American Duct Split

Engineering Data

M : Midea Brand / T : Tadiran Brand

1 Specifications

1.1 Outdoor Units

MOVB-24CDN1-M18M / MOVB-36CDN1-M18M /MOVB-48CDN1-M18M/MOVB-60CDN1-M18M

Model			**MOVB-24CDN1-M18M**	**MOVB-36CDN1-M18M**	**MOVB-48CDN1-M18M**	**MOVB-60CDN1-M18M**
Electrical Data	Voltage-Phase-Hz	V-Ph-Hz	208/230~1~50	208/230~1~50	208/230~1~50	208/230~1~50
	Minimum Circuit Ampacity		24.8	24.8	38.8	38.8
	Max. Overcurrent Protection		40	40	60	60
	Min/Max Volts		187/253	187/253	187/253	187/253
Cooling	Capacity	Btu/h	24000	34600	48000	58000
	EER	Btu/h.W	13	11.4	12.5	11.7
	SEER	Btu/h.W	18.5	18	18.5	18
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Supplier		Mitusbishi	Mitusbishi	Mitusbishi	Mitusbishi
	RLA		19	19	27.2	27.2
	LRA		/	/	/	/
Fan Motor	Type		PSC	PSC	ECM	ECM
	Rated HP		1/6	1/6	1/3	1/3
	Capacitor	uF	6	6	/	/
	Rated RPM	r/min	825	825	1050	1050
	FLA		1	1	2.6	2.6
Outdoor Fan	material		Metal	Metal	Metal	Metal
	Type		Axial flow fan	Axial flow fan	Axial flow fan	Axial flow fan
	Diameter	inch	23-5/8	23-5/8	23-5/8	23-5/8
	Height	inch	4-1/2	4-1/2	4-1/2	4-1/2
	Air flow	CFM	3100	3100	4100	4100
Condenser Coil	Number of rows		2	2	2	2
	Tube outside dia	mm(inch)	7	7	7	7
Outdoor sound level (sound power level)			64	64	67	67
Oudoor unit	Dimension (W×H×D)	mm	740×633×740	740×633×740	740×843×740	740×843×740
		inch	29-1/8×24-15/16×29-1/8	29-1/8×24-15/16×29-1/8	29-1/8×33-3/16×29-1/8	29-1/8×33-3/16×29-1/8
	Packing (W×H×D)	mm	768×667×768	768×667×768	768×877×768	768×877×768
		inch	30-1/4×26-1/4×30-1/4	30-1/4×26-1/4×30-1/4	30-1/4×34-1/2×30-1/4	30-1/4×34-1/2×30-1/4
	Net/Gross weight	kg	68/72	68/72	85/89	85/89
		lbs	150/159	150/159	187/196	187/196
Refrigerant system	Liquid side/ Gas side line	inch	3/8 3/4	3/8 3/4	3/8 7/8	3/8 7/8
	Factory charge R410A	oz	7 lb - 9 oz	7 lb - 9 oz	10 lb - 10 oz	10 lb - 10 oz
	Metering device		D20MISZ-1R(L)	D20MISZ-1R(L)	BD24FKS(L)	BD24FKS(L)
Operating temperatures		℉	55 ~ 115	55 ~ 115	55 ~ 115	55 ~ 115
Shipping per STD40HQ			180	180	135	135

MOVB-24HDN1-M18M / MOVB-36HDN1-M18M / MOVB-48HDN1-M18M/ MOVB-60HDN1-M18M

Model			MOVB-24HDN1-M18M	MOVB-36HDN1-M18M	MOVB-48HDN1-M18M	MOVB-60HDN1-M18M
Electrical Data	Voltage-Phase-Hz	V-Ph-Hz	208/230~1~50	208/230~1~50	208/230~1~50	208/230~1~50
	Minimum Circuit Ampacity		24.8	24.8	38.8	38.8
	Max. Overcurrent Protection		40	40	60	60
	Min/Max Volts		187/253	187/253	187/253	187/253
Cooling	Capacity	Btu/h	24000	34600	47000	57000
	EER	Btu/h.W	13	11.4	12.5	11.2
	SEER	Btu/h.W	18.5	17.5	18.5	17.5
Heating	Capacity	Btu/h	24000	34200	46500	55000
	HSPF	Btu/h.W	9.5	9	9.5	9.5
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Supplier		Mitusbishi	Mitusbishi	Mitusbishi	Mitusbishi
	RLA		19	19	27.2	27.2
	LRA		/	/	/	/
Fan Motor	Type		PSC	PSC	ECM	ECM
	Rated HP		1/6	1/6	1/3	1/3
	Capacitor	uF	6	6	/	/
	Rated RPM	r/min	825	825	1050	1050
	FLA		1	1	2.6	2.6
Outdoor Fan	material		Metal	Metal	Metal	Metal
	Type		Axial flow fan	Axial flow fan	Axial flow fan	Axial flow fan
	Diameter	inch	23-5/8	23-5/8	23-5/8	23-5/8
	Height	inch	4-1/2	4-1/2	4-1/2	4-1/2
	Air flow	CFM	3100	3100	4100	4100
Condenser Coil	Number of rows		2	2	2	2
	Tube outside dia	mm(inch)	7	7	7	7
Outdoor sound level (sound power level)			64	64	67	67

MOVB-24HDN1-M18M / MOVB-36HDN1-M18M / MOVB-48HDN1-M18M/ MOVB-60HDN1-M18M

Model			**MOVB-24HDN1-M18M**	**MOVB-36HDN1-M18M**	**MOVB-48HDN1-M18M**	**MOVB-60HDN1-M18M**
Oudoor unit	Dimension (W×H×D)	mm	740×633×740	740×633×740	740×843×740	740×843×740
		inch	29-1/8×24-15/16×29-1/8	29-1/8×24-15/16×29-1/8	29-1/8×33-3/16×29-1/8	29-1/8×33-3/16×29-1/8
	Packing (W×H×D)	mm	768×667×768	768×667×768	768×877×768	768×877×768
		inch	30-1/4×26-1/4×30-1/4	30-1/4×26-1/4×30-1/4	30-1/4×34-1/2×30-1/4	30-1/4×34-1/2×30-1/4
	Net/Gross weight	kg	68/72	68/72	85/89	85/89
		lbs	150/159	150/159	187/196	187/196
Refrigerant system	Liquid side/ Gas side line	inch	3/8 3/4	3/8 3/4	3/8 7/8	3/8 7/8
	Factory charge R410A	oz	7 lb - 9 oz	7 lb - 9 oz	10 lb - 10 oz	10 lb - 10 oz
	Metering device		D20MISZ-1R(L)	D20MISZ-1R(L)	BD24FKS(L)	BD24FKS(L)
Operating temperatures		℉	55 ~ 115	55 ~ 115	55 ~ 115	55 ~ 115
Shipping per STD40HQ			180	180	135	135

Indoor Units

MVME24B2MN1TB / MVME36B2MN1TB / MVME48C2MN1TB / MVME60C2MN1TB

Model				MVME24B2MN1TB	MVME36B2MN1TB	MVME48C2MN1TB	MVME60C2MN1TB
Indoor motor	Type			ECM	ECM	ECM	ECM
	Rated HP			1/3	1/2	3/4	3/4
	Rated RPM		r/min	1050	1050	1050	1050
	FLA			1.0/0.84/0.78/ 0.69/0.57	1.96/1.38/1.04/0 .84/0.74	3.16/2.53/2.02 /1.47/1.05	3.16/2.53/2.02 /1.47/1.05
Indoor fan	material			Metal	Metal	Metal	Metal
	Type			Centrifugal	Centrifugal	Centrifugal	Centrifugal
	Diameter		inch	10	10	10	10
	Height		inch	8	10	10	10
Indoor coil	Number of rows			4	4	4	5
	Tube outside dia.and type			Φ7×0.24×LWC			
	Fin spacing /thickness/type		mm/mm	1.5/0.095/Hydrophilic Aluminium			
	Tube pitch(a)x row pitch(b)		mm	21×13.37	21×13.37	21×13.37	21×13.37
Indoor limit value of static pressure and air flow			Pa/CFM	25/800	37.5/1120	50/1560	50/1700
Indoor sound level (sound power level)			dB(A)	53/47/44	54/49/46	55/52/49	56/54/51
Metering device	Throttle type			TXV	TXV	TXV	TXV
	Model number			TR6-3TON(067 U3510)	TR6-3TON(067U 3510)	TR6-4TON(067 U3506)	TR6-5TON(067 U3509)
Electrical Data	Voltage-Ph ase-Hz		V-Ph-Hz	208/230V-1Ph-50hz			
	Minimum Circuit Ampacity			1.3	2.5	4.0	4.0
	Max. Overcurrent Protection			2.25	4.41	7.11	7.11
	Min/Max Volts			187/253	187/253	187/253	187/253
Indoor unit	Dimension (W*H*D)		mm	500×1180×550	500×1180×550	560×1385×610	560×1385×610
			inch	19-5/8× 46-1/2× 21-5/8	19-5/8× 46-1/2× 21-5/8	22× 54-1/2×24	22× 54-1/2×24
	Packing (W*H*D)		mm	567×1197×644	567×1197×644	627×1402×704	627×1402×704
			inch	22-5/16× 47-1/8× 25-3/8	22-5/16× 47-1/8× 25-3/8	24-11/16× 55-3/16× 27-11/16	24-11/16× 55-3/16× 27-11/16
	Net/Gross weight		kg	54/60	55/62	73.5/81.5	77/85
			lbs	119/132	121/137	161/1	170/187
Refrigerant piping Liquid side/ Gas side			inch	3/8 3/4	3/8 3/4	3/8 3/4	3/8 3/4

2 Dimensions

2.1 Outdoor Units

MOVB-24CDN1-M18M / MOVB-36CDN1-M18M /MOVB-48CDN1-M18M/MOVB-60CDN1-M18M

Figure 2-2.1: MOVB-24CDN1-M18M / MOVB-36CDN1-M18M /MOVB-48CDN1-M18M/MOVB-60CDN1-M18M dimensions (unit: mm)

