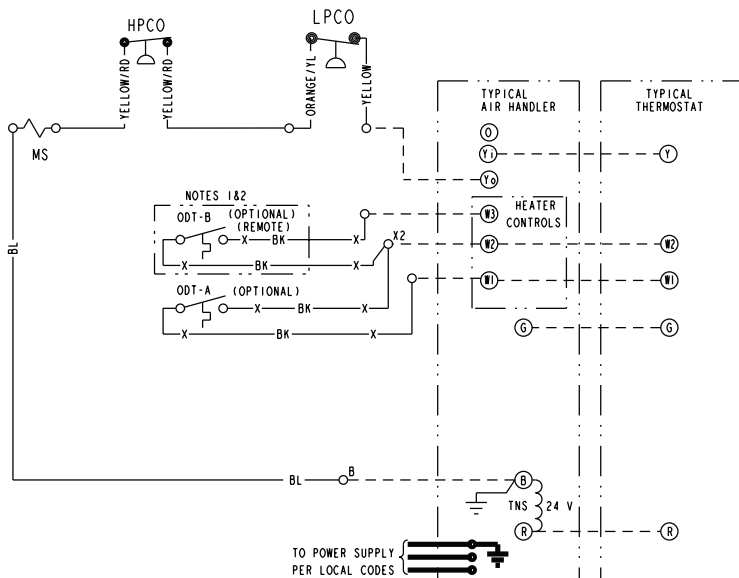
4TTR6060B

TO POWER SUPPLY PER UNIT NAMEPLATE AND LOCAL CODES



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

<p>⚠ WARNING HAZARDOUS VOLTAGE! DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING. FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH!</p>	<p>⚠ CAUTION USE COPPER CONDUCTORS ONLY! UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS. FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT!</p>
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COLOR OF WIRE	
BK/BL	BLACK WIRE WITH BLUE MARKER
COLOR OF MARKER	
BK	BLACK OR ORANGE
BL	BLUE
BR	BROWN
OR	ORANGE
RD	RED
WH	WHITE
YL	YELLOW
GR	GREEN
PR	PURPLE

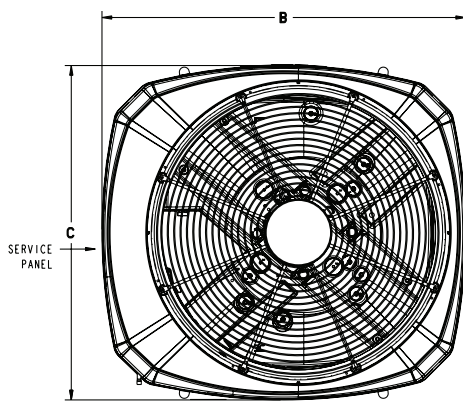
- NOTES:
- IF ODT-B IS NOT USED, ADD JUMPER BETWEEN W2 & W3 AT AIR HANDLER. IF USED, ODT-B MUST BE MOUNTED REMOTE OF CONTROL BOX IN AN APPROVED WEATHER PROOF ENCLOSURE.
 - IF ODT-A IS NOT USED, ADD JUMPER BETWEEN W1 & W2 AT AIR HANDLER.
 - LOW VOLTAGE (24 V.) FIELD WIRING MUST BE 18 AWG MIN.

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

Dimensions/4TTR6

4TTR6 Outline Drawing

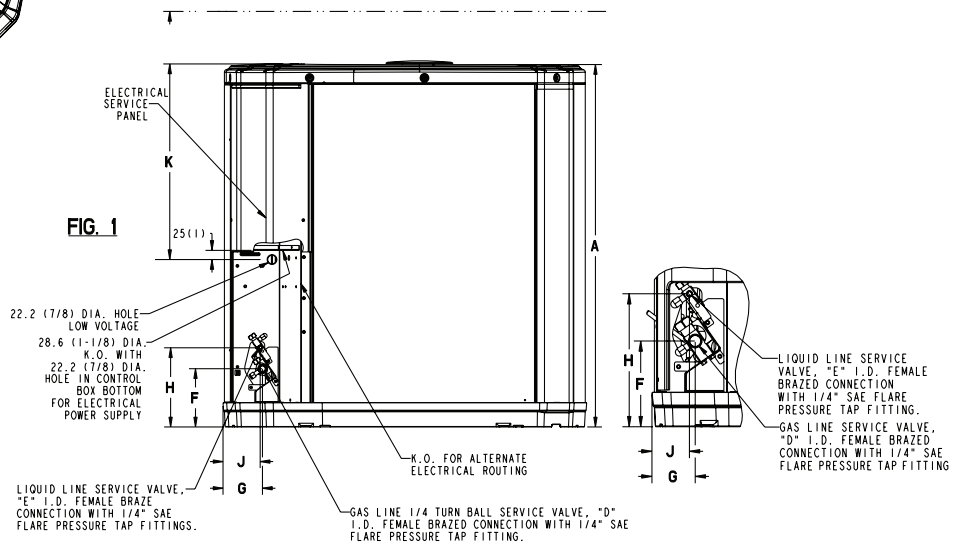
Note: All dimensions are in MM (Inches).



