

OIL FURNACES OLSEN

Model	AFUE	MBtuH Input	MBtuH Output	Flue Size	Dimensions WxDxH	Burner Model (Beckett)	Nozzle	Blower HP	CFM	Filter	Plenum Size	Wgt.
Low Boy												
BCL ¹ /BFL ² 120	83.4	140.0	117.0	6	22x51 ¹ / ₂ x41	AF65XN	1.00/80A	1/3	1810	20"x25"x1"	20 ¹ / ₂ x18 ⁵ / ₈	280
BCL/BFL145	83.4	168.0	188.0	6	22x51 ¹ / ₂ x41	AF65YB	1.20/60A	1/2	1810	20"x25"x1"	20 ¹ / ₂ x18 ⁵ / ₈	280
BCL190	78.0	231.0	224.0	7	26x49x56	AF81WF	1.65/70B	3/4	2190	20"x25"x1"	24x22	390
BCL225	78.0	280.0	224.0	7	26x49x56	AF81WF	2.00/70B	1	2601	20"x25"x1"	24x22	390
BML ¹ 80	85.1	91.0	78.0	5	22x43x31	AF72BOPWHS	.65/60A	GT10	1933	20"x20"x1"	20 ¹ / ₂ x18 ⁵ / ₈	210
High Boy												
HTL100C	83%	119.0	101.0	6	22x31x58	AF65XN	.85/80A	10-10	1445	16"x25"x1"	20 ¹ / ₂ x20	270
HTL100C 5-ton	83%	119.0	101.0	6	22x31x58	AF65XN	.85/80A	12-11-T	1825	16"x25"x1"	20 ¹ / ₂ x20	270
Downflow - Horizontal												
WML	82%	81.0	78.0	6	22 ¹ / ₄ x22 ¹ / ₄ x62 ¹ / ₄	AF76B0	60°A	10-10-T	1290	20"x20"x1"	19x19	252
Direct Vent Low Boy												
BCL ¹ /BFL ² 100-B2U	83.0	119.0	101.0 ³	4	22x51 ¹ / ₂ x41	AFII	0.80/60A	1/3	1810	20"x25"x1"	20 ¹ / ₂ x18 ⁵ / ₈	280
BML80-B2U	86.1	91.0	78.0	3	22x43x31	AFII	0.60/60A	GT10	1933	20"x20"x1"	20 ¹ / ₂ x18 ⁵ / ₈	210

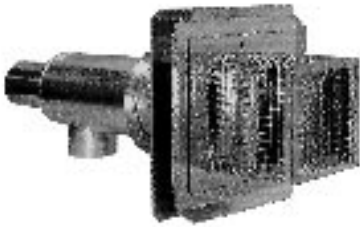
¹Rear Flue ²Front Flue
³Output range 79.0 - 117.0 MBtuH w/ Nozzle Change

Features:

- Insulated 20 Ga. Cabinet
- Dual Pass Heat Exchanger
- Barometric Draft Regulator Included
- Ceramic Fire Combustion Chamber
- Direct or Belt Drive Blowers

Warranty:

5 Year Parts Warranty
Limited Lifetime Heat Exchanger



BCL/BFL



HTL



WML

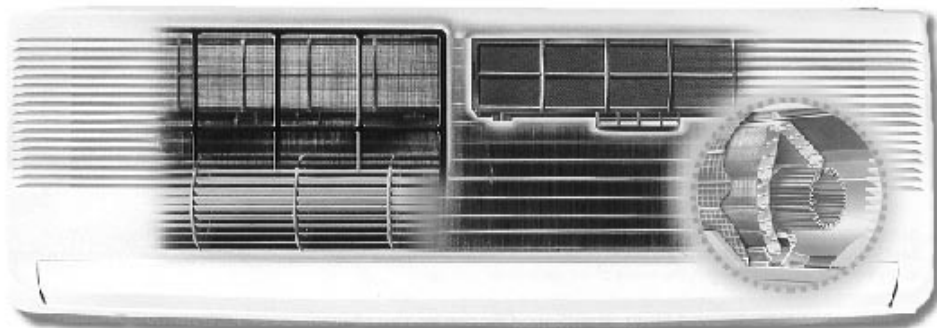
Direct Vent Components Model	Item Packed in Furnace	Option: Termination or Riser	Option: Vent Pipe	Field Supplied
BCL	CFAA64P Appliance Adaptor	CFOLT4C Termination CFRBSOL4-2PC Riser	CFKOL104 4" x 10' Pipe CFKOL154 4" x 15' Pipe CFKOL204 4" x 20' Pipe	Combustion Air Pipe Vacuum Relief Breaker
BFL	CFAA64P Appliance Adaptor 6 x 4 Snorkel Ass'y	CFOLT4C Termination CFRBSOL4-2PC Riser	CFKOL104 4" x 10' Pipe CFKOL154 4" x 15' Pipe CFKOL204 4" x 20' Pipe	Combustion Air Pipe Vacuum Relief Breaker
BML	CFAA53P Appliance Adaptor	CFOLT4C Termination CFRBSOL4-2PC Riser	CFKOL103 3" x 10' Pipe CFKOL153 3" x 15' Pipe CFKOL203 3" x 20' Pipe	Combustion Air Pipe Vacuum Relief Breaker



ELECTRONICS

MINI-SPLITS SAMSUNG ELECTRONICS

HVAC
EQUIPMENT



THE KEY: BIO AIR CLEANING SYSTEM

- Antibacterial Bio Filter - Eliminates bacteria in the air
- Electrostatic Bio Filter - Attracts and holds small particles of dust
- Deodorizing Bio Filter - Removes odor by absorbing the particles which may have escaped the Bio Pre-Filter

OTHER KEY FEATURES:

- Detachable Cleanable Front Grille
- Low Noise
- New Turbo Indoor Heat Exchanger
- Memory Restart - Retains memory even after a power failure
- Simple Operation - With full-function remote
- Line Sets - Included with all mini-splits