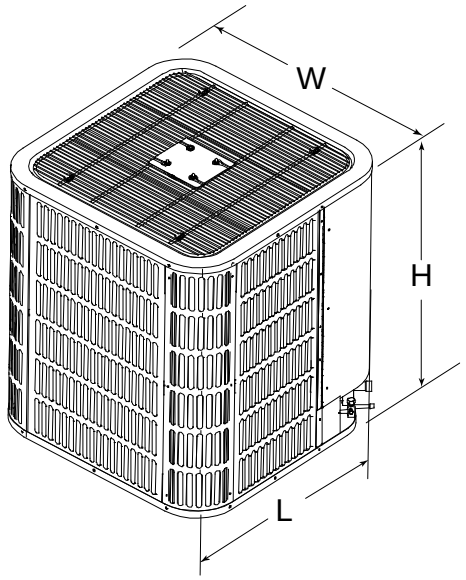


Table 2-2.1: Outdoor units dimensions

Model name	Dimensions (mm)		
	"H" mm (in.)	"W" mm (in.)	"L" mm (in.)
MOVB-24CDN1-M18M	633 (24-15/16)	740 (29-1/8)	740 (29-1/8)
MOVB-36CDN1-M18M			
MOVB-48CDN1-M18M	843 (33-3/16)	740 (29-1/8)	740 (29-1/8)
MOVB-60CDN1-M18M			

MOVB-24HDN1-M18M / MOVB-36HDN1-M18M / MOVB-48HDN1-M18M/ MOVB-60HDN1-M18M

Figure 2-2.2: MOVB-24HDN1-M18M / MOVB-36HDN1-M18M / MOVB-48HDN1-M18M/ MOVB-60HDN1-M18M dimensions (unit: mm)

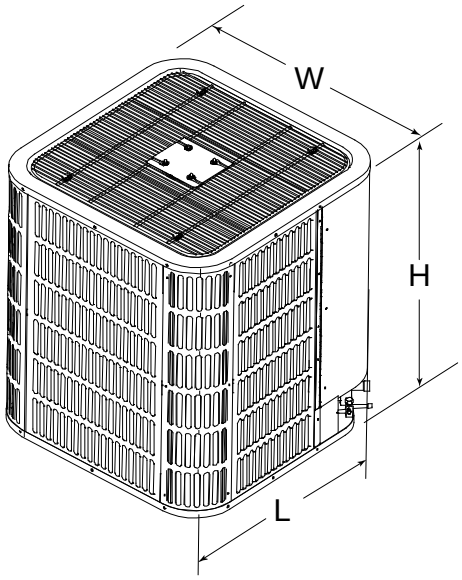


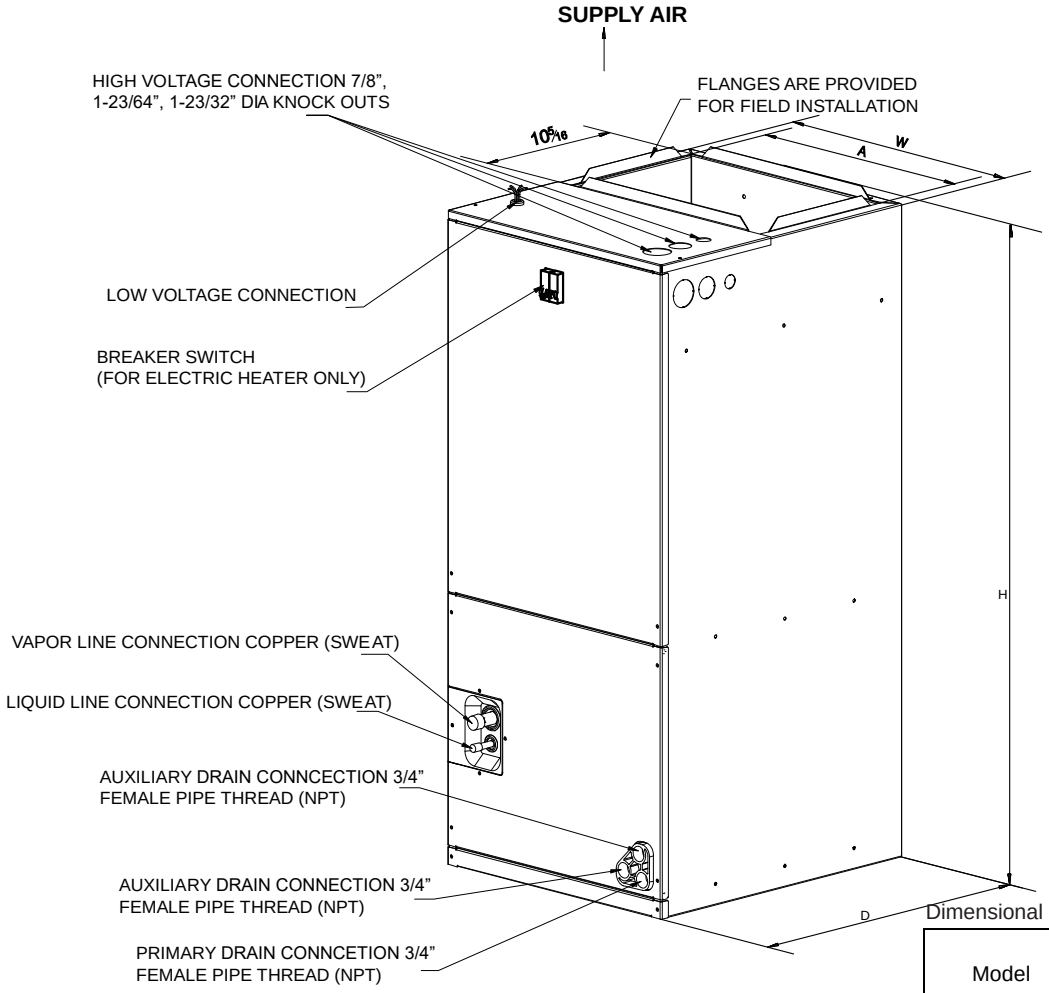
Table 2-2.1: Outdoor units dimensions

Model name	Dimensions (mm)		
	"H" mm (in.)	"W" mm (in.)	"L" mm (in.)
MOVB-24HDN1-M18M	633 (24-15/16)	740 (29-1/8)	740 (29-1/8)
MOVB-36HDN1-M18M			
MOVB-48HDN1-M18M	843 (33-3/16)	740 (29-1/8)	740 (29-1/8)
MOVB-60HDN1-M18M			

2.2 Indoor Units

MVME24B2MN1TB/ MVME36B2MN1TB / MVME48C2MN1TB / MVME60C2MN1TB

Figure 2-2.3: MVME24B2MN1TB / MVME36B2MN1TB /MVME48C2MN1TB / MVME60C2MN1TB dimensions (unit: mm)



Dimensional data about filter

Model	Filter Size in. [mm]
18	16×20 [406×508]
24/30/36	18×20 [457×508]
42/48/60	20×22 [508×559]

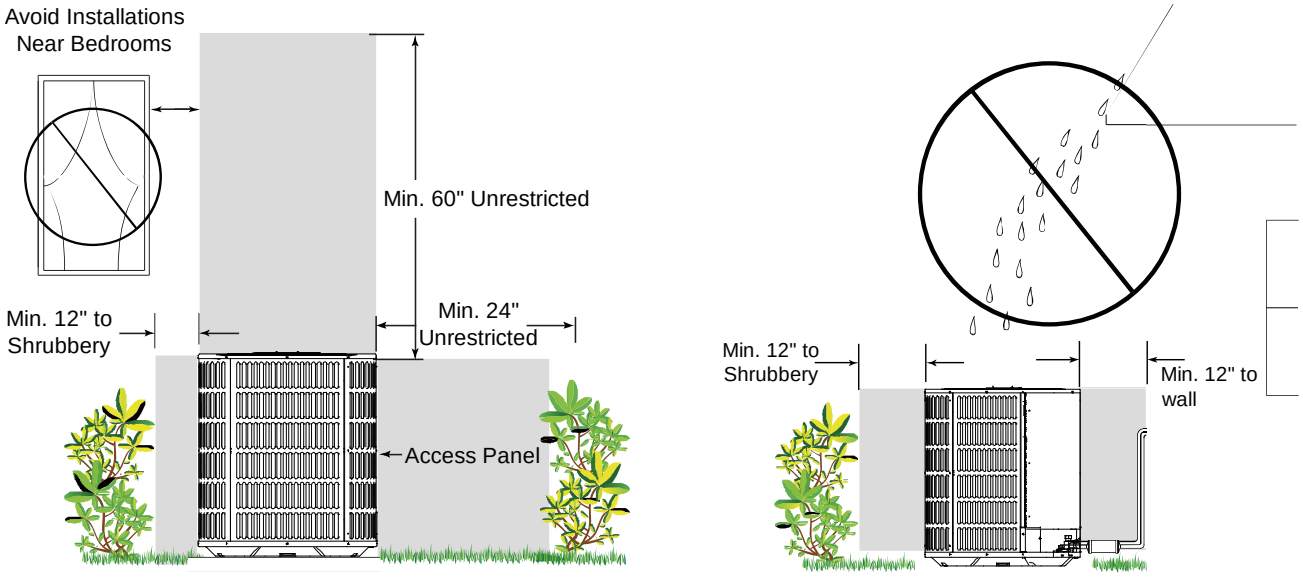
Table 2-2.2: Indoor units dimensions

Model name	Dimensions (mm)			
	"H" mm (in.)	"W" mm (in.)	"L" mm (in.)	Supply duct "A" mm (in.)
MVME24B2MN1TB	1180 (46-1/2)	500 (19-5/8)	550 (21-5/8)	456 (18)
MVME36B2MN1TB				
MVME48C2MN1TB	1385 (54-1/2)	560 (22)	610 (24)	496 (19-1/2)
MVME60C2MN1TB				

3 Installation Space Requirements

3.1 Outdoor Units

Figure 2-3.1: Outdoor units installation space requirements



3.2 Indoor Units

Figure 2-3.2: Indoor units installation space requirements in the horizontal position