ELECTRICAL AND REFRIGERANT
COMPONENT CLEARANCES
PER PREVAILING CODES.

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.

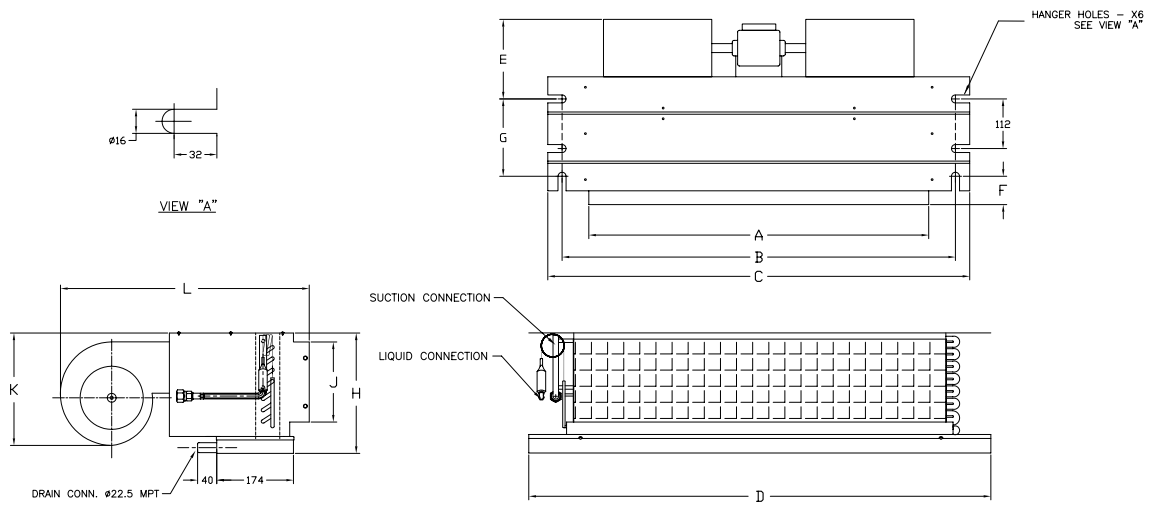
FIG. 1



MODELS	BASE	A	B	C	D	E	F	G	H	J	K
4TTR6018B	3	730 (28-3/4)	829 (32-5/8)	756 (29-3/4)	5/8	3/8	127 (5)	76 (3)	197 (7-3/4)	57 (2-1/4)	508 (20)
4TTR6024B	3	730 (28-3/4)	829 (32-5/8)	756 (29-3/4)	3/4	3/8	127 (5)	76 (3)	197 (7-3/4)	57 (2-1/4)	508 (20)
4TTR6030B	4	841 (33-1/8)	946 (37-1/4)	870 (34-1/4)	3/4	3/8	152 (6)	98 (3-7/8)	219 (8-5/8)	86 (3-3/8)	508 (20)
4TTR6036B	4	943 (37-1/8)	946 (37-1/4)	870 (34-1/4)	3/4	3/8	152 (6)	98 (3-7/8)	219 (8-5/8)	86 (3-3/8)	508 (20)
4TTR6042B	4	1045 (41 1/8)	946 (37-1/4)	870 (34-1/4)	7/8	3/8	152 (6)	98 (3-7/8)	219 (8-5/8)	86 (3-3/8)	508 (20)
4TTR6048B	4	1147 (45 1/8)	946 (37-1/4)	870 (34-1/4)	7/8	3/8	152 (6)	98 (3-7/8)	219 (8-5/8)	86 (3-3/8)	508 (20)
4TTR6060B	4	1147 (45 1/8)	946 (37-1/4)	870 (34-1/4)	7/8	3/8	152 (6)	98 (3-7/8)	219 (8-5/8)	86 (3-3/8)	508 (20)