Model	Description	Capacity MBtuH	EER	Dehumidify Capacity p/h	CFM	Sound Level db In-Out	Running Amps	Net Wgt In-Out	Size Indoor W x H x D	Size Outdoor W x H x D
AS07A6MA	1 Zone 115v	7.5	10.0	2.0	200	31-48	6.4	17-59.5	31 ¹ / ₈ x9 ⁵ / ₈ x6 ¹ / ₂	26 ¹ / ₈ x19 ⁵ / ₈ x9 ⁵ / ₈
AS09A6MAF1	1 Zone 115v	9.0	10.0	3.0	220	32-50	8.5	17-60.6	31 ¹ / ₈ x9 ⁵ / ₈ x6 ¹ / ₂	26 ¹ / ₈ x19 ⁵ / ₈ x9 ⁵ / ₈
AS12ABMCF1	1 Zone 230v	12.0	10.0	4.0	280	36-50	5.8	17-71.7	31 ¹ / ₈ x9 ⁵ / ₈ x6 ¹ / ₂	29 ¹ / ₈ x20 ⁷ / ₈ x9 ¹ / ₈
AS18A0RCF1	1 Zone 230v	17.5	10.0	5.3	460	41-55	8.6	28.7-101	42 ¹ / ₂ x10 ⁷ / ₈ x8	34 ⁵ / ₈ x25 ¹ / ₈ x12 ¹ / ₄
AS24A2RC	1 Zone 230v	23.5	10.0	6.3	495	41-58	10.5	28.7-137	42 ¹ / ₂ x10 ⁷ / ₈ x8	34 ⁵ / ₈ x25 ¹ / ₈ x12 ¹ / ₄
AS30C2BC	1 Zone 230v	30.0	9.7	7.2	670	44-57	14	44.1-150	50 ¹ / ₂ x13 ⁷ / ₈ x9	34 ⁵ / ₈ x35x12 ¹ / ₄
AM18B1C2	2 Zone 230v	18.0	10.46	1.85x2	265 x 2	40-51	8.0	21.2(2)-116.8	32 ³ / ₃₂ x7 ⁹ / ₁₆ x11 ⁵ / ₈	31x12 ⁵ / ₈ x24 ³ / ₈
	Evap A	9.0	10.46			264.8	40-51	4.0		33x8x12
	Evap B	9.0	10.46			264.8	40-51	4.0		33x8x12
AM26B1C2	2 Zone 230v	26.0	10.07	3.22x2	304 x 2	44-56	11.8	21.2(2)-147.7	32 ³ / ₃₂ x7 ⁹ / ₁₆ x11 ⁵ / ₈	39 ³ / ₈ x12 ¹ / ₄ x31 ¹ / ₈
	Evap A	13.0	10.07			303.7	44-56	5.9		33x8x12
	Evap B	13.0	10.07			303.7	44-56	5.9		33x8x12
AM27B1C3*3	3 Zone 230v	27.0	10.07		283 x 2, 215	44-56	11.0	21.2(3)-147.7	32 ³ / ₃₂ x7 ⁹ / ₁₆ x11 ⁵ / ₈	39 ³ / ₈ x12 ¹ / ₄ x31 ¹ / ₈
	Evap A	13.0	10.07		3.17	282.5	44-56	11.0		33x8x12
	Evap B	7.0	7.2		2.33	215.4	40-56	11.0		33x8x12
	Evap C	7.0	7.2		2.33	215.4	40-56	11.0		33x8x12

*Capacity of evaporator B or C is 900 BTU/hr when evaporator B and C are not being operated simultaneously



ELECTRONICS

MINI-SPLIT HEAT PUMPS SAMSUNG ELECTRONICS

Model	Description	Capacity	EER	Dehumidify MBtuH	CFM Capacity	Sound Level db	Running In-Out	Net Wgt Amps	Size Indoor In-Out	Size Outdoor WxDxHWxDxH
AQ9A6MAF	1 Zone 115v	9.0	10.3	3.0	212	38-47	8.5	21-60	32x7 ¹ / ₄ x11 ³ / ₄	28 ³ / ₈ x9 ⁵ / ₈ x21
AQ12ABMCF	1 Zone 230v	11.5	9	4.0	275	39-50	6.1	21-68	32x7 ¹ / ₄ x11 ³ / ₄	28 ³ / ₈ x9 ⁵ / ₈ x21
AQ18AORCD	1 Zone 230v	18.0	9.8	4.5	476	45-55	8.1	33-99	42 ¹ / ₂ x8x10 ⁷ / ₈	31x12 ² / ₈ x24 ³ / ₈
AQ24A2RC	1 Zone 230v	24.0	9.8	5.4	512	47-59	12.0	33-137	42 ¹ / ₂ x8x10 ⁷ / ₈	31x12 ² / ₈ x24 ³ / ₈

HVAC
EQUIPMENT

FREE STANDING FLOOR MOUNT SAMSUNG ELECTRONICS



Model	Description	Capacity	Dehumidify MBtuH	CFM Capacity	Sound Level db	Running In-Out	Net Wgt In-Out	Size Indoor WxDxH	Size Outdoor WxDxH
AP500PF	230V	49.6	13.5	1130	54-63	16.0	165-271	23 ¹ / ₄ x15 ⁹ / ₄ x71 ¹ / ₄	47 ¹ / ₄ x21 ¹ / ₄ x53 ¹⁵ / ₁₆
APC3240C	230V	30.0	6.5	636	50-64	16.0	83.6-162.8	19 ¹ / ₂ x13x72	34 ⁵ / ₈ x12 ¹ / ₂ x31

CEILING CASSETTES SAMSUNG ELECTRONICS

Model	Description	Dehumidify Capacity	MBtuH Heating	MBtuH Cooling	Volt	Running Amp	CFM	Indoor Size WxHxD	Outdoor Size WxDxH	Wgt.
ACC1800C	A/C	1.8		18.5	230V	7.7	529	33 ¹ / ₁₆ x9 ¹ / ₁₆ x33 ¹ / ₁₆	31x12 ¹ / ₄ x24 ⁷ / ₁₆	64
ACC2400C	A/C	5.0		23.0	230v	12.0	565	33 ¹ / ₁₆ x9 ¹ / ₁₆ x33 ¹ / ₁₆	34 ⁵ / ₈ x12 ¹ / ₄ x25 ¹ / ₈	64
ACC2800C	A/C	7.2		28.0	230v	13.0	670	33 ¹ / ₁₆ x9 ¹ / ₁₆ x33 ¹ / ₁₆	34 ⁵ / ₈ x12 ¹ / ₄ x31 ¹ / ₈	68
ACC4400C	A/C	5.2		40.0	230v	18.5	1059	33 ¹ / ₁₆ x9 ¹ / ₁₆ x33 ¹ / ₁₆	36 ⁵ / ₈ x15 ¹ / ₄ x50	75
ACH2400C	Heat Pump	5.0	26.0	24.0	230v	12.0	565	33 ¹ / ₁₆ x9 ¹ / ₁₆ x33 ¹ / ₁₆	34 ⁵ / ₈ x12 ¹ / ₄ x25 ¹ / ₈	68
ACH2800C	Heat Pump	7.2	31.5	27.5	230v	13.0	670	33 ¹ / ₁₆ x9 ¹ / ₁₆ x33 ¹ / ₁₆	34 ⁵ / ₈ x12 ¹ / ₄ x25 ¹ / ₈	68



Features:

- Slide-down front grille
- Drain pump
- Turbo fan
- Alert signal for filter cleaning
- Single or group control up to 16 indoor units
- Auto changeover function
- Wired remote control
- Optional hand held remote control



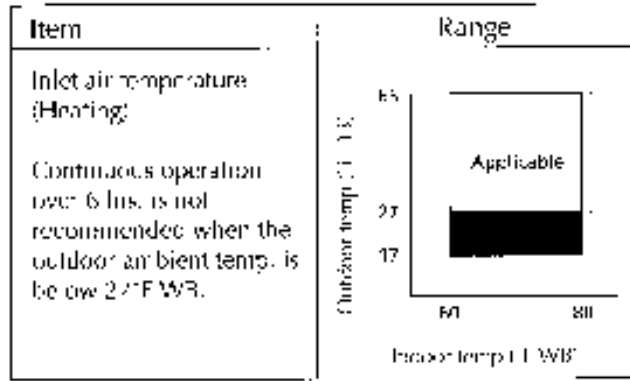
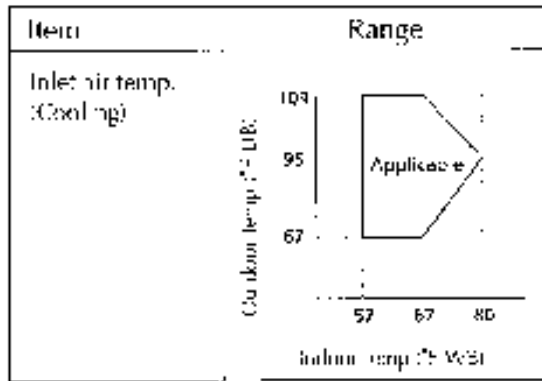
ELECTRONICS

SPLIT UNIT SPECIFICATIONS

HVAC EQUIPMENT

Model	Voltage	Running Amps	Ref. Line Size	Charge Adj After Pre-Charge Lgth.	Pre-Charge Footage Lgth.	Max Lineset Lgth.	Maximum Elevation Diff.
AS07A6MA	115v	6.4	1/4 - 3/8	0.2 oz/ft.	16	50	23
AS09A6MAF	115v	8.5	1/4 - 3/8	0.2 oz/ft.	25	50	23
AS12ABMAF	208-230v	5.8	1/4 - 1/2	0.3 oz/ft.	25	50	23
AS18AORCF	208-230v	8.6	1/4 - 1/2	0.3 oz/ft.	25	50	23
AS24A2RC	208-230v	10.5	1/4 - 5/8	0.4 oz/ft.	16	64	26
AS30C2BC	208-230v	14.0	1/4 - 5/8	0.4 oz/ft.	16	64	26
AQ09A6MAF	115v	8.5	1/4 - 3/8	0.2 oz/ft.	16	50	23
AQ12ABMCF	208-230v	5.8	1/4 - 1/2	0.3 oz/ft.	25	50	23
AQ18AORCF	208-230v	8.8	1/4 - 1/2	0.3 oz/ft.	25	50	23
AQ24A2RC	208-230v	10.5	1/4 - 5/8	0.4 oz/ft.	16	64	26
AQ30C2BC	208-230v	14.0	1/4 - 5/8	0.4 oz/ft.	16	64	26
AM18B1C2	208-230v	8.0	1/4 - 3/8 (2 zone)	0	50	50	23
AM26B1C2	208-230v	11.8	1/4 - 1/2 (2 zone)	0	50	50	23
AD18B1C2	208-230v	7.8	1/4 - 3/8 (2 zone)	0.4 oz/ft.	33	50	23
AD26B1C2	208-230v	13.0	1/4 - 1/2 (2 zone)	0.4 oz/ft.	33	50	23
AM27B1C3	208-230v	11.0	1/4 - 3/8, 1/2 (3 zone)	0	50	50	23
AP3240	208-230v	17.0	3/8 - 5/8	0.4 oz/ft.	16	82	23
AP500PF	208-203v	16.0	3/8 - 3/4	0.5 oz/ft.	16	82	23
ACC18/24/28	208-230v		1/4 - 5/8	0.4 oz/ft.	16	98	49
ACC44	208-230V		3/8 - 3/4	0.6 oz/ft.	16	164	82