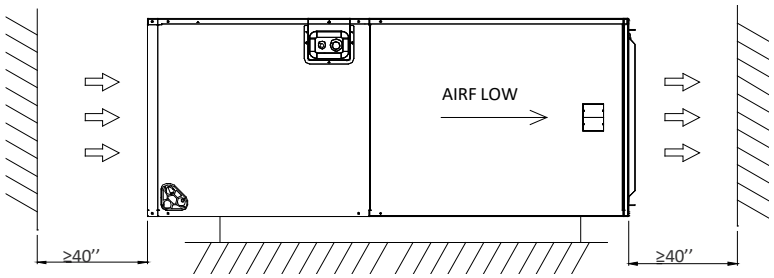
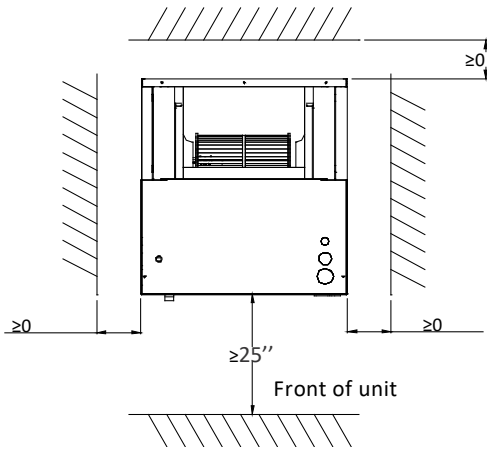


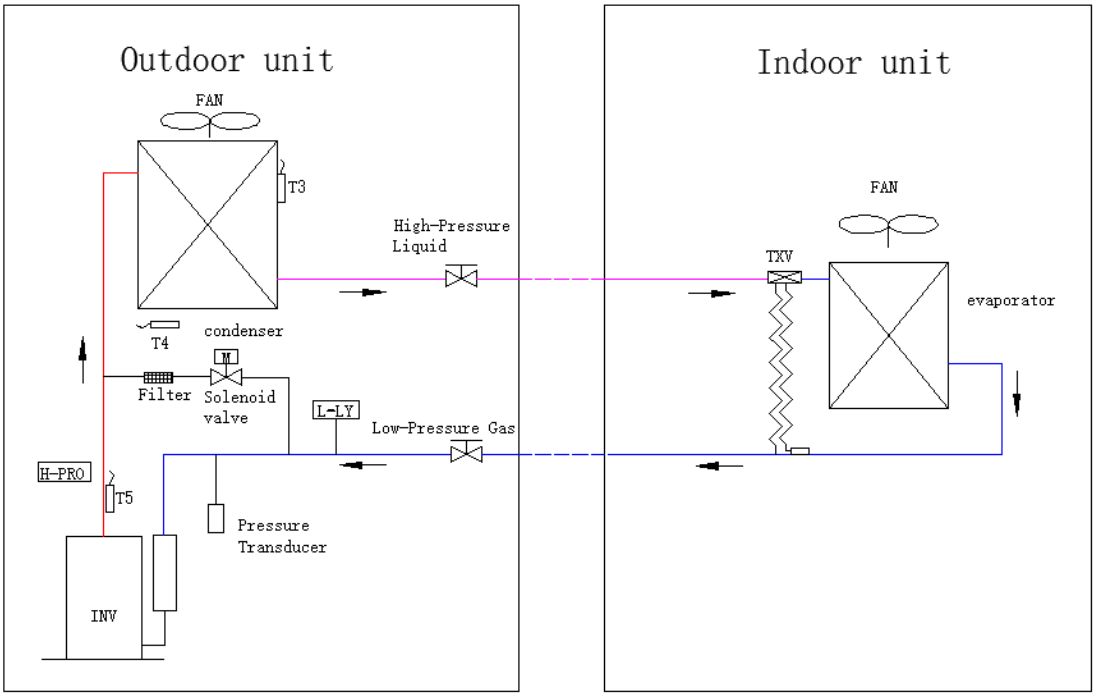
Figure 2-3.3: Indoor units installation space requirements in the vertical position



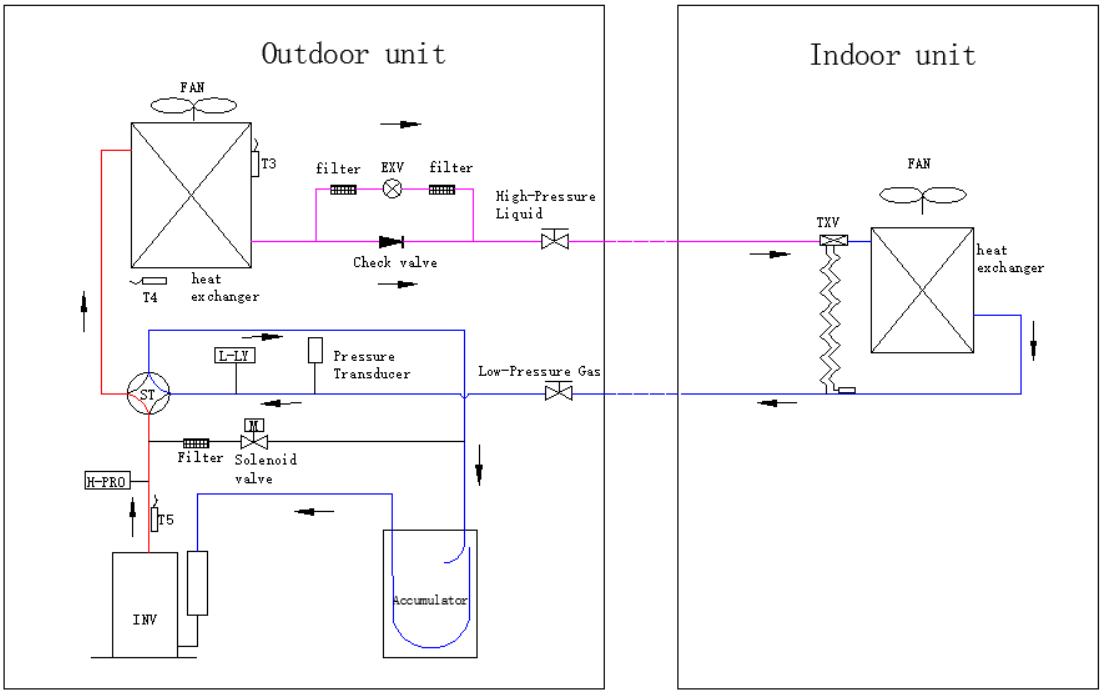
4 Piping Diagrams

Figure 2-4.1: piping diagram

MOVB-24CDN1-M18M / MOVB-36CDN1-M18M /MOVB-48CDN1-M18M/MOVB-60CDN1-M18M



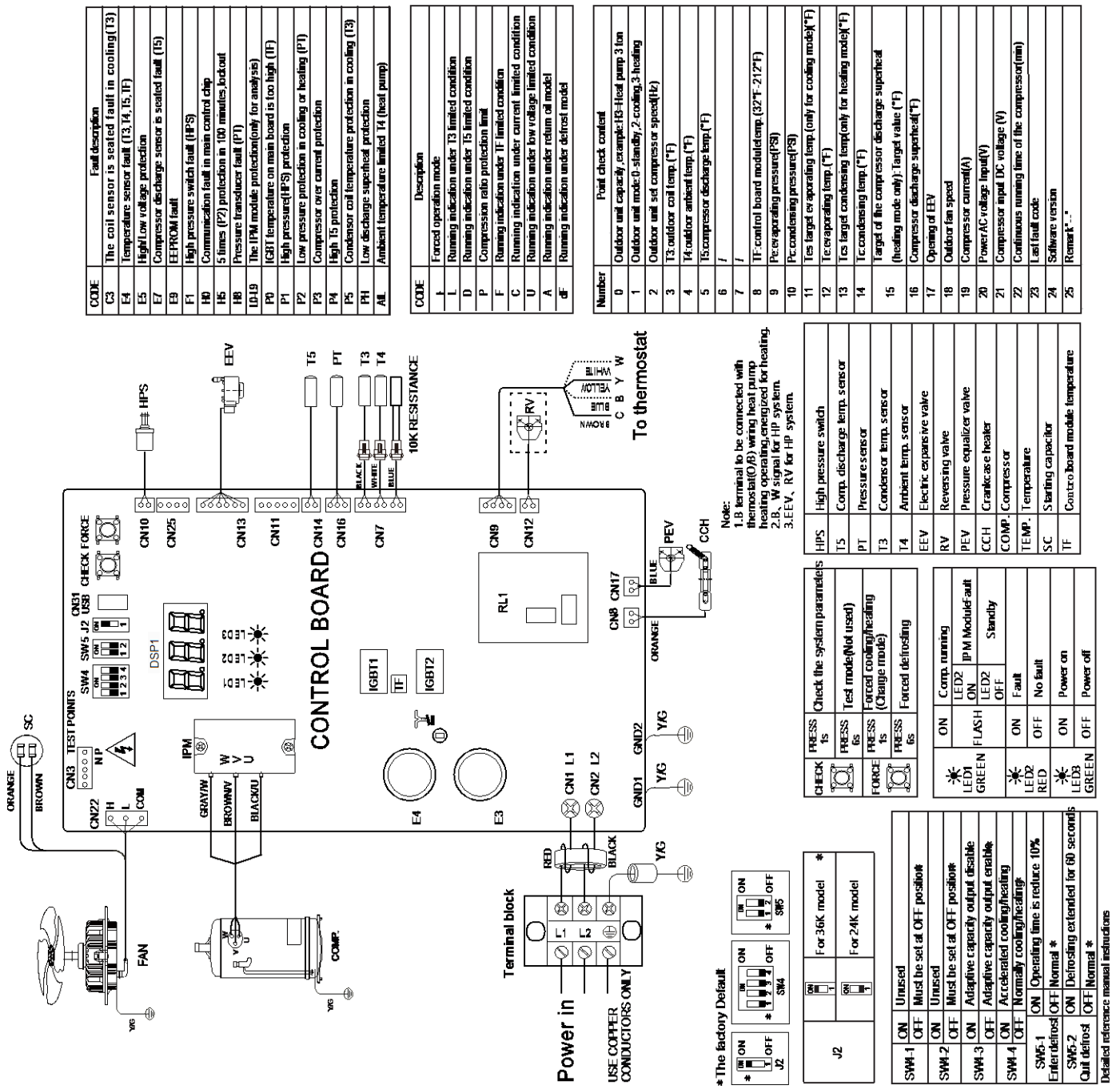
MOVB-24HDN1-M18M / MOVB-36HDN1-M18M / MOVB-48HDN1-M18M/ MOVB-60HDN1-M18M



