# SUBMITTAL DATA SHEET

# FULL-CASED MULTI-POSITION ADD-ON COILS FOR USE WITH SPLIT-SYSTEM COOLING & HEAT PUMPS

#### MODELS: CM

JOB NAME:			LOCATION:	
PURCHASER:			ORDER NO:	
ENGINEER:				
SUBMITTED TO:	FOR:	REF:	APPROVAL:	CONSTRUCTION:
SUBMITTED BY:			DATE:	
UNIT DESIGNATION:			SCHEDULE NO.	MODEL NO.

#### PRODUCT DATA

Cooling Performance		
Total Capacity*	MBH	
Sensible Capacity*	MBH	
Temperature of Air Entering Indoor Coil°F (DB/WB		
Supply Air Blower Performanc	e	
Total Supply Air		CFM
<b>Total Resistance External To Unit</b>		IWG
Blower Speed Tap		RPM
Motor Rating		HP
Unit Weight		
Total Operating Weight (Including field-installed accessor	LB\$ ries)	8

\* Shown in Outdoor Unit Technical Guide

### **CLEARANCES**

Front	24"
Rear	0"
Sides	0"
B III II	

Recommended service clearance.



# FIELD INSTALLED ACCESSORIES

- □ Capacity\_\_\_\_\_MBH □ Filter Rack (#\_\_\_\_\_)
- □ Interconnecting Lines. . . . . Length\_\_\_\_\_ Ft
- Thermal Expansion Valve Kit (#\_\_\_\_\_)
- UV Light Kit \_\_\_\_

# **MATCHED INDOOR UNIT**

- □ Model Number (#\_\_\_\_\_)
- Submittal Part Number (#\_\_\_\_\_\_

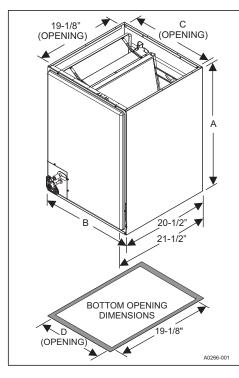
# MATCHED OUTDOOR UNIT

Model Number (#\_\_\_\_\_)
Submittal Part Number (#\_\_\_\_\_)

#### **FEATURES**

- **Rigid Case Construction** An interior endoskeleton provides structural support eliminating screw heads protruding from the side of the cabinet that could damage property when being installed.
- **Cabinet** Constructed of heavy gauge galvanized steel with a primer and finish coat providing a high quality corrosion resistant finish.
- MaxAlloy™ Coil Long life aluminum coils built to deliver lasting performance, efficiency and reliability.
- Foil faced insulation The entire cabinet is insulated with a single piece of cleanable foil faced insulation retained by the endoskeleton. The cabinet design is such that all edges of the insulation are contained.
- Electronic Expansion Valve (EEV) Factory installed on select models and sized to match with specific high-efficiency variable capacity outdoor units.
- **Compact Cabinet** With the coil and access door removed, the CM coil has a 20.5" casing depth in all models which provide ease of attic access and space constrained applications.
- Thermoset Drain Pan Corrosion and UV resistant with a positive slope for proper drainage. Low water retention design maximizes indoor air quality and consumer comfort.
- Low Leakage Cabinet Design Fully gasketed doors minimizes air leakage to no more than 2% when measured at 1.0" esp. minimizing conditioned air leakage and infiltration.
- **Duct Flange** Duct flanges are supplied to be field installed when required.
- **Thermostatic Expansion Valves (TXV)** Select factory installed and field installed models are available utilizing chatleff fittings (no brazing required).