Operating Range

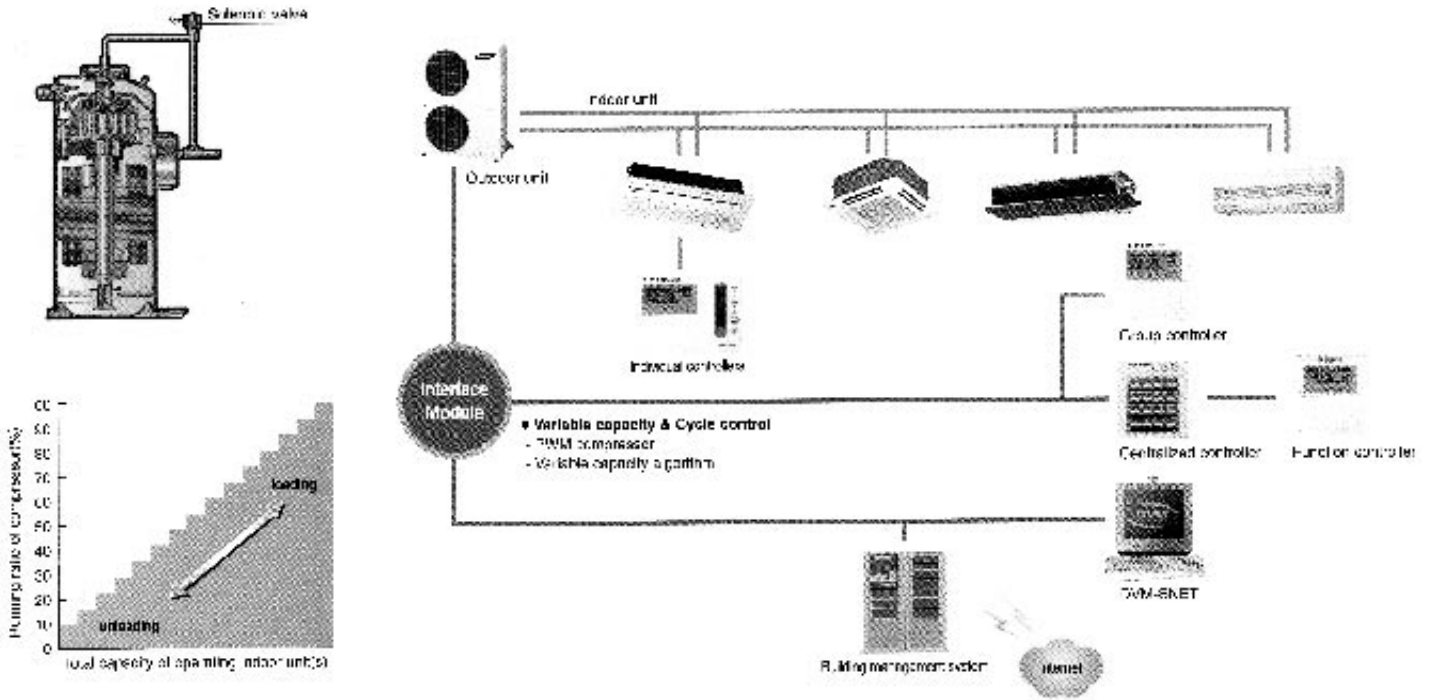




DVM™ COMMERCIAL AIR CONDITIONING

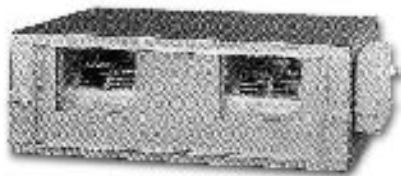
- Digital Variable Multi System
- Digital scroll compressor - the compressor can meet any capacity demand from 10 to 100%
- Compressor utilizes a pulse width modulation valve- this system allows the fixed plate of the scroll to rise or fall based on load.
- Use up to 16 indoor units with one outdoor unit
- Up to 50% more efficient than unitary systems
- Several indoor unit configurations and capacities.
- Available in 5, 7, and 10 ton
- Refrigerant pipe lengths up to 328' with maximum vertical change of 164'
- Available with a PC based control system which is self diagnostic and internet friendly

HVAC EQUIPMENT



Unit	Description	Capacity Range MBtuH	Voltage	Phase Type	Running Amps	Refrigerant Type	Ref Conn Size	Op Temp Range	Size	Wgt.
RVMC050CBMO	Outdoor Unit	7.0 - 50.0	208-230	1	22.2	R22	3/8 - 3/4	23° - 109°	36 ⁵ / ₈ x50x15 ¹ / ₈	313
RVMC070FAMO	Outdoor Unit	7.0 - 76.0	208-230	3	17.0	R22	1/2 - 1 ¹ / ₈	23° - 109°	39x82 ⁵ / ₈ x38 ⁵ / ₈	595
RVMC100FAMO	Outdoor Unit	7.0 - 95.5	208-230	3	31.0	R22	1/2 - 1 ¹ / ₈	23° - 129°	42 ⁵ / ₈ x82 ³ / ₈ x38 ⁵ / ₈	661

Indoor Unit Model # & Type	Model Cap. Size			Model Cap. Size			Model Cap. Size			Model Cap. Size		
	Model	Cap. MBtuH	Size	Model	Cap. MBtuH	Size	Model	Cap. MBtuH	Size	Model	Cap. MBtuH	Size
AVMK***CA01 Way Cassette	020	7.0	38 ¹ / ₈ x7 ¹ / ₈ x15 ³ / ₈	032	11.0	38 ¹ / ₈ x7 ¹ / ₈ x15 ³ / ₈	040	13.5	38 ¹ / ₈ x7 ¹ / ₈ x15 ³ / ₈			
AVMCC***CA0 4 Way Cassette	052	18.0	33 ¹ / ₈ x9 ⁹ / ₈ x33 ¹ / ₈	072	24.0	33 ¹ / ₈ x9 ⁹ / ₈ x33 ¹ / ₈	105	36.0	33 ¹ / ₈ x11 ⁷ / ₈ x33 ¹ / ₈			
AVMDC***CA0 Duct Lo Profile	052	18.0	52 ⁷ / ₈ x10 ³ / ₈ x26 ⁵ / ₈	072	24.0	52 ⁷ / ₈ x10 ³ / ₈ x26 ⁵ / ₈						
AVMBC***CA0 Built In Ducted	020	7.0	21 ³ / ₄ x11 ⁷ / ₈ x31 ¹ / ₂	032	11.0	21 ³ / ₄ x11 ⁷ / ₈ x31 ¹ / ₂	040	13.5	21 ³ / ₄ x11 ⁷ / ₈ x31 ¹ / ₂	052	18.0	40 ¹ / ₄ x11 ⁷ / ₈ x31 ¹ / ₂
	072	24.0	40 ¹ / ₄ x11 ⁷ / ₈ x31 ¹ / ₂									
AVMHC***CA0 Hi Press Duct	105	36.0	43 ³ / ₄ x15 ³ / ₈ x25 ⁵ / ₈	128	44.0	43 ³ / ₄ x15 ³ / ₈ x25 ⁵ / ₈						
AVMWC***AO Wall Mount	020	7.0	31 ¹ / ₄ x9 ⁹ / ₈ x6 ¹ / ₂	032	11.0	31 ¹ / ₄ x9 ⁹ / ₈ x6 ¹ / ₂	040	13.5	31 ¹ / ₄ x9 ⁹ / ₈ x6 ¹ / ₂	052	18.0	42 ¹ / ₈ x10 ⁷ / ₈ x8
	072	24.0	42 ¹ / ₈ x10 ⁷ / ₈ x8									



Available Indoor Options

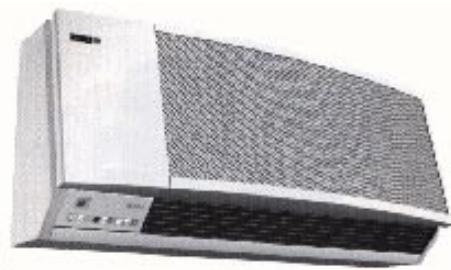
- MWC Hot Water Coils
- Centralized Controllers
- Remote Controls
- Drain Pump
- Super Heater
- Super Cooler
- UL Certified



DUCTLESS MINI-SPLIT SYSTEMS INDOOR SECTION EMI

WHP High Wall Cooling Unit

- Unit Mounted Digital Control
- Hi/Lo Fan Speed
- Coil Freeze Protection
- Fan Post Purge