5 Wiring Diagrams

5.1 Outdoor Units

Figure 2-5.1: MOVB-24CDN1-M18M / MOVB-36CDN1-M18M/ MOVB-24HDN1-M18M / MOVB-36HDN1-M18M wiring diagram



Fault description	
CODE	
C3	The coil sensor is seated fault in cooling(T3)
E4	Temperature sensor fault (T3, T4, T5, TF)
E5	High/Low voltage protection
E7	Compressor discharge sensor is seated fault (T5)
E9	EEPROM fault
F1	High pressure switch fault (HPS)
H0	Communication fault in main control chip
H5	5 times (P2) protection in 100 minutes,lockout
H8	Pressure transducer fault (PT)
L0-L9	The IPM module protection(only for analysis)
P0	IGBT temperature on main board is too high (TF)
P1	High pressure(HPS) protection
P2	Low pressure protection in cooling or heating (PT)
P3	Compressor over current protection
P4	High T5 protection
P5	Condensor coil temperature protection in cooling (T3)
PH	Low discharge superheat protection
AL	Ambient temperature limited T4 (heat pump)

Description	
CODE	
-	Forced operation mode
L	Running indication under T3 limited condition
D	Running indication under T5 limited condition
P	Compression ratio protection limit
F	Running indication under TF limited condition
C	Running indication under current limited condition
U	Running indication under low voltage limited condition
A	Running indication under return oil model
dF	Running indication under defrost model

Point check content	
Number	
0	Outdoor unit capacity, example:H3-Heat pump 3 ton
1	Outdoor unit mode:0-standby,2-cooling,3-heating
2	Outdoor unit set compressor speed(Hz)
3	T3: outdoor coil temp.(°F)
4	T4:outdoor ambient temp.(°F)
5	T5:compressor discharge temp.(°F)
6	/
7	/
8	TF:control board moduletemp.(32°F-212°F)
9	Pe:evaporating pressure(PSI)
10	Pc:condensing pressure(PSI)
11	Tes:target evaporating temp.(only for cooling mode)(°F)
12	Te:evaporating temp.(°F)
13	Tcs:target condensing temp(only for heating mode)(°F)
14	Tc:condensing temp.(°F)
15	Target of the compressor discharge superheat (heating mode only): Target value (°F)
16	Compressor discharge superheat(°F)
17	Opening of EEV
18	Outdoor fan speed
19	Compressor current(A)
20	Power:AC voltage input(V)
21	Compressor input DC voltage (V)
22	Continuous running time of the compressor(min)
23	Last fault code
24	Software version
25	Remark:"-"

HPS	High pressure switch	
T5	Comp. discharge temp. sensor	
PT	Pressure sensor	
T3	Condenser temp. sensor	
T4	Ambient temp. sensor	
EEV	Electric expansive valve	
RV	Reversing valve	
PEV	Pressure equalizer valve	
CCH	Crankcase heater	
COMP.	Compressor	
TEMP.	Temperature	
SC	Starting capacitor	
TF	Control board module temperature	

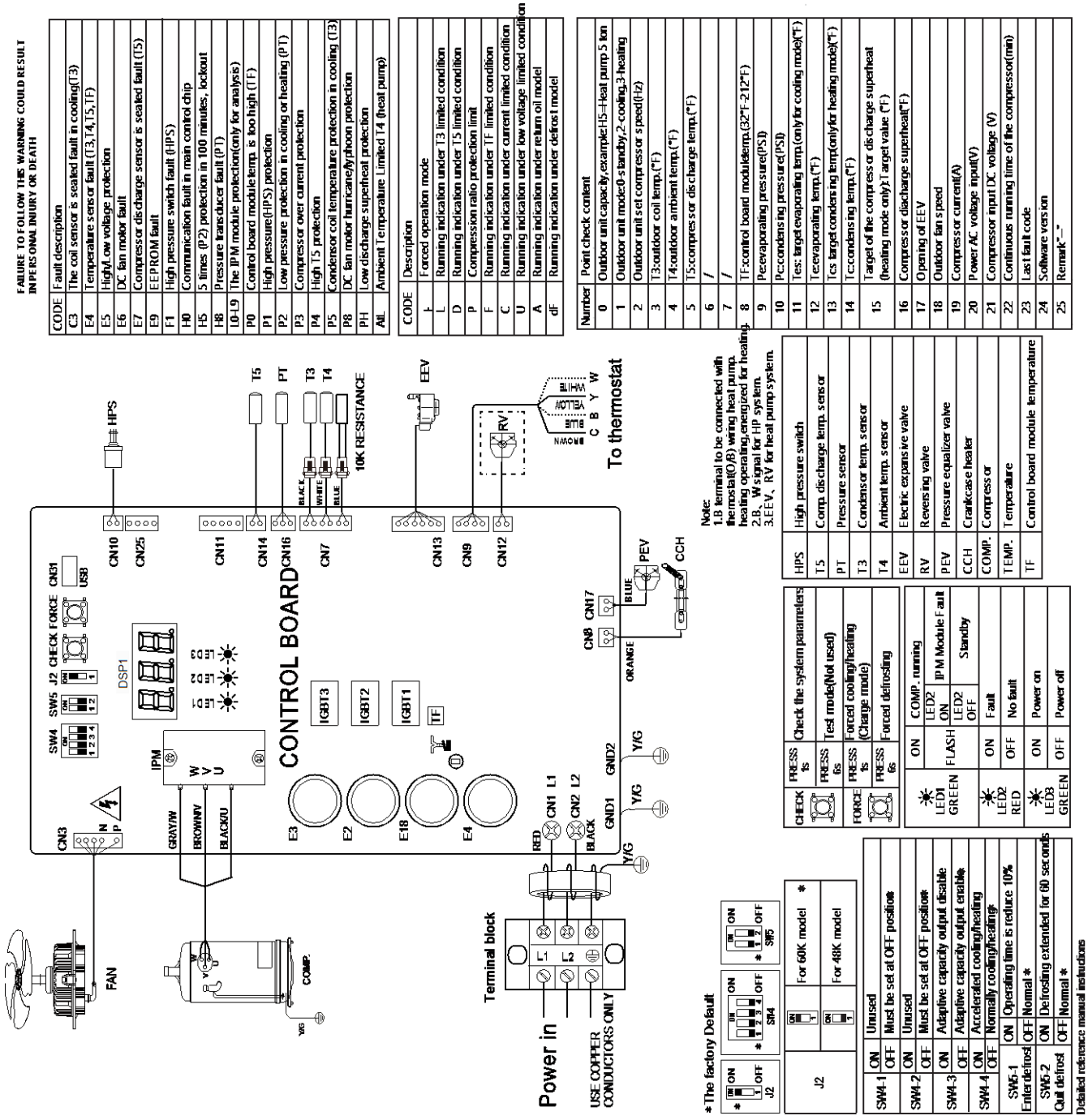
CHECK	PRESS 1s	Check the system parameters	
	PRESS 6s	Test mode(Not used)	
FORCE	PRESS 1s	Forced cooling/heating (Change mode)	
	PRESS 6s	Forced defrosting	

LED1 GREEN	ON	Comp. running		
	FLASH	LED2 ON	IPM Module fault	
		LED2 OFF	Standby	
LED2 RED	ON	Fault		
	OFF	No fault		
LED3 GREEN	ON	Power on		
	OFF	Power off		

SW4-1	ON	Unused
	OFF	Must be set at OFF position
SW4-2	ON	Unused
	OFF	Must be set at OFF position
SW4-3	ON	Adaptive capacity output disable
	OFF	Adaptive capacity output enable
SW4-4	ON	Accelerated cooling/heating
	OFF	Normally cooling/heating
SW5-1 Enter defrost	ON	Operating time is reduce 10%
	OFF	Normal *
SW5-2 Quit defrost	ON	Defrosting extended for 60 seconds
	OFF	Normal *

Detailed reference manual instructions

Figure 2-5.2: MOVB-48CDN1-M18M/MOVB-60CDN1-M18M/ MOVB-48HDN1-M18M/ MOVB-60HDN1-M18M wiring diagram



CODE	Fault description
C3	The coil sensor is sealed fault in cooling(T3)
E4	Temperature sensor fault (T3,T4,T5,TF)
E5	High/Low voltage protection
E6	DC fan motor fault
E7	Compressor discharge sensor is sealed fault (T5)
E9	EEPROM fault
F1	High pressure switch fault (HPS)
H0	Communication fault in main control chip
H5	5 times (P2) protection in 100 minutes, lockout
H8	Pressure transducer fault (PT)
L0-L9	The IPM module protection(only for analysis)
P0	Control board module temp. is too high (TF)
P1	High pressure(HPS) protection
P2	Low pressure protection in cooling or heating (PT)
P3	Compressor over current protection
P4	High T5 protection
P5	Condensor coil temperature protection in cooling (T3)
P8	DC fan motor hurricane/typhoon protection
PH	Low discharge superheat protection
AE	Ambient Temperature Limited T4 (heat pump)

CODE	Description
-	Forced operation mode
L	Running indication under T3 limited condition
D	Running indication under T5 limited condition
P	Compression ratio protection limit
F	Running indication under TF limited condition
C	Running indication under current limited condition
U	Running indication under low voltage limited condition
A	Running indication under return oil model
dF	Running indication under defrost model