#### **DIMENSIONS - INCHES**



#### CM MULTI-POSITION FULL CASED COILS

Model	Dimensions (inches)			Weight (Ibs)		Metering	Refrigerant <sup>1</sup> Connections		
model	Tall	Wide	Openin	g Width			Device	Line	Size
	Α	В	С	D		Operate		Liquid	
CM - Indoor C	oil Mult	i-positio	on MaxAl	loy™ No	Facto	ory Instal	led Meterin	g Devic	е
CM18AXA1 19-1/2 14-1/2 13-1/2 13-1/2 40 39 Flex									
CM18BXA1	19	17-1/2	16-1/2	16-1/2	42	41	Flex		3/4
CM24AXA1	19-1/2	14-1/2	13-1/2	13-1/2	43	42	Flex		
CM24BXA1	19	17-1/2	16-1/2	16-1/2	44	43	Flex		
CM24CXA1	21	21	20	20	45	44	Flex		
CM30AXA1	25-1/2	14-1/2	13-1/2	13-1/2	49	48	Flex		
CM30BXA1	23	17-1/2	16-1/2	16-1/2	52	51	Flex		
CM30CXA1	23	21	20	20	53	52	Flex		
CM30DXA1	25	24/1/2	23-1/2	23-1/2	54	53	Flex		
CM36AXA1	25-1/2	14-1/2	13-1/2	13-1/2	53	52	Flex		
CM36BXA1	25-5/8	17-1/2	16-1/2	16-1/2	55	54	Flex		
CM36CXA1	25 3/0	21	20	20	56	55	Flex	- 3/8	
CM36DXA1	25	24-1/2	23-1/2	23-1/2	63	62	Flex		
CM30DXA1 CM42CXA1	27	24-1/2	20		61		Flex		
CM42CXA1 CM42DXA1	27	21	20	20 23-1/2	64	60 63	Flex		
CM42DXA1 CM48CXA1	33	24-1/2	23-1/2		-		Flex		
				20	65	64			
CM48DXA1	32-3/4	24-1/2	23-1/2	23-1/2	67	66	Flex		7/0
CM50CXA1	37-1/4	21	20	20	81	80	Flex		7/8
CM60DXA2	33	21	20	20	75	74	Flex		
CM60DXA2	32-3/4	24-1/2	23-1/2	23-1/2	77	76	Flex		
CM61DXA1	37-1/4	24-1/2	23-1/2	23-1/2	81	80	Flex		
CM64DXA1		24-1/2	23-1/2	23-1/2	83	82	Flex		
CM - Indoor Co		-		-					
CM18ABAA1	19-1/2	14-1/2	13-1/2	13-1/2	42	41	FM TXV		3/4
CM18ABHA1	19-1/2	14-1/2	13-1/2	13-1/2	42	41	FM TXV		
CM24ABAA1	19-1/2	14-1/2	13-1/2	13-1/2	44	43	FM TXV		
CM24ABHA1	19-1/2	14-1/2	13-1/2	13-1/2	44	43	FM TXV		
CM24BBAA1	19	17-1/2	16-1/2	16-1/2	45	44	FM TXV		
CM24BBHA1	19	17-1/2	16-1/2	16-1/2	45	44	FM TXV		
CM30ABBA1	25-1/2	14-1/2	13-1/2	13-1/2	50	49	FM TXV		
CM30BBAA1	23	17-1/2	16-1/2	16-1/2	52	51	FM TXV		
CM30BBBA1	23	17-1/2	16-1/2	16-1/2	52	51	FM TXV		
CM30BBHA1	23	17-1/2	16-1/2	16-1/2	52	51	FM TXV		
CM36BBAA1	25-5/8	17-1/2	16-1/2	16-1/2	56	55	FM TXV	3/8	
CM36BBCA1	25-5/8	17-1/2	16-1/2	16-1/2	56	55	FM TXV		
CM36CBCA1	25	21	20	20	57	56	FM TXV		
CM42CBAA1	27	21	20	20	62	61	FM TXV		
CM42CBCA1						01		-	
	27	21	20	20		61	FM TXV		