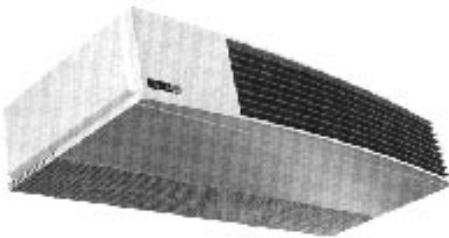


Model	Capacity MBtuH	DbA Sound	Dimensions LxWxD	Voltage	Rec. Conn.	Wgt.
WHP09	9	48	36 ¹ / ₂ x14 ¹ / ₂ x10 ³ / ₄	208/230	¹ / ₄ - ¹ / ₂	85
WHP12	12	48	36 ¹ / ₂ x14 ¹ / ₂ x10 ³ / ₄	208/230	¹ / ₄ - ¹ / ₂	115
WHP15	15	51	47 ¹ / ₂ x14 ¹ / ₂ x10 ³ / ₄	208/230	¹ / ₄ - ⁵ / ₈	115
WHP18	18	51	47 ¹ / ₂ x14 ¹ / ₂ x10 ³ / ₄	208/230	³ / ₈ - ⁵ / ₈	115
WHP24	24	54	57 ¹ / ₂ x14 ¹ / ₂ x10 ³ / ₄	208/230	³ / ₈ - ³ / ₄	115
WHP30	30	54	57 ¹ / ₂ x14 ¹ / ₂ x10 ³ / ₄	208/230	³ / ₈ - ³ / ₄	115
WHP36	36	54	57 ¹ / ₂ x14 ¹ / ₂ x11 ³ / ₄	208/230	³ / ₈ - ⁷ / ₈	115

15 Amp Max. Fuse Size All Units.

CHP Ceiling Mount Unit

- Standard 24v Control
- Optional Hydronic Heat Coil
- Optional 24v T-Stat
- Optl Trim Kit for Surface MTD Units



Model	Capacity MBtuH	DbA Sound	Dimensions LxWxD	Voltage	Rec. Conn.	Wgt.
CHP09/12	12	46.3	42x10 ³ / ₄ x16 ¹ / ₂	208/230	¹ / ₄ - ¹ / ₂	115
CHP15	15	46.3	42x10 ³ / ₄ x16 ¹ / ₂	208/230	¹ / ₄ - ⁵ / ₈	135
CHP18/24	18	50.8	49x10 ³ / ₄ x19	208/230	³ / ₈ - ⁵ / ₈	135
CHP30	30	56.0	49x10 ³ / ₄ x19	208/230	³ / ₈ - ³ / ₄	135
CHP36/42	36	62.5	59x10 ³ / ₄ x16 ¹ / ₈	208/230	³ / ₈ - ⁷ / ₈	160
CHP48	48	64.6	59x12 ³ / ₄ x16 ¹ / ₈	208/230	³ / ₈ - ⁷ / ₈	160

15 Amp Max. Fuse Size All Units.

FHP Evaporators Floor Console Unit

- Standard Unit Mounted Control
- Optional Fresh Air Damper or Fan Induced Air Intake
- Optl 24v T-Stat or Hand Held Remote
- Optional Hydronic Heat Coil



Model	Capacity MBtuH	DbA Sound	Dimensions LxWxH	Voltage	Line Size Liquid Suction	Wgt.
FHP09/12	9	48.6	47x10 ¹ / ₂ x26	115	¹ / ₄ - ¹ / ₂	110
FHP15	15	56	47x10 ¹ / ₂ x26	208/230	¹ / ₄ - ⁵ / ₈	110
FHP18	18	57.2	47x10 ¹ / ₂ x26	208/230	³ / ₈ - ⁵ / ₈	120
FHP24	24	60.6	47x10 ¹ / ₂ x26	208/230	³ / ₈ - ³ / ₄	120
FHP30	30	60.6	47x10 ¹ / ₂ x26	208/230	³ / ₈ - ³ / ₄	120
FHP36/42	36	63.2	61 ¹ / ₂ x10 ¹ / ₂ x26	208/230	³ / ₈ - ³ / ₄	165
FHP48	48	63.2	61 ¹ / ₂ x10 ¹ / ₂ x26	208/230	³ / ₈ - ⁷ / ₈	165

CAH Ceiling Cassette

Features:

- 4 way motorized discharge vanes (18-48 models on CAH)
- CAF 4 is equipped for chilled water and hydronic heat
- Supplemental electric heat, varies by model (see table)
- 18" head condensate pump with safety
- 1 year limited warranty



Model	Description	Cooling MBtuH	Total AMPs	Ref. Line Liquid	High Sound Db	Dimensions LxHxD	Face Grille LxD	Voltage	Ref. Conn.	Wgt.
CAH09/12	1.5 KW Heat	9/12	6.9	¹ / ₄	39	22 ¹ / ₂ x22 ¹ / ₂ x9 ³ / ₁₆	25 ¹ / ₄ x25 ¹ / ₄	208/230	¹ / ₄ - ¹ / ₂	80
CAH15/18	3 KW Heat	15/18	13.6	³ / ₈	43	32 ³ / ₄ x32 ³ / ₄ x9 ³ / ₁₆	37x37	208/230	³ / ₈ - ⁵ / ₈	86
CAH30/36	5 KW Heat	30	22.6	³ / ₈	48	32 ³ / ₄ x45x11 ³ / ₄	37x49 ¹ / ₄	208/230	³ / ₈ - ³ / ₄	128
CAH42/48	5 KW Heat	42	22.6	³ / ₈	49	32 ³ / ₄ x45x11 ³ / ₄	37x49 ¹ / ₄	208/230	³ / ₈ - ⁷ / ₈	128

Model	Description	Max Fuse w/Elec. Heat	Max Fuse w/out Elec. Heat	Dimensions LxHxD	Voltage	Water Inlet.	Water Outlet	Wgt.
CAF 8/12	1.5 KW Heat	15	15	22 ¹ / ₂ x22 ¹ / ₂ x9 ¹ / ₄	208/230	¹ / ₂	¹ / ₂	45
CAF18/20	3 KW Heat	20	15	32 ¹ / ₄ x32 ¹ / ₄ x9 ¹ / ₄	208/230	³ / ₄	³ / ₄	86
CAF33/36	5 KW Heat	30	15	32 ¹ / ₄ x45x11 ¹ / ₄	208/230	³ / ₄	³ / ₄	128



2X4 LAY-IN CEILING EVAPORATOR CEILING CASSETTE

Features:

- Fabricated of heavy gauge galvanized steel
- Thermal and acoustical insulation
- Coated, galvanized steel drain pan with safety overflow switch and secondary condensate drain
- Unit is equipped with secondary overflow drain
- Mounting Hanger Kit
- Disposable standard filter 20" x 20" x 1"
- Relays and connections for condensing unit and thermostat
- Low watt density Nichrome type heat coil with automatic reset safety switch and fusible link when electric heat is selected
- Electric heat option
- Low Voltage thermostat with Off-Heat-Cool and On-Auto switches
- Controls and relays for 24V remote thermostat (Factory wired)
- 1 year limited warranty