Number	Point check content
0	Outdoor unit capacity,example:H5=Heat pump 5 ton
1	Outdoor unit mode:0-standby,2-cooling,3-heating
2	Outdoor unit set compressor speed(Hz)
3	T3:outdoor coil temp.(°F)
4	T4:outdoor ambient temp.(°F)
5	T5:compressor discharge temp.(°F)
6	/
7	/
8	TF:control board modultemp.(32°F-212°F)
9	Pe:evaporating pressure(PSI)
10	Pc:condensing pressure(PSI)
11	Tes: target evaporating temp.(only for cooling mode)(°F)
12	Te:evaporating temp.(°F)
13	Tcs: target condensing temp(only for heating mode)(°F)
14	Tc:condensing temp.(°F)
15	Target of the compressor discharge superheat (heating mode only) Target value (°F)
16	Compressor discharge superheat(°F)
17	Opening of EEV
18	Outdoor fan speed
19	Compressor current(A)
20	Power AC voltage input(V)
21	Compressor input DC voltage (V)
22	Continuous running time of the compressor(min)
23	Last fault code
24	Software version
25	Remark"-"

HPS	High pressure switch	CHECK	PRESS 1s	Check the system parameters		
T5	Comp. discharge temp. sensor		PRESS 6s	Test mode(Not used)		
PT	Pressure sensor	FORCE	PRESS 1s	Forced cooling/heating (Charge mode)		
T3	Condensor temp. sensor		PRESS 6s	Forced defrosting		
T4	Ambient temp. sensor					
EEV	Electric expansive valve		ON	COMP. running		
RV	Reversing valve	LED1 GREEN	FLASH	LED2 ON	IPM Module Fault	
PEV	Pressure equalizer valve			LED2 OFF	Standby	
CCH	Crankcase heater					
COMP.	Compressor	LED2 RED	ON	Fault		
TEMP.	Temperature		OFF	No fault		
TF	Control board module temperature	LED3 GREEN	ON	Power on		
			OFF	Power off		

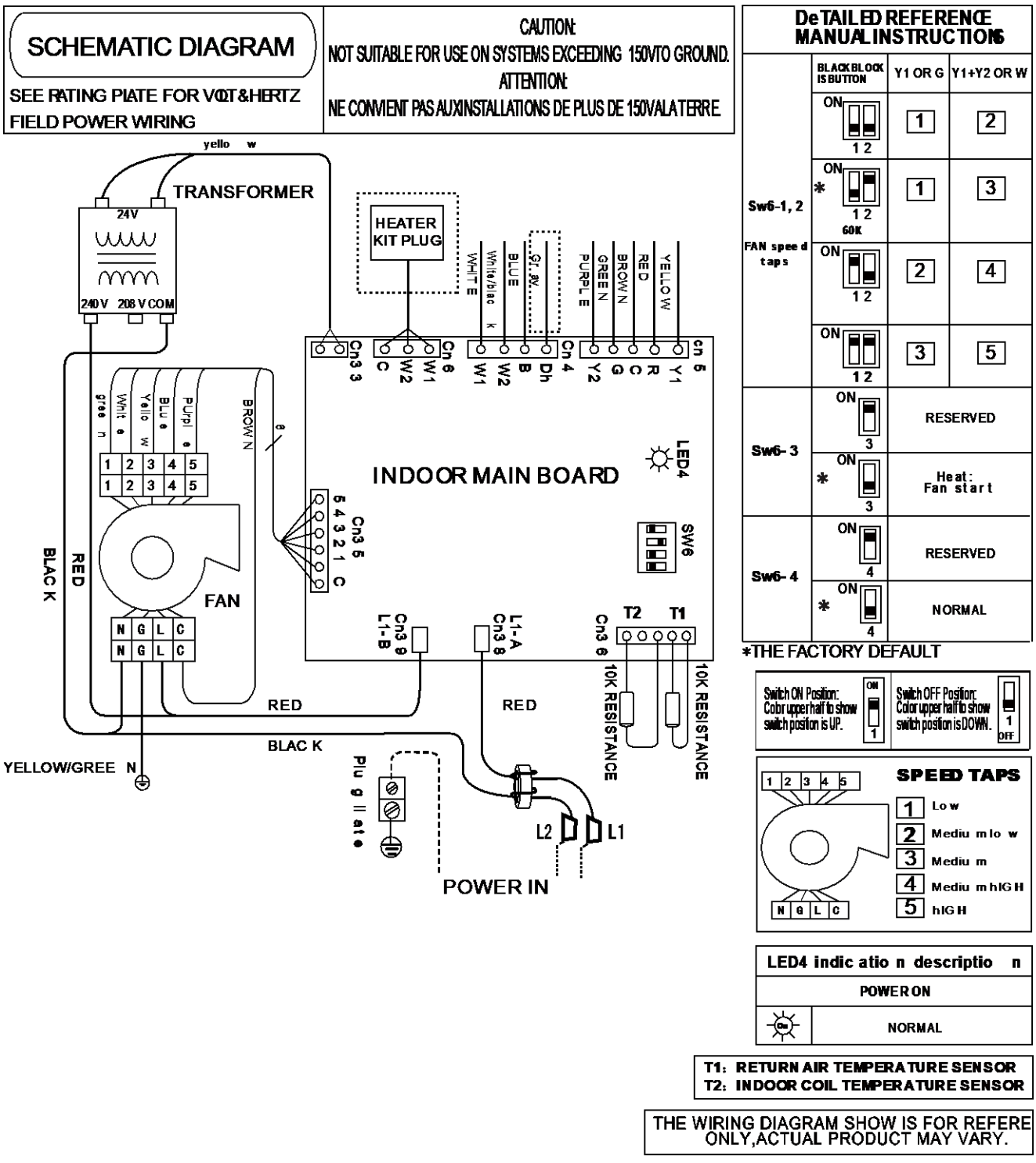
J2	ON	For 60K model *
	OFF	For 48K model

SW4-1	ON	Unused
	OFF	Must be set at OFF position
SW4-2	ON	Unused
	OFF	Must be set at OFF position
SW4-3	ON	Adaptive capacity output disable
	OFF	Adaptive capacity output enable
SW4-4	ON	Accelerated cooling/heating
	OFF	Normally cooling/heating
SW5-1 Enter defrost	ON	Operating time is reduce 10%
	OFF	Normal *
SW5-2 Quit defrost	ON	Defrosting extended for 60 seconds
	OFF	Normal *

Detailed reference manual instructions

5.2 Indoor Units

Figure 2-5.3: MVME24B2MN1TB / MVME36B2MN1TB / MVME48C2MN1TB /MVME60C2MN1TB wiring diagram