CM48CBBA1	27 33	21 21	20 20	20 20	62	61	FM TXV FM TXV		
CM48CBBA1 CM48CBCA1	33	21	20	20	62 68	61 67	FM TXV		
CM48CBCA1	33 33	21 21	20 20	20 20	62 68 68	61 67 67	FM TXV FM TXV		7/8
CM48CBCA1 CM48DBCA1	33 33 32-3/4	21 21 24-1/2	20 20 23-1/2	20 20 23-1/2	62 68 68 69	61 67 67 68	FM TXV FM TXV FM TXV		7/8
CM48CBCA1 CM48DBCA1 CM60CBDA2	33 33 32-3/4 33	21 21 24-1/2 21	20 20 23-1/2 20	20 20 23-1/2 20	62 68 68 69 78	61 67 67 68 77	FM TXV FM TXV FM TXV FM TXV		7/8
CM48CBCA1 CM48DBCA1 CM60CBDA2 CM60CBGA2	33 33 32-3/4 33 33	21 21 24-1/2 21 21	20 20 23-1/2 20 20	20 20 23-1/2 20 20	62 68 68 69 78 78	61 67 68 77 77	FM TXV FM TXV FM TXV FM TXV FM TXV		7/8
CM48CBCA1 CM48DBCA1 CM60CBDA2 CM60CBGA2 CM60DBDA2	33 33 32-3/4 33 33 32-3/4	21 21 24-1/2 21 21 24-1/2	20 20 23-1/2 20 20 23-1/2	20 20 23-1/2 20 20 23-1/2	62 68 69 78 78 80	61 67 68 77 77 79	FM TXV FM TXV FM TXV FM TXV FM TXV FM TXV		7/8
CM48CBCA1 CM48DBCA1 CM60CBDA2 CM60CBGA2 CM60DBDA2 CM60DBDA2 CM - Indoor Co	33 33 32-3/4 33 33 32-3/4 <b>bil Multi</b>	21 21 24-1/2 21 21 24-1/2 <b>-positio</b>	20 20 23-1/2 20 20 23-1/2 <b>n MaxAll</b>	20 20 23-1/2 20 20 23-1/2 oy™ Fac	62 68 69 78 78 80 <b>tory li</b>	61 67 68 77 77 79 nstalled	FM TXV FM TXV FM TXV FM TXV FM TXV FM TXV EEV Coils		7/8
CM48CBCA1 CM48DBCA1 CM60CBDA2 CM60CBGA2 CM60DBDA2 CM - Indoor Co CM25BE1A1	33 33 32-3/4 33 33 32-3/4 <b>bil Multi</b> 25-5/8	21 21 24-1/2 21 21 24-1/2 <b>-positio</b> 17-1/2	20 23-1/2 20 23-1/2 20 23-1/2 <b>n MaxAll</b> 16-1/2	20 20 23-1/2 20 20 23-1/2 <b>oy™ Fac</b> 16-1/2	62 68 69 78 78 80 <b>tory li</b> 56	61 67 68 77 77 79 nstalled 55	FM TXV FM TXV FM TXV FM TXV FM TXV FM TXV EEV Coils FM EEV		7/8
CM48CBCA1 CM48DBCA1 CM60CBDA2 CM60CBGA2 CM60DBDA2 CM - Indoor Co CM25BE1A1 CM37BE2A1	33 32-3/4 33 32-3/4 33 32-3/4 <b>bil Multi</b> 25-5/8 25-5/8	21 24-1/2 21 24-1/2 24-1/2 <b>-positio</b> 17-1/2 17-1/2	20 23-1/2 20 23-1/2 20 23-1/2 <b>n MaxAll</b> 16-1/2 16-1/2	20 23-1/2 20 23-1/2 0y <sup>™</sup> Fac 16-1/2 16-1/2	62 68 69 78 78 80 <b>tory li</b> 56 57	61 67 68 77 77 79 nstalled 55 56	FM TXV FM TXV FM TXV FM TXV FM TXV FM TXV FM TXV EEV Coils FM EEV FM EEV		7/8