Part#	Description	Dimensions LxHxD	Max Fuse	Min Ampacity	Voltage	Line Size Liquid Suction	Wgt
TBH09	Cooling Only/Heat Pump	46 ⁵ / ₈ X18 ¹⁵ / ₁₆ X22 ⁵ / ₈	15	.5	208/230	1/4-1/2	160
TBH12	Cooling Only/Heat Pump	46 ⁵ / ₈ X18 ¹⁵ / ₁₆ X22 ⁵ / ₈	15	.5	208/230	1/4-1/2	160
TBH18	Cooling Only/Heat Pump	46 ⁵ / ₈ X18 ¹⁵ / ₁₆ X22 ⁵ / ₈	15	1.4	208/230	3/8-3/4	165
TBH18	Cooling Only/Heat Pump	46 ⁵ / ₈ X18 ¹⁵ / ₁₆ X22 ⁵ / ₈	15	1.4	208/230	3/8-3/4	165

WCP 2 PIPE CHILLED WATER FAN COIL

Features:

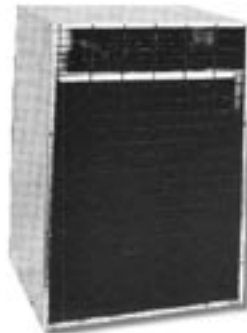
- Unit Mounted Digital Control with large 3/4" lighted LCD display
- Anti short cycle protection
- Hi/Low Fan Speeds with auto

Model	Description	Cooling MBtuH	Db High	Dimensions WxHxD	Max Fuse	Voltage	CW Line Size	Wgt
WCP9/12	3 KW Heat	9/12	48	36 ¹ / ₂ X14 ¹ / ₂ X10 ³ / ₄	20	230	1/2	85
WCP15/18	3 KW Heat	15/18	51	47 ¹ / ₂ X14 ¹ / ₂ X10 ³ / ₄	20	230	5/8	115
WCP24/30	5 KW Heat	24/30	54	57 ¹ / ₂ X14 ¹ / ₂ X10 ³ / ₄	30	230	3/4	115

VERTICAL IN-WALL STRAIGHT COOL CONDENSING UNIT

Features:

- Motor is PSC type w/internal overload protection
- Direct-drive single speed blower
- Unpainted G-90 galvanized steel cabinet
- Refrigeration valves are solid brass
- Coil is seamless copper tubing



Model	Description	Cooling MBtuH	Volts	Total Amps	MCA	Max Fuse	Ref Line Size
VHH18	In-Wall Condensing Unit	18.1	208/230	9.3	11.2	15	3/8-5/8
VHH24	In-Wall Condensing Unit	22.7	208/230	11.5	13.9	20	3/8-3/4
VHH30	In-Wall Condensing Unit	26.4	208/230	13.7	16.7	25	3/8-3/4
VCH18	In-Wall Condensing Unit	18.1	208/230	9.3	11.2	15	3/8-5/8
VCH24	In-Wall Condensing Unit	22.7	208/230	11.5	13.9	20	3/8-3/4
VCH30	In-Wall Condensing Unit	26.4	208/230	13.7	16.7	25	3/8-3/4



SCC / SHC SINGLE ZONE CONDENSING UNITS

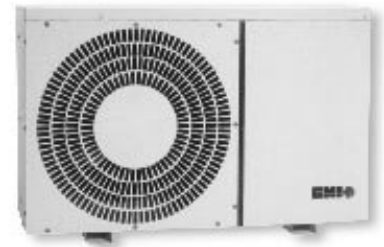
Features & Options:

- Total interconnect up to 100 feet, including up to 35 feet of lift
- 24Volt interconnect to America Series air handlers
- G-60 Galvanized steel cabinets
- Duratec Performance Package for 9, 12 and 15,000 BTU/h models with high efficiency rotary compressors
- The 18-36,000 BTU/h models utilize high reliability reciprocating compressors
- Low ambient option
- 115Volt (9 & 12 models only) & 265Volt
- Hard start assist (straight cool only)
- Anti short cycle protection
- Sea coast coated coils
- 1 year limited warranty



CCB/CHD

Copeland welded hermetic compressor with internal crankcase heat



SSC/SHC

Hermetically sealed, high efficiency rotary or reciprocating type compressor

Part#	Description	Dimensions LxHxD	Cooling MBtuH	Heating MBtuH	Voltage	Ref. Line Size	MCA	Wgt
SCC 09	Straight Cool	34 ¹ / ₈ x22 ¹ / ₄ x12	9.0	9.0	208/230	1/4-1/2	5.8	90
SCC 12	Straight Cool	34 ¹ / ₈ x22 ¹ / ₄ x12	12.0	11.0	208/230	1/4-1/2	7.0	90
SCC 15	Straight Cool	34 ¹ / ₈ x22 ¹ / ₄ x12	15.0	15.2	208/230	1/4-5/8	9.0	90
SCC 18	Straight Cool	44x26 ¹ / ₄ x14	18.0	18.7	208/230	3/8-5/8	10.3	135
SCC 24	Straight Cool	44x26 ¹ / ₄ x14	24.0	21.1	208/230	3/8-3/4	12.5	155
SCC 30	Straight Cool	44x26 ¹ / ₄ x14	30.0	28.4	208/230	3/8-3/4	15.4	155
SCC 36	Straight Cool	44x26 ¹ / ₄ x14	36.0	35.5	208/230	3/8-7/8	19.6	155
SHC 09	Full Range Heat Pump	34 ¹ / ₈ x22 ¹ / ₄ x12	9.0	9.0	208/230	1/4-1/2	5.8	90
SHC 12	Full Range Heat Pump	34 ¹ / ₈ x22 ¹ / ₄ x12	12.0	11.0	208/230	1/4-1/2	7.0	90
SHC 15	Full Range Heat Pump	34 ¹ / ₈ x22 ¹ / ₄ x12	15.0	15.2	208/230	1/4-5/8	9.0	90
SHC 18	Full Range Heat Pump	44x26 ¹ / ₄ x14	18.0	18.7	208/230	3/8-5/8	10.3	135
SHC 24	Full Range Heat Pump	44x26 ¹ / ₄ x14	24.0	21.1	208/230	3/8-3/4	12.5	155
SHC 30	Full Range Heat Pump	44x26 ¹ / ₄ x14	30.0	28.4	208/230	3/8-3/4	15.4	155
SHC 36	Full Range Heat Pump	44x26 ¹ / ₄ x14	36.0	35.5	208/230	3/8-7/8	19.6	155