6 Capacity Tables

6.1 Cooling Capacity Tables

Table 2-6.1: MOVB-24CDN1-M18M + MVME24B2MN1TB/MVME24B2MN1TB cooling capacity

Airflow	Outdoor DB	IWB	59				63				67				71			
		IDB	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
700	65	TC	17.2	17.3	17.3	17.4	20.3	20.4	20.5	20.7	23.4	23.5	23.6	23.7	*	27.4	27.5	27.6
		S/T	0.85	1.00	1.00	1.00	0.57	0.76	0.97	1.00	0.38	0.55	0.73	0.89	*	0.37	0.52	0.67
		KW	0.84	0.84	0.84	0.84	0.89	0.89	0.89	0.89	1.06	1.06	1.06	1.06	*	1.25	1.25	1.25
	75	TC	17.2	17.3	17.3	17.4	20.3	20.4	20.5	20.7	23.4	23.5	23.6	23.7	*	27.4	27.5	27.6
		S/T	0.85	1.00	1.00	1.00	0.57	0.76	0.97	1.00	0.38	0.55	0.73	0.89	*	0.37	0.52	0.67
		KW	1.01	1.01	1.01	1.01	1.08	1.08	1.08	1.08	1.31	1.31	1.31	1.31	*	1.54	1.54	1.54
	85	TC	17.2	17.3	17.3	17.4	20.3	20.4	20.5	20.7	23.4	23.5	23.6	23.7	*	27.4	27.5	27.6
		S/T	0.85	1.00	1.00	1.00	0.57	0.76	0.97	1.00	0.38	0.55	0.73	0.89	*	0.37	0.52	0.67
		KW	1.20	1.20	1.20	1.20	1.35	1.35	1.35	1.35	1.58	1.58	1.58	1.58	*	1.90	1.90	1.90
	95	TC	17.2	17.3	17.3	17.4	20.3	20.4	20.5	20.7	23.4	23.5	23.6	23.7	*	27.4	27.5	27.6
		S/T	0.85	1.00	1.00	1.00	0.57	0.76	0.97	1.00	0.38	0.55	0.73	0.89	*	0.37	0.52	0.67
		KW	1.33	1.33	1.33	1.33	1.62	1.62	1.62	1.62	1.90	1.90	1.90	1.90	*	2.24	2.24	2.24
	105	TC	17.2	17.3	17.3	17.4	20.3	20.4	20.5	20.7	22.9	23.0	23.1	23.2	*	24.2	24.3	24.4
		S/T	0.85	1.00	1.00	1.00	0.57	0.76	0.97	1.00	0.38	0.55	0.73	0.89	*	0.38	0.53	0.68
		KW	1.61	1.61	1.61	1.61	1.96	1.96	1.96	1.96	2.20	2.20	2.20	2.20	*	2.25	2.25	2.25
	115	TC	17.2	17.3	17.0	17.4	17.8	17.8	17.9	18.0	18.7	18.8	18.9	19.0	*	19.7	19.8	19.9
		S/T	0.85	1.00	1.00	1.00	0.60	0.82	1.00	1.00	0.42	0.62	0.81	0.99	*	0.39	0.58	0.81
		KW	1.88	1.88	1.88	1.88	1.94	1.94	1.94	1.94	2.00	2.00	2.00	2.00	*	2.05	2.05	2.05
800	65	TC	17.5	17.5	17.6	17.7	20.7	20.8	20.9	21.0	23.8	23.9	24.0	24.1	*	27.8	28.0	28.1
		S/T	0.89	1.00	1.00	1.00	0.60	0.80	1.00	1.00	0.40	0.59	0.77	0.94	*	0.39	0.55	0.71
		KW	0.84	0.84	0.84	0.84	0.90	0.90	0.90	0.90	1.08	1.08	1.08	1.08	*	1.27	1.27	1.27
	75	TC	17.5	17.5	17.6	17.7	20.7	20.8	20.9	21.0	23.8	23.9	24.0	24.1	*	27.8	28.0	28.1
		S/T	0.89	1.00	1.00	1.00	0.60	0.80	1.00	1.00	0.40	0.59	0.77	0.94	*	0.39	0.55	0.71
		KW	1.02	1.02	1.02	1.02	1.09	1.09	1.09	1.09	1.32	1.32	1.32	1.32	*	1.56	1.56	1.56
	85	TC	17.5	17.5	17.6	17.7	20.7	20.8	20.9	21.0	23.8	23.9	24.0	24.1	*	27.8	28.0	28.1
		S/T	0.89	1.00	1.00	1.00	0.60	0.80	1.00	1.00	0.40	0.59	0.77	0.94	*	0.39	0.55	0.71
		KW	1.21	1.21	1.21	1.21	1.36	1.36	1.36	1.36	1.59	1.59	1.59	1.59	*	1.92	1.92	1.92
	95	TC	17.5	17.5	17.6	17.7	20.7	20.8	20.9	21.0	23.8	23.9	24.0	24.1	*	27.8	28.0	28.1
		S/T	0.89	1.00	1.00	1.00	0.60	0.80	1.00	1.00	0.40	0.59	0.77	0.94	*	0.39	0.55	0.71
		KW	1.34	1.34	1.34	1.34	1.63	1.63	1.63	1.63	1.92	1.92	1.92	1.92	*	2.27	2.27	2.27
	105	TC	17.5	17.5	17.6	17.7	20.7	20.8	20.9	21.0	23.3	23.4	23.5	23.6	*	24.6	24.7	24.8
		S/T	0.89	1.00	1.00	1.00	0.60	0.80	1.00	1.00	0.40	0.59	0.77	0.94	*	0.40	0.56	0.72
		KW	1.63	1.63	1.63	1.63	1.98	1.98	1.98	1.98	2.23	2.23	2.23	2.23	*	2.27	2.27	2.27
	115	TC	17.5	17.5	17.3	17.7	18.1	18.1	18.2	18.3	19.0	19.1	19.2	19.3	*	20.1	20.2	20.3
		S/T	0.89	1.00	1.00	1.00	0.63	0.87	1.00	1.00	0.44	0.65	0.85	1.00	*	0.41	0.61	0.86
		KW	1.90	1.90	1.90	1.90	1.96	1.96	1.96	1.96	2.02	2.02	2.02	2.02	*	2.08	2.08	2.08
900	65	TC	17.7	17.8	17.9	18.0	21.0	21.1	21.2	21.4	24.2	24.3	24.4	24.5	*	28.3	28.4	28.6
		S/T	0.93	1.00	1.00	1.00	0.62	0.83	1.00	1.00	0.42	0.61	0.80	0.98	*	0.41	0.57	0.73
		KW	0.85	0.85	0.85	0.85	0.91	0.91	0.91	0.91	1.09	1.09	1.09	1.09	*	1.28	1.28	1.28
	75	TC	17.7	17.8	17.9	18.0	21.0	21.1	21.2	21.4	24.2	24.3	24.4	24.5	*	28.3	28.4	28.6
		S/T	0.93	1.00	1.00	1.00	0.62	0.83	1.00	1.00	0.42	0.61	0.80	0.98	*	0.41	0.57	0.73
		KW	1.03	1.03	1.03	1.03	1.11	1.11	1.11	1.11	1.34	1.34	1.34	1.34	*	1.57	1.57	1.57
	85	TC	17.7	17.8	17.9	18.0	21.0	21.1	21.2	21.4	24.2	24.3	24.4	24.5	*	28.3	28.4	28.6
		S/T	0.93	1.00	1.00	1.00	0.62	0.83	1.00	1.00	0.42	0.61	0.80	0.98	*	0.41	0.57	0.73
		KW	1.22	1.22	1.22	1.22	1.38	1.38	1.38	1.38	1.61	1.61	1.61	1.61	*	1.94	1.94	1.94
	95	TC	17.7	17.8	17.9	18.0	21.0	21.1	21.2	21.4	24.2	24.3	24.4	24.5	*	28.3	28.4	28.6
		S/T	0.93	1.00	1.00	1.00	0.62	0.83	1.00	1.00	0.42	0.61	0.80	0.98	*	0.41	0.57	0.73

		KW	1.36	1.36	1.36	1.36	1.65	1.65	1.65	1.65	1.94	1.94	1.94	1.94	*	2.29	2.29	2.29
	105	TC	17.7	17.8	17.9	18.0	21.0	21.1	21.2	21.4	23.7	23.8	23.9	24.0	*	25.0	25.1	25.3
		S/T	0.93	1.00	1.00	1.00	0.62	0.83	1.00	1.00	0.42	0.61	0.80	0.98	*	0.42	0.58	0.75
		KW	1.64	1.64	1.64	1.64	2.00	2.00	2.00	2.00	2.25	2.25	2.25	2.25	*	2.30	2.30	2.30
	115	TC	17.7	17.8	17.6	18.0	18.4	18.5	18.5	18.6	19.3	19.4	19.5	19.6	*	20.4	20.5	20.6
		S/T	0.93	1.00	1.00	1.00	0.66	0.90	1.00	1.00	0.46	0.67	0.89	1.00	*	0.42	0.64	0.89
		KW	1.91	1.91	1.91	1.91	1.98	1.98	1.98	1.98	2.04	2.04	2.04	2.04	*	2.10	2.10	2.10

Table 2-6.2: MOVB-36CDN1-M18M + MVME36B2MN1TB/MVME36B2MN1TB cooling capacity

Airflow	Outdoor DB	IWB	59				63				67				71			
		IDB	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
1000	65	TC	25.2	25.3	25.4	25.5	29.8	30.0	30.1	30.3	34.3	34.4	34.6	34.8	*	40.1	40.3	40.5
		S/T	0.84	1.00	1.00	1.00	0.56	0.75	0.95	1.00	0.37	0.55	0.72	0.88	*	0.37	0.51	0.66
		KW	1.26	1.26	1.26	1.26	1.34	1.34	1.34	1.34	1.60	1.60	1.60	1.60	*	1.89	1.89	1.89
	75	TC	25.2	25.3	25.4	25.5	29.8	30.0	30.1	30.3	34.3	34.4	34.6	34.8	*	40.1	40.3	40.5
		S/T	0.84	1.00	1.00	1.00	0.56	0.75	0.95	1.00	0.37	0.55	0.72	0.88	*	0.37	0.51	0.66
		KW	1.52	1.52	1.52	1.52	1.63	1.63	1.63	1.63	1.97	1.97	1.97	1.97	*	2.32	2.32	2.32
	85	TC	25.2	25.3	25.4	25.5	29.8	30.0	30.1	30.3	34.3	34.4	34.6	34.8	*	40.1	40.3	40.5
		S/T	0.84	1.00	1.00	1.00	0.56	0.75	0.95	1.00	0.37	0.55	0.72	0.88	*	0.37	0.51	0.66
		KW	1.80	1.80	1.80	1.80	2.03	2.03	2.03	2.03	2.37	2.37	2.37	2.37	*	2.86	2.86	2.86
	95	TC	25.2	25.3	25.4	25.5	29.8	30.0	30.1	30.3	34.3	34.4	34.6	34.8	*	40.1	40.3	40.5
		S/T	0.84	1.00	1.00	1.00	0.56	0.75	0.95	1.00	0.37	0.55	0.72	0.88	*	0.37	0.51	0.66
		KW	2.00	2.00	2.00	2.00	2.43	2.43	2.43	2.43	2.86	2.86	2.86	2.86	*	3.47	3.47	3.47
	105	TC	25.2	25.3	25.4	25.5	29.8	30.0	30.1	30.3	34.3	34.4	34.6	34.8	*	37.2	37.4	37.6
		S/T	0.84	1.00	1.00	1.00	0.56	0.75	0.95	1.00	0.37	0.55	0.72	0.88	*	0.37	0.52	0.67
		KW	2.60	2.60	2.60	2.60	2.92	2.92	2.92	2.92	3.60	3.60	3.60	3.60	*	3.80	3.80	3.80
	115	TC	25.2	25.3	25.4	25.5	26.0	26.2	26.3	26.4	27.4	27.5	27.7	27.8	*	29.3	29.4	29.6
		S/T	0.84	1.00	1.00	1.00	0.59	0.81	1.00	1.00	0.42	0.61	0.80	0.98	*	0.38	0.57	0.80
		KW	2.95	2.95	2.95	2.95	3.00	3.00	3.00	3.00	3.09	3.09	3.09	3.09	*	3.20	3.20	3.20
1180	65	TC	25.6	25.7	25.9	26.0	30.3	30.5	30.6	30.8	34.8	35.0	35.2	35.4	*	40.8	41.0	41.2
		S/T	0.88	1.00	1.00	1.00	0.59	0.79	1.00	1.00	0.40	0.58	0.76	0.93	*	0.39	0.54	0.70
		KW	1.27	1.27	1.27	1.27	1.36	1.36	1.36	1.36	1.62	1.62	1.62	1.62	*	1.91	1.91	1.91
	75	TC	25.6	25.7	25.9	26.0	30.3	30.5	30.6	30.8	34.8	35.0	35.2	35.4	*	40.8	41.0	41.2
		S/T	0.88	1.00	1.00	1.00	0.59	0.79	1.00	1.00	0.40	0.58	0.76	0.93	*	0.39	0.54	0.70
		KW	1.53	1.53	1.53	1.53	1.65	1.65	1.65	1.65	1.99	1.99	1.99	1.99	*	2.34	2.34	2.34
	85	TC	25.6	25.7	25.9	26.0	30.3	30.5	30.6	30.8	34.8	35.0	35.2	35.4	*	40.8	41.0	41.2
		S/T	0.88	1.00	1.00	1.00	0.59	0.79	1.00	1.00	0.40	0.58	0.76	0.93	*	0.39	0.54	0.70
		KW	1.82	1.82	1.82	1.82	2.05	2.05	2.05	2.05	2.40	2.40	2.40	2.40	*	2.89	2.89	2.89
	95	TC	25.6	25.7	25.9	26.0	30.3	30.5	30.6	30.8	34.8	35.0	35.2	35.4	*	40.8	41.0	41.2
		S/T	0.88	1.00	1.00	1.00	0.59	0.79	1.00	1.00	0.40	0.58	0.76	0.93	*	0.39	0.54	0.70
		KW	2.02	2.02	2.02	2.02	2.46	2.46	2.46	2.46	2.89	2.89	2.89	2.89	*	3.51	3.51	3.51
	105	TC	25.6	25.7	25.9	26.0	30.3	30.5	30.6	30.8	34.8	35.0	35.2	35.4	*	37.8	38.0	38.2
		S/T	0.88	1.00	1.00	1.00	0.59	0.79	1.00	1.00	0.40	0.58	0.76	0.93	*	0.40	0.55	0.71
		KW	2.63	2.63	2.63	2.63	2.95	2.95	2.95	2.95	3.64	3.64	3.64	3.64	*	3.84	3.84	3.84
	115	TC	25.6	25.7	25.9	26.0	26.5	26.6	26.8	26.9	27.9	28.0	28.2	28.3	*	29.8	29.9	30.1
		S/T	0.88	1.00	1.00	1.00	0.62	0.86	1.00	1.00	0.44	0.64	0.84	1.00	*	0.40	0.60	0.85
		KW	2.98	2.98	2.98	2.98	3.03	3.03	3.03	3.03	3.12	3.12	3.12	3.12	*	3.24	3.24	3.24
1320	65	TC	26.0	26.2	26.3	26.4	30.9	31.0	31.2	31.3	35.4	35.6	35.8	36.0	*	41.5	41.7	41.9
		S/T	0.92	1.00	1.00	1.00	0.62	0.82	1.00	1.00	0.41	0.60	0.79	0.96	*	0.40	0.56	0.73
		KW	1.28	1.28	1.28	1.28	1.37	1.37	1.37	1.37	1.64	1.64	1.64	1.64	*	1.93	1.93	1.93
	75	TC	26.0	26.2	26.3	26.4	30.9	31.0	31.2	31.3	35.4	35.6	35.8	36.0	*	41.5	41.7	41.9
		S/T	0.92	1.00	1.00	1.00	0.62	0.82	1.00	1.00	0.41	0.60	0.79	0.96	*	0.40	0.56	0.73
		KW	1.55	1.55	1.55	1.55	1.66	1.66	1.66	1.66	2.01	2.01	2.01	2.01	*	2.37	2.37	2.37
	85	TC	26.0	26.2	26.3	26.4	30.9	31.0	31.2	31.3	35.4	35.6	35.8	36.0	*	41.5	41.7	41.9
		S/T	0.92	1.00	1.00	1.00	0.62	0.82	1.00	1.00	0.41	0.60	0.79	0.96	*	0.40	0.56	0.73