CM48CBCA1 CM48DBCA1 CM60CBDA2 CM60CBGA2 CM60DBDA2 CM - Indoor CC CM25BE1A1 CM37BE2A1 CM37CE2A1	33 32-3/4 33 32-3/4 33 32-3/4 <b>bil Multi</b> 25-5/8 25-5/8 25-5/8 25	21 24-1/2 21 24-1/2 24-1/2 <b>positio</b> 17-1/2 17-1/2 21	20 23-1/2 20 23-1/2 <b>n MaxAll</b> 16-1/2 16-1/2 20	20 23-1/2 20 23-1/2 0y <sup>™</sup> Fac 16-1/2 16-1/2 20	62 68 69 78 78 80 tory li 56 57 57	61 67 68 77 77 79 nstalled 55 56 56	FM TXV FM TXV FM TXV FM TXV FM TXV FM TXV FM TXV EEV Coils FM EEV FM EEV FM EEV		
CM48CBCA1 CM48DBCA1 CM60CBDA2 CM60CBGA2 CM60DBDA2 CM - Indoor CC CM25BE1A1 CM37BE2A1 CM37CE2A1 CM38CE2A1	33 32-3/4 33 32-3/4 33 32-3/4 <b>5</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b>	21 24-1/2 21 24-1/2 24-1/2 <b>-positio</b> 17-1/2 17-1/2 21 21	20 23-1/2 20 23-1/2 <b>n MaxAll</b> 16-1/2 16-1/2 20 20	20 20 23-1/2 20 23-1/2 oy™ Fac 16-1/2 16-1/2 20 20	62 68 69 78 78 80 <b>tory li</b> 56 57 57 57	61 67 68 77 77 79 <b>nstalled</b> 55 56 56 56 56	FM TXV FM TXV FM TXV FM TXV FM TXV FM TXV FM TXV EEV Coils FM EEV FM EEV FM EEV FM EEV		
CM48CBCA1 CM48DBCA1 CM60CBDA2 CM60CBGA2 CM60DBDA2 CM - Indoor CC CM25BE1A1 CM37BE2A1 CM37CE2A1 CM38CE2A1 CM49CE3A1	33 32-3/4 33 32-3/4 31 32-3/4 <b>il Multi</b> 25-5/8 25-5/8 25 25 25 33	21 24-1/2 21 24-1/2 <b>positio</b> 17-1/2 17-1/2 21 21 21 21	20 23-1/2 20 23-1/2 <b>n MaxAll</b> 16-1/2 16-1/2 20 20 20	20 20 23-1/2 20 23-1/2 oy™ Fac 16-1/2 16-1/2 20 20 20	62 68 69 78 78 80 tory li 56 57 57 57 57	61 67 68 77 77 79 <b>nstalled</b> 55 56 56 56 56 56 75	FM TXV FM TXV FM TXV FM TXV FM TXV FM TXV FM TXV FM TXV FM EEV FM EEV FM EEV FM EEV FM EEV	3/8	
CM48CBCA1 CM48DBCA1 CM60CBDA2 CM60CBGA2 CM60DBDA2 CM - Indoor CC CM25BE1A1 CM37BE2A1 CM37CE2A1 CM38CE2A1 CM49CE3A1 CM49DE3A1	33 32-3/4 33 32-3/4 <b>iii Multi</b> 25-5/8 25-5/8 25 25 33 32-3/4	21 24-1/2 21 24-1/2 <b>positio</b> 17-1/2 17-1/2 21 21 21 24-1/2	20 20 23-1/2 20 23-1/2 <b>n MaxAll</b> 16-1/2 16-1/2 20 20 20 20 23-1/2	20 23-1/2 20 23-1/2 <b>oy™ Fac</b> 16-1/2 16-1/2 20 20 20 23-1/2	62 68 69 78 78 80 tory li 56 57 57 57 76 78	61 67 68 77 77 79 <b>nstalled</b> 55 56 56 56 56 56 75 77	FM TXV FM TXV FM TXV FM TXV FM TXV FM TXV FM TXV FM TXV FM EEV FM EEV FM EEV FM EEV FM EEV FM EEV	3/8	