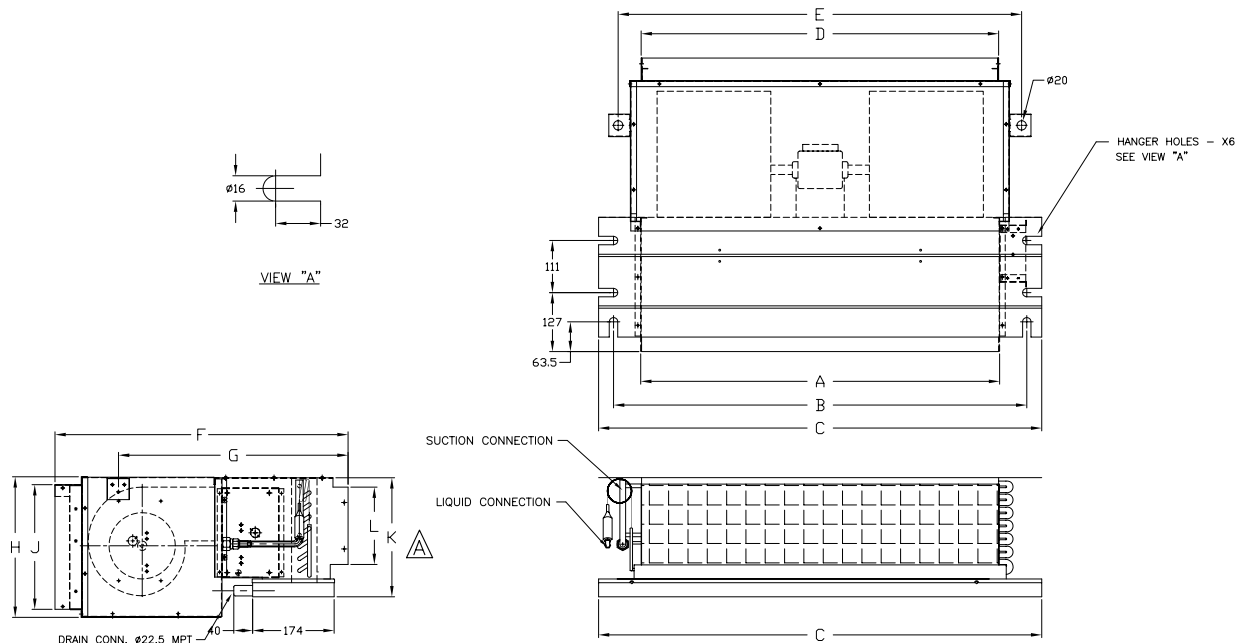
Dimensional Data/MCD



Model	All External Dimensions are in mm.											Refrig Line Conn. Size.		Number Of	
	A	B	C	D	E	F	G	H	J	K	L	Liquid	Suction	Fan(s)	Motor(s)
MCD009AA5	794	845	883	946	250	35	152	260	193	228	445	1/4"(6.35)	1/2"(12.7)	2	1
MCD012AA5	794	845	883	946	250	35	152	260	193	228	445	3/8"(9.53)	5/8"(15.87)	2	1
MCD018AA5	972	1022	1061	1098	310	35	152	260	193	228	482	3/8"(9.53)	5/8"(15.87)	2	1
MCD024AA5	972	1022	1061	1098	360	35	152	260	193	325	520	3/8"(9.53)	5/8"(15.87)	2	1
MCD512DB/D1	764	882	946	946	274	64	181	258	165	252	496	1/4"(6.35)	1/2"(12.7)	2	1
MCD518DB/D1	764	882	946	946	274	64	181	258	165	252	496	1/4"(6.35)	1/2"(12.7)	2	1
MCD524DB/D1	764	882	946	946	274	64	181	258	165	252	510	3/8"(9.52)	5/8"(15.87)	2	1
MCD530DB/D1	916	1034	1098	1098	274	64	181	258	165	252	510	3/8"(9.52)	5/8"(15.87)	2	1
MCD536DB/D1	1069	1187	1251	1251	274	64	181	258	165	252	510	3/8"(9.52)	3/4"(19.05)	2	1

Note : From the experience of our Trane technician, based on the design condition, at velocity at supply air grille of 300 ft./min. for bedroom and 400 ft./min. for office (based on free face area), The length of the air duct should be less than 60 cm. for Model MCD009AA5-024AA5 and the length of duct should be more than 3 m. for Model MCD512D-536D.