		KW	1.84	1.84	1.84	1.84	2.07	2.07	2.07	2.07	2.42	2.42	2.42	2.42	*	2.92	2.92	2.92
	95	TC	26.0	26.2	26.3	26.4	30.9	31.0	31.2	31.3	35.4	35.6	35.8	36.0	*	41.5	41.7	41.9
		S/T	0.92	1.00	1.00	1.00	0.62	0.82	1.00	1.00	0.41	0.60	0.79	0.96	*	0.40	0.56	0.73
		KW	2.04	2.04	2.04	2.04	2.48	2.48	2.48	2.48	2.92	2.92	2.92	2.92	*	3.55	3.55	3.55
	105	TC	26.0	26.2	26.3	26.4	30.9	31.0	31.2	31.3	35.4	35.6	35.8	36.0	*	38.5	38.7	38.9
		S/T	0.92	1.00	1.00	1.00	0.62	0.82	1.00	1.00	0.41	0.60	0.79	0.96	*	0.41	0.58	0.74
		KW	2.66	2.66	2.66	2.66	2.98	2.98	2.98	2.98	3.68	3.68	3.68	3.68	*	3.88	3.88	3.88
	115	TC	26.0	26.2	26.3	26.4	26.9	27.1	27.2	27.3	28.4	28.5	28.6	28.8	*	30.3	30.4	30.6
		S/T	0.92	1.00	1.00	1.00	0.65	0.89	1.00	1.00	0.46	0.67	0.88	1.00	*	0.42	0.63	0.88
		KW	3.01	3.01	3.01	3.01	3.07	3.07	3.07	3.07	3.15	3.15	3.15	3.15	*	3.27	3.27	3.27

Table 2-6.3: MOVB-48CDN1-M18M + MVME48C2MN1TB/MVME48C2MN1TB cooling capacity

Airflow	Outdoor DB	IWB	59				63				67				71			
		IDB	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
1360	65	TC	34.3	34.5	34.7	34.8	40.7	40.9	41.1	41.3	46.7	47.0	47.2	47.4	*	54.7	55.0	55.3
		S/T	0.84	1.00	1.00	1.00	0.56	0.75	0.95	1.00	0.37	0.55	0.72	0.88	*	0.37	0.51	0.66
		KW	1.67	1.67	1.67	1.67	1.78	1.78	1.78	1.78	2.12	2.12	2.12	2.12	*	2.50	2.50	2.50
	75	TC	34.3	34.5	34.7	34.8	40.7	40.9	41.1	41.3	46.7	47.0	47.2	47.4	*	54.7	55.0	55.3
		S/T	0.84	1.00	1.00	1.00	0.56	0.75	0.95	1.00	0.37	0.55	0.72	0.88	*	0.37	0.51	0.66
		KW	2.01	2.01	2.01	2.01	2.16	2.16	2.16	2.16	2.62	2.62	2.62	2.62	*	3.07	3.07	3.07
	85	TC	34.3	34.5	34.7	34.8	40.7	40.9	41.1	41.3	46.7	47.0	47.2	47.4	*	54.7	55.0	55.3
		S/T	0.84	1.00	1.00	1.00	0.56	0.75	0.95	1.00	0.37	0.55	0.72	0.88	*	0.37	0.51	0.66
		KW	2.39	2.39	2.39	2.39	2.69	2.69	2.69	2.69	3.15	3.15	3.15	3.15	*	3.79	3.79	3.79
	95	TC	34.3	34.5	34.7	34.8	40.7	40.9	41.1	41.3	46.7	47.0	47.2	47.4	*	54.7	55.0	55.3
		S/T	0.84	1.00	1.00	1.00	0.56	0.75	0.95	1.00	0.37	0.55	0.72	0.88	*	0.37	0.51	0.66
		KW	2.65	2.65	2.65	2.65	3.22	3.22	3.22	3.22	3.79	3.79	3.79	3.79	*	4.60	4.60	4.60
	105	TC	34.3	34.5	34.7	34.8	40.7	40.9	41.1	41.3	46.7	47.0	47.2	47.4	*	50.7	51.0	51.2
		S/T	0.84	1.00	1.00	1.00	0.56	0.75	0.95	1.00	0.37	0.55	0.72	0.88	*	0.37	0.52	0.67
		KW	3.45	3.45	3.45	3.45	3.87	3.87	3.87	3.87	4.78	4.78	4.78	4.78	*	5.04	5.04	5.04
	115	TC	34.3	34.5	34.7	34.8	35.5	35.7	35.9	36.1	37.4	37.6	37.8	37.9	*	39.9	40.1	40.3
		S/T	0.84	1.00	1.00	1.00	0.59	0.81	1.00	1.00	0.42	0.61	0.80	0.98	*	0.38	0.57	0.80
		KW	3.90	3.90	3.90	3.90	3.98	3.98	3.98	3.98	4.09	4.09	4.09	4.09	*	4.24	4.24	4.24
1560	65	TC	34.9	35.1	35.3	35.4	41.4	41.6	41.8	42.0	47.5	47.8	48.0	48.2	*	55.7	55.9	56.2
		S/T	0.87	1.00	1.00	1.00	0.59	0.78	0.99	1.00	0.39	0.57	0.75	0.92	*	0.38	0.54	0.69
		KW	1.69	1.69	1.69	1.69	1.80	1.80	1.80	1.80	2.15	2.15	2.15	2.15	*	2.53	2.53	2.53
	75	TC	34.9	35.1	35.3	35.4	41.4	41.6	41.8	42.0	47.5	47.8	48.0	48.2	*	55.7	55.9	56.2
		S/T	0.87	1.00	1.00	1.00	0.59	0.78	0.99	1.00	0.39	0.57	0.75	0.92	*	0.38	0.54	0.69
		KW	2.04	2.04	2.04	2.04	2.19	2.19	2.19	2.19	2.65	2.65	2.65	2.65	*	3.11	3.11	3.11
	85	TC	34.9	35.1	35.3	35.4	41.4	41.6	41.8	42.0	47.5	47.8	48.0	48.2	*	55.7	55.9	56.2
		S/T	0.87	1.00	1.00	1.00	0.59	0.78	0.99	1.00	0.39	0.57	0.75	0.92	*	0.38	0.54	0.69
		KW	2.42	2.42	2.42	2.42	2.73	2.73	2.73	2.73	3.19	3.19	3.19	3.19	*	3.84	3.84	3.84
	95	TC	34.9	35.1	35.3	35.4	41.4	41.6	41.8	42.0	47.5	47.8	48.0	48.2	*	55.7	55.9	56.2
		S/T	0.87	1.00	1.00	1.00	0.59	0.78	0.99	1.00	0.39	0.57	0.75	0.92	*	0.38	0.54	0.69
		KW	2.69	2.69	2.69	2.69	3.26	3.26	3.26	3.26	3.84	3.84	3.84	3.84	*	4.67	4.67	4.67
	105	TC	34.9	35.1	35.3	35.4	41.4	41.6	41.8	42.0	47.5	47.8	48.0	48.2	*	51.6	51.8	52.1
		S/T	0.87	1.00	1.00	1.00	0.59	0.78	0.99	1.00	0.39	0.57	0.75	0.92	*	0.39	0.55	0.70
		KW	3.49	3.49	3.49	3.49	3.92	3.92	3.92	3.92	4.84	4.84	4.84	4.84	*	5.11	5.11	5.11
	115	TC	34.9	35.1	35.3	35.4	36.1	36.3	36.5	36.7	38.0	38.2	38.4	38.6	*	40.6	40.8	41.0
		S/T	0.87	1.00	1.00	1.00	0.62	0.84	1.00	1.00	0.43	0.63	0.83	1.00	*	0.40	0.60	0.83
		KW	3.96	3.96	3.96	3.96	4.03	4.03	4.03	4.03	4.15	4.15	4.15	4.15	*	4.30	4.30	4.30
1760	65	TC	35.5	35.7	35.9	36.0	42.1	42.3	42.5	42.7	48.3	48.6	48.8	49.0	*	56.6	56.9	57.2
		S/T	0.90	1.00	1.00	1.00	0.61	0.81	1.00	1.00	0.41	0.59	0.78	0.95	*	0.40	0.56	0.72
		KW	1.71	1.71	1.71	1.71	1.83	1.83	1.83	1.83	2.18	2.18	2.18	2.18	*	2.57	2.57	2.57
	75	TC	35.5	35.7	35.9	36.0	42.1	42.3	42.5	42.7	48.3	48.6	48.8	49.0	*	56.6	56.9	57.2