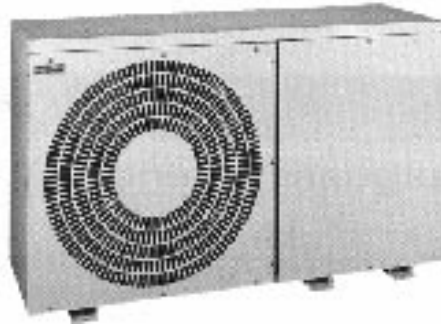
Part#	Description	Dimensions LxHxD	Cooling MBtuH	HP Heating MBtuH	Voltage	Ref. Line Size	Wgt
CCB 42	Straight Cool	25 ¹ / ₄ x25 ¹ / ₄ x24 ¹ / ₄	42.0	40.6	208/230	3/8-7/8	164
CCB 48	Straight Cool	30 ¹ / ₄ x34 ¹ / ₄ x30 ¹ / ₄	48.0	42.4	208/230	3/8-7/8	200
CHD 42	Full Range Heat Pump	25 ¹ / ₄ x25 ¹ / ₄ x24 ¹ / ₄	42.0	40.6	208/230	3/8-7/8	164
CHD 48	Full Range Heat Pump	30 ¹ / ₄ x34 ¹ / ₄ x30 ¹ / ₄	48.0	42.4	208/230	3/8-7/8	200



DUCTLESS MINI-SPLIT SYSTEMS

Features:

- Total interconnect to each air handler of up to 100 feet, including up to 35' of lift for flexibility in installation
- Separate compressors and coil sections for each circuit
- Independent circuit control
- Independent refrigerant piping
- Hermetically sealed high efficiency rotary or reciprocating compressor, depending on zone load
- 24v interconnect to air handlers
- G-60 Galvanized Steel Cabinet
- 1 year limited warranty



MC/MH2



MC4/MH4

HVAC EQUIPMENT

Part#	Description	Dimensions LxHxD	Cooling MBtuH	Fan HP	MCA - Max Fuse	Liquid Line Size	Suction Line Size	Wgt.
MH2 9900 ¹	Limited Range Heat Pump 2-Zone	44x26 ¹ / ₄ x14	19.0	0.125	9.6 - 15	1/4	1/2	250
MH2 2200	Limited Range Heat Pump 2-Zone	44x26 ¹ / ₄ x14	22.6	0.125	11.8 - 15	1/4	1/2	250
MH2 9200 ²	Limited Range Heat Pump 2-Zone	44x26 ¹ / ₄ x14	18.8	0.125	10.8 - 15	1/4	1/2	260
MH2 5500	Limited Range Heat Pump 2-Zone	44x26 ¹ / ₄ x14	28.4	0.25	15.4 - 20	1/4	5/8	275

¹All sizes available in MC2 cooling only model ²Model #9200 = (1) 9000 BTU/H compressor and (1) 12000 BTU/H compressor

Part#	Description	Dimensions LxHxD	Cooling MBtuH	Fan HP	MCA - Max Fuse	Liquid Line Size	Suction Line Size	Wgt.
MH4 0808 ¹	Limited Range Heat Pump 2-Zone	34 ¹ / ₄ x29x25	32.0	1.0	17.7 - 25	3/8	1/2	260
MH4 0404	Limited Range Heat Pump 2-Zone	34 ¹ / ₄ x29x25	48.0	1.0	22.6 - 30	3/8	3/4	275
MH4 0804	Limited Range Heat Pump 2-Zone	34 ¹ / ₄ x29x25	36.0	1.0	20.4 - 30	3/8	1/2	260
MH4 0303	Limited Range Heat Pump 2-Zone	34 ¹ / ₄ x29x25	60.0	1.8	28.4 - 40	3/8	3/4	275

¹All sizes available in MC4 cooling only model

Part#	Description	Dimensions LxHxD	Cooling MBtuH	Fan HP	MCA Max Fuse	Liquid Line Size	Suction Line Size	Wgt.
MH4 9990 ¹	Limited Range Heat Pump 3-Zone	44x26 ¹ / ₄ x14	27.0	0.125	13.4 - 15	1/4	1/2	250
MH4 2220	Limited Range Heat Pump 3-Zone	44x26 ¹ / ₄ x14	36.0	0.125	16.6 - 20	1/4	1/2	250
MH4 9908	Limited Range Heat Pump 3-Zone	44x26 ¹ / ₄ x14	36.0	0.125	17.9 - 25	1/4	1/2	260
MH4 2550	Limited Range Heat Pump 3-Zone	44x26 ¹ / ₄ x14	42.0	0.25	21.7 - 25	1/4	5/8	275

¹All sizes available in MC4 cooling only model

Part#	Description	Dimensions LxHxD	Cooling MBtuH	Fan HP	MCA Max Fuse	Liquid Line Size	Suction Line Size	Wgt.
MH4 2208 ¹	Limited Range Heat Pump 3-Zone	34 ¹ / ₄ x29x25	36.0	1.0	19.9 - 25	3/8	1/2	260
MH4 2204	Limited Range Heat Pump 3-Zone	34 ¹ / ₄ x29x25	40.8	1.0		3/8	3/4	275
MH4 9904	Limited Range Heat Pump 3-Zone	34 ¹ / ₄ x29x25	36.8	1.0	20.6 - 30	3/8	1/2	260

¹All sizes available in MC4 cooling only model

Part#	Description	Dimensions LxHxD	Cooling MBtuH	Fan HP	MCA Max Fuse	Liquid Line Size	Suction Line Size	Wgt.
MH4 9999 ¹	Limited Range Heat Pump 4-Zone	44x26 ¹ / ₄ x14	36.0	0.125	17.2 - 20	1/4	1/2	250
MH4 2222	Limited Range Heat Pump 4-Zone	44x26 ¹ / ₄ x14	48.0	0.125	21.4 - 25	1/4	1/2	250
MH4 9922	Limited Range Heat Pump 4-Zone	44x26 ¹ / ₄ x14	42.0	0.125	19.4 - 20	1/4	1/2	260
MH4 5555	Limited Range Heat Pump 4-Zone	44x26 ¹ / ₄ x14	60.0	0.25	30.3 - 35	1/4	5/8	275

¹All sizes available in MC4 cooling only model

Circuit Designators:

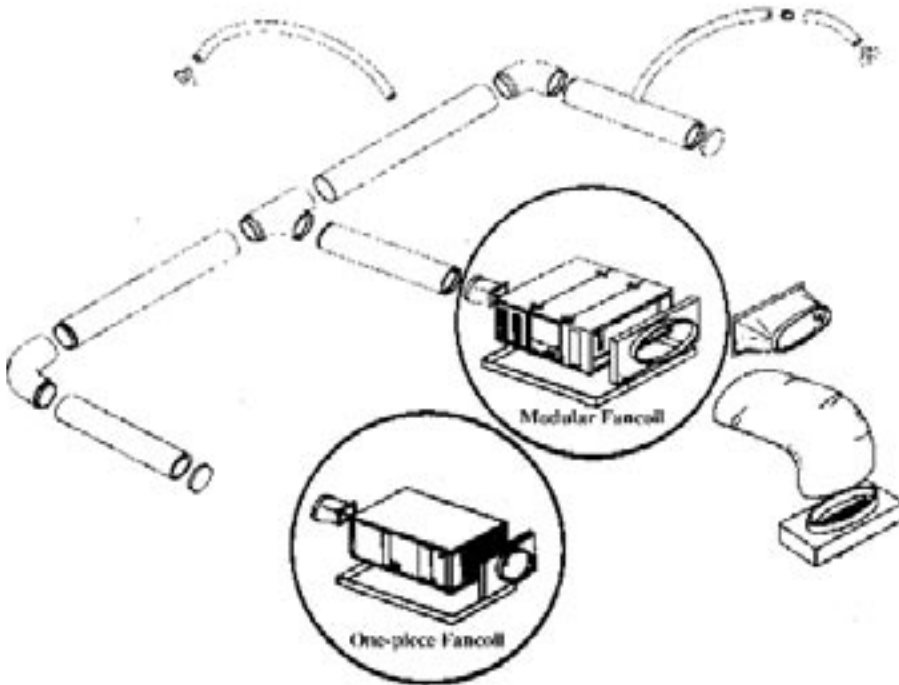
- 9 = 9000 BTU/H
- 8 = 18,000 BTU/H
- 5 = 15000 BTU/H
- 4 = 24,000 BTU/H
- 3 = 30,000 BTU/H
- 2 = 12000 BTU/H

Notes:

- M=Multi-Zone
- C=Straight Cool
- H=Limited Range Heat Pump
- 2=Side Discharge Cabinet
- 4=Top Side Discharge Cabinet

HIGH VELOCITY CENTRAL AC / HEAT UNICO

HVAC
EQUIPMENT



Features:

- 2" High Pressure supply ducts can fit almost anywhere
- Removes up to 30% more moisture than conventional systems
- Draft free and quiet
- 2" outlets barely visible and fit with any decor
- For use with any condenser
- Can be used for A/C only or heating & A/C with hydronic coil
- Residential or Commercial Application

Part#	Description	Dimensions H x W x D	Connection		Weight
M1218+AC	Fan Coil Unit w/ AC Coil	12x38x20	3/8-5/8	400 CFM @ 1.5" sp, 1/3 hp 220 VAC 1.9A FLA	94
M1218+HP	Fan Coil Unit w/ Heat Pump Coil	12x38x20	3/8-5/8	400 CFM @ 1.5" sp, 1/3 hp 220 VAC 1.9A FLA	94
M1218+CW	Fan Coil Unit w/ Chilled Water Coil	12x38x20	3/4-3/4 ID	400 CFM @ 1.5" sp, 1/3 hp 220 VAC 1.9A FLA	94
M1218+AC,HW	Fan Coil Unit w/ AC & Heat Coil	12x38x20	3/8-5/8, 3/4 ID	400 CFM @ 1.5" sp, 1/3 hp 220 VAC 1.9A FLA	103
M1218+HP,HW	Fan Coil Unit w/ HP & Heat Coil	12x38x20	3/8-5/8, 3/4 ID	400 CFM @ 1.5" sp, 1/3 hp 220 VAC 1.9A FLA	103
M1218+CW,HW	Fan Coil Unit w/ CW & Heat Coil	12x38x20	3/8-5/8, 3/4 ID	400 CFM @ 1.5" sp, 1/3 hp 220 VAC 1.9A FLA	103
A00365-002	TXV R410A 1.5T AC Only				
A00366-002	NB TXV R-410 1.5T Heat Pump				
MB2430L	Blower Module, 2 to 2.5 Ton	17 1/2x25x13 3/4	3/8-7/8	600 CFM @ 1.5" sp, 1/2 hp 220 VAC 3.0A FLA	62
MC2430C	DX Cooling Module, 2 to 2.5 Ton	17 1/2x25x13 3/4	3/8-7/8	TXV, R-22, R410A (w/ A00805-13 TXV)	60
MC2430H	Heat Pump Module, 2 to 2.5 Ton	17 1/2x25x13 3/4	3/4-3/4 ID	NB TXV, R-22, R410A (w/ A00808-13 TXV)	60
MC2430W	Chilled Water Clg Module, 2 to 2.5 Ton	17 1/2x25x13 3/4	3/4-3/4 ID		60
MH2430	Heating Module w/o Hot Water Coil	17 1/2x25x12			20
HW2430	Hot Water Coil 73,800 BtuH	33x8x17	3/4-3/4 ID		33
MB3642L	Blower Module, 3 to 3.5 Ton	17 1/2x38x13 3/4	3/8-7/8	1000 CFM @ 1.5" sp, 1 hp 220 VAC 6.2A FLA	72
MC3642C	DX Cooling Module, 3 to 3.5 Ton	17 1/2x38x13 3/4	3/8-7/8	TXV, R-22, R410A (w/ A00805-14 TXV)	78
MC3642H	Heat Pump Module, 3 to 3.5 Ton	17 1/2x38x13 3/4	3/8-7/8	NB TXV, R-22, R410A (w/ A00808-14 TXV)	78
MC3660W	Chilled Water Clg Module 3 to 5 Ton	17 1/2x38x13 3/4	3/4-3/4 ID		78
MH3660	Heating Module, 3 to 5 Ton	17 1/2x38x12			20
HW3660	Hot Water Coil/140,000 BtuH		3/4-3/4 ID		48
MB4860L	Blower Module, 4 to 5 Ton	17 1/2x13 3/4x38	3/8-7/8	1250 CFM @ 1.5" sp, 1 hp 220 VAC 6.2A FLA	
MC4860C	DX Cooling Module, 4 to 5 Ton	17 1/2x18x38	3/8-7/8	TXV, R-22, R410A (w/ A00805-15 TXV)	88
MC4860H	Heat Pump Module, 4 to 5 Ton	17 1/2x18x38	3/8-7/8	NB TXV, R-22, R410A (w/ A00808-15 TXV)	88
MC3660W	Chilled Water Clg Module, 3 to 3.5 Ton	17 1/2x13 3/4x38	3/4-3/4 ID		78
MH3660	Heating Module, 3 to 5 Ton	17 1/2x38x12			20
HW3660	Hot Water Coil/140,000 BtuH		3/4-3/4 ID		48
MV2430	Vertical Plenum Module, 2 to 2.5 Ton	18 1/4x17 1/2x25		18x25 Filter	33
MV3642	Vertical Plenum Module, 3 to 3.5 Ton	18 1/4x17 1/2x38		18x38 Filter	42
MV4860	Vertical Plenum Module, 4 to 5 Ton	18 1/4x23x38		18x38 Filter	45
MR2430	Return Air Plenum, 2 to 2.5 Ton	17 1/2x25x13 3/4		14x25 Filter	26
MR3660	Return Air Plenum, 3 to 5 Ton	17 1/2x38x13 3/4		14x38 Filter	30