Dimensional Data/MCD



Model	All External Dimensions are in mm.											Refrig Line Conn. Size.		Number Of			
	A	B	C	D	E	F	G	H	J	K	L	Liquid	Suction	Fan(s)	Motor(s)		
MCD512DB/D1	764	882	946	779	857	625	490	300	266	258	165	1/4"(6.35)	1/2"(12.7)	2	1		
MCD518DB/D1	764	882	946	779	857	625	490	300	266	258	165	1/4"(6.35)	1/2"(12.7)	2	1		
MCD524DB/D1	764	882	946	779	857	625	490	300	266	258	165	3/8"(9.52)	5/8"(15.87)	2	1		
MCD530DB/D1	916	1034	1098	931	1009	625	490	300	266	258	165	3/8"(9.52)	5/8"(15.87)	2	1		
MCD536DB/D1	1069	1187	1251	1084	1162	625	490	300	266	258	165	3/8"(9.52)	3/4"(19.05)	2	1		
MCD048DB	916	1034	1098	907	1013	759	615	394	354	408	352	1/2"(12.7)	7/8"(22.23)	2	1		
MCD060DB	1069	1187	1251	1060	1166	759	615	394	354	408	352	1/2"(12.7)	7/8"(22.23)	2	1		
MCD030EB5	1069	1187	1251	1084	1162	672	534	348	272	258	165	3/8"(9.53)	3/4"(19.05)	2	1		
MCD036EB5	916	1034	1098	907	1013	759	615	394	354	408	352	3/4"(19.05)	3/8"(9.53)	2	1		
MCD042EB5	916	1034	1098	907	1013	759	615	394	354	408	352	7/8"(22.23)	3/8"(9.53)	2	1		
Model	All External Dimensions are in inch (mm)											Refrig. Line Conn. Size (SWEAT TYPE)		Refrig. Line Conn. Size (FLARE TYPE)		Number Of	
	A	B	C	D	E	F	G	H	J	K	L	Suction	Liquid	Suction	Liquid	Fan(s)	Motor(s)
MCD A18D1	972	1022	1251	919	1077	538	440	304	221	258	193	-	-	5/8"(15.87)	3/8"(9.53)	2	1
MCD A24D1	972	1022	1251	919	1077	538	440	304	221	258	193	-	-	5/8"(15.87)	3/8"(9.53)	2	1
MCD A30D1	1069	1187	1251	1005	1166	724	577	394	354	258	165	-	-	3/4"(19.05)	3/8"(9.53)	2	1
MCD A36D1	916	1034	1098	851	1013	759	615	394	354	408	352	-	-	3/4"(19.05)	3/8"(9.53)	2	1
MCD B42D1	916	1034	1098	851	1013	759	615	394	354	408	352	7/8"(22.23)	3/8"(9.53)	-	-	2	1
MCD B48D1	1069	1187	1251	1005	1166	759	615	394	354	408	352	7/8"(22.23)	3/8"(9.53)	-	-	2	1
MCD A18DB	972	1022	1060	919	1077	538	440	304	221	258	193	-	-	3/4"(19.05)	3/8"(9.53)	2	1
MCD A24DB	916	1034	1098	919	1077	538	440	304	221	258	193	-	-	3/4"(19.05)	3/8"(9.53)	2	1
MCD A30DB	1069	1187	1251	1005	1166	354	394	577	354	258	165	-	-	3/4"(19.05)	3/8"(9.53)	2	1
MCD A36DB	916	1034	1098	851	1013	354	394	615	354	408	352	-	-	7/8"(22.23)	3/8"(9.53)	2	1
MCD B42DB	916	1034	1098	851	1013	354	394	615	354	408	352	7/8"(22.23)	3/8"(9.53)	-	-	2	1
MCD B48DB	1069	1187	1251	1005	1166	354	394	615	354	408	352	7/8"(22.23)	3/8"(9.53)	-	-	2	1
MCD B60DB	1069	1187	1251	1005	1166	354	394	615	354	408	352	7/8"(22.23)	3/8"(9.53)	-	-	2	1

Note : From the experience of our Trane technician, based on the design condition, at velocity at supply air grille of 300 ft./min. for bedroom and 400 ft./min. for office (based on free face area), The length of the air duct should be less than 60 cm. for Model MCD030EB5-042EB5 and the length of duct should be more than 3 m. for Model MCD512D-060D.



Mechanical Specification

General

The 4TTR6 is fully charged from the factory for up to 15 feet of piping. This unit is designed to operate at outdoor ambient temperatures as high as 125°F. Cooling capacities are matched with a wide selection of air handlers and furnace coils that are AHRI certified. The unit is certified to UL 1995. Exterior is designed for outdoor application.

Casing

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

Refrigerant Controls

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

Compressor

The Climatuff® compressor features internal over temperature and pressure protection and total dipped hermetic motor. Other features include: centrifugal oil pump and low vibration and noise.

Condenser Coil

The outdoor coil provides low airflow resistance and efficient heat transfer. The coil is protected on all four sides by louvered panels.

Low Ambient Cooling

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

Accessories

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



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