CM48CBCA1 CM48DBCA1 CM60CBDA2 CM60CBGA2 CM60DBDA2 CM - Indoor CC CM25BE1A1 CM37BE2A1 CM37CE2A1 CM38CE2A1 CM49CE3A1 CM49DE3A1 CM50CE3A1	33 32-3/4 33 32-3/4 <b>bil Multi</b> 25-5/8 25-5/8 25 25 33 32-3/4 37-1/4	21 24-1/2 21 24-1/2 <b>positio</b> 17-1/2 17-1/2 21 21 21 24-1/2 21	20 23-1/2 20 23-1/2 <b>n MaxAll</b> 16-1/2 16-1/2 20 20 20 23-1/2 20	20 23-1/2 20 23-1/2 <b>oy™ Fac</b> 16-1/2 16-1/2 20 20 20 23-1/2 20	62 68 69 78 78 80 <b>tory li</b> 56 57 57 57 76 78 81	61 67 68 77 77 79 <b>nstalled</b> 55 56 56 56 56 56 75 77 80	FM TXV FM TXV FM TXV FM TXV FM TXV FM TXV FM TXV FM TXV FM EEV FM EEV FM EEV FM EEV FM EEV FM EEV FM EEV	3/8	3/4
CM48CBCA1 CM48DBCA1 CM60CBDA2 CM60CBGA2 CM60DBDA2 CM - Indoor CC CM25BE1A1 CM37BE2A1 CM37CE2A1 CM37CE2A1 CM38CE2A1 CM49CE3A1 CM49DE3A1 CM50CE3A1	33 32-3/4 33 32-3/4 <b>bil Multi</b> 25-5/8 25-5/8 25 25 33 32-3/4 37-1/4 27-1/4	21 24-1/2 21 24-1/2 <b>positio</b> 17-1/2 17-1/2 21 21 24-1/2 21 24-1/2	20 23-1/2 20 23-1/2 <b>n MaxAll</b> 16-1/2 16-1/2 20 20 20 23-1/2 20 23-1/2	20 23-1/2 20 23-1/2 <b>oy™ Fac</b> 16-1/2 16-1/2 20 20 20 23-1/2 20 23-1/2	62 68 69 78 80 tory li 56 57 57 57 76 78 81 81	61 67 68 77 77 79 <b>nstalled</b> 55 56 56 56 56 56 75 77 80 80	FM TXV FM TXV FM TXV FM TXV FM TXV FM TXV FM TXV FM TXV FM EEV FM EEV FM EEV FM EEV FM EEV FM EEV FM EEV FM EEV	3/8	
CM48CBCA1 CM48DBCA1 CM60CBDA2 CM60CBGA2 CM60DBDA2 CM - Indoor CC CM25BE1A1 CM37BE2A1 CM37CE2A1 CM38CE2A1 CM49CE3A1 CM49DE3A1 CM50CE3A1	33 32-3/4 33 32-3/4 <b>bil Multi</b> 25-5/8 25-5/8 25 25 33 32-3/4 37-1/4	21 24-1/2 21 24-1/2 <b>positio</b> 17-1/2 17-1/2 21 21 24-1/2 21 24-1/2 21 24-1/2 21	20 23-1/2 20 23-1/2 <b>n MaxAll</b> 16-1/2 16-1/2 20 20 20 23-1/2 20	20 23-1/2 20 23-1/2 <b>oy™ Fac</b> 16-1/2 16-1/2 20 20 20 23-1/2 20	62 68 69 78 78 80 <b>tory li</b> 56 57 57 57 76 78 81	61 67 68 77 77 79 <b>nstalled</b> 55 56 56 56 56 56 75 77 80	FM TXV FM TXV FM TXV FM TXV FM TXV FM TXV FM TXV FM TXV FM EEV FM EEV FM EEV FM EEV FM EEV FM EEV FM EEV	3/8	3/4

1. See outdoor unit technical guide for proper line set size.

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