		S/T	0.90	1.00	1.00	1.00	0.61	0.81	1.00	1.00	0.41	0.59	0.78	0.95	*	0.40	0.56	0.72
		KW	2.06	2.06	2.06	2.06	2.22	2.22	2.22	2.22	2.68	2.68	2.68	2.68	*	3.15	3.15	3.15
	85	TC	35.5	35.7	35.9	36.0	42.1	42.3	42.5	42.7	48.3	48.6	48.8	49.0	*	56.6	56.9	57.2
		S/T	0.90	1.00	1.00	1.00	0.61	0.81	1.00	1.00	0.41	0.59	0.78	0.95	*	0.40	0.56	0.72
		KW	2.45	2.45	2.45	2.45	2.76	2.76	2.76	2.76	3.23	3.23	3.23	3.23	*	3.89	3.89	3.89
	95	TC	35.5	35.7	35.9	36.0	42.1	42.3	42.5	42.7	48.3	48.6	48.8	49.0	*	56.6	56.9	57.2
		S/T	0.90	1.00	1.00	1.00	0.61	0.81	1.00	1.00	0.41	0.59	0.78	0.95	*	0.40	0.56	0.72
		KW	2.72	2.72	2.72	2.72	3.31	3.31	3.31	3.31	3.89	3.89	3.89	3.89	*	4.73	4.73	4.73
	105	TC	35.5	35.7	35.9	36.0	42.1	42.3	42.5	42.7	48.3	48.6	48.8	49.0	*	52.4	52.7	53.0
		S/T	0.90	1.00	1.00	1.00	0.61	0.81	1.00	1.00	0.41	0.59	0.78	0.95	*	0.41	0.57	0.73
		KW	3.54	3.54	3.54	3.54	3.97	3.97	3.97	3.97	4.90	4.90	4.90	4.90	*	5.17	5.17	5.17
	115	TC	35.5	35.7	35.9	36.0	36.7	36.9	37.1	37.3	38.7	38.8	39.0	39.2	*	41.3	41.5	41.7
		S/T	0.90	1.00	1.00	1.00	0.64	0.88	1.00	1.00	0.45	0.66	0.87	1.00	*	0.41	0.62	0.87
		KW	4.01	4.01	4.01	4.01	4.08	4.08	4.08	4.08	4.20	4.20	4.20	4.20	*	4.36	4.36	4.36

Table 2-6.4: MOVB-60CDN1-M18M + MVME60C2MN1TB/MVME60C2MN1TB cooling capacity

Airflow	Outdoor DB	IWB	59				63				67				71			
		IDB	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
1500	65	TC	41.5	41.7	41.9	42.2	49.2	49.5	49.7	50.0	56.5	56.8	57.1	57.4	*	66.2	66.5	66.9
		S/T	0.80	1.00	1.00	1.00	0.54	0.72	0.91	1.00	0.36	0.52	0.69	0.84	*	0.35	0.49	0.63
		KW	2.16	2.16	2.16	2.16	2.31	2.31	2.31	2.31	2.75	2.75	2.75	2.75	*	3.24	3.24	3.24
	75	TC	41.5	41.7	41.9	42.2	49.2	49.5	49.7	50.0	56.5	56.8	57.1	57.4	*	66.2	66.5	66.9
		S/T	0.80	1.00	1.00	1.00	0.54	0.72	0.91	1.00	0.36	0.52	0.69	0.84	*	0.35	0.49	0.63
		KW	2.60	2.60	2.60	2.60	2.80	2.80	2.80	2.80	3.39	3.39	3.39	3.39	*	3.98	3.98	3.98
	85	TC	41.5	41.7	41.9	42.2	49.2	49.5	49.7	50.0	56.5	56.8	57.1	57.4	*	66.2	66.5	66.9
		S/T	0.80	1.00	1.00	1.00	0.54	0.72	0.91	1.00	0.36	0.52	0.69	0.84	*	0.35	0.49	0.63
		KW	3.09	3.09	3.09	3.09	3.49	3.49	3.49	3.49	4.08	4.08	4.08	4.08	*	4.91	4.91	4.91
	95	TC	41.5	41.7	41.9	42.2	49.2	49.5	49.7	50.0	56.5	56.8	57.1	57.4	*	66.2	66.5	66.9
		S/T	0.80	1.00	1.00	1.00	0.54	0.72	0.91	1.00	0.36	0.52	0.69	0.84	*	0.35	0.49	0.63
		KW	3.44	3.44	3.44	3.44	4.17	4.17	4.17	4.17	4.91	4.91	4.91	4.91	*	5.79	5.79	5.79
	105	TC	41.5	41.7	41.9	42.2	49.2	49.5	49.7	50.0	55.4	55.7	56.0	56.2	*	58.5	58.8	59.1
		S/T	0.80	1.00	1.00	1.00	0.54	0.72	0.91	1.00	0.36	0.52	0.69	0.84	*	0.36	0.50	0.65
		KW	4.16	4.16	4.16	4.16	5.07	5.07	5.07	5.07	5.70	5.70	5.70	5.70	*	5.81	5.81	5.81
	115	TC	41.5	41.7	41.1	42.2	43.0	43.2	43.4	43.6	45.2	45.5	45.7	45.9	*	47.7	48.0	48.2
		S/T	0.80	1.00	1.00	1.00	0.57	0.78	0.96	1.00	0.40	0.58	0.77	0.93	*	0.37	0.55	0.77
		KW	4.85	4.85	4.85	4.85	5.00	5.00	5.00	5.00	5.16	5.16	5.16	5.16	*	5.31	5.31	5.31
1700	65	TC	42.2	42.4	42.6	42.8	50.0	50.2	50.5	50.8	57.4	57.7	58.0	58.3	*	67.2	67.6	67.9
		S/T	0.84	1.00	1.00	1.00	0.56	0.75	0.95	1.00	0.37	0.55	0.72	0.88	*	0.37	0.51	0.66
		KW	2.18	2.18	2.18	2.18	2.33	2.33	2.33	2.33	2.78	2.78	2.78	2.78	*	3.27	3.27	3.27
	75	TC	42.2	42.4	42.6	42.8	50.0	50.2	50.5	50.8	57.4	57.7	58.0	58.3	*	67.2	67.6	67.9
		S/T	0.84	1.00	1.00	1.00	0.56	0.75	0.95	1.00	0.37	0.55	0.72	0.88	*	0.37	0.51	0.66
		KW	2.63	2.63	2.63	2.63	2.83	2.83	2.83	2.83	3.42	3.42	3.42	3.42	*	4.02	4.02	4.02
	85	TC	42.2	42.4	42.6	42.8	50.0	50.2	50.5	50.8	57.4	57.7	58.0	58.3	*	67.2	67.6	67.9
		S/T	0.84	1.00	1.00	1.00	0.56	0.75	0.95	1.00	0.37	0.55	0.72	0.88	*	0.37	0.51	0.66
		KW	3.12	3.12	3.12	3.12	3.52	3.52	3.52	3.52	4.12	4.12	4.12	4.12	*	4.96	4.96	4.96
	95	TC	42.2	42.4	42.6	42.8	50.0	50.2	50.5	50.8	57.4	57.7	58.0	58.3	*	67.2	67.6	67.9
		S/T	0.84	1.00	1.00	1.00	0.56	0.75	0.95	1.00	0.37	0.55	0.72	0.88	*	0.37	0.51	0.66
		KW	3.47	3.47	3.47	3.47	4.22	4.22	4.22	4.22	4.96	4.96	4.96	4.96	*	5.85	5.85	5.85
	105	TC	42.2	42.4	42.6	42.8	50.0	50.2	50.5	50.8	56.3	56.6	56.8	57.1	*	59.4	59.7	60.0
		S/T	0.84	1.00	1.00	1.00	0.56	0.75	0.95	1.00	0.37	0.55	0.72	0.88	*	0.37	0.52	0.67
		KW	4.20	4.20	4.20	4.20	5.12	5.12	5.12	5.12	5.75	5.75	5.75	5.75	*	5.87	5.87	5.87
	115	TC	42.2	42.4	41.8	42.8	43.6	43.9	44.1	44.3	45.9	46.2	46.4	46.6	*	48.5	48.7	49.0
		S/T	0.84	1.00	1.00	1.00	0.59	0.81	1.00	1.00	0.42	0.61	0.80	0.98	*	0.38	0.57	0.80
		KW	4.90	4.90	4.90	4.90	5.05	5.05	5.05	5.05	5.21	5.21	5.21	5.21	*	5.36	5.36	5.36

1900	65	TC	42.8	43.1	43.3	43.5	50.8	51.0	51.3	51.5	58.3	58.6	58.9	59.2	*	68.3	68.6	69.0
		S/T	0.87	1.00	1.00	1.00	0.59	0.78	0.99	1.00	0.39	0.57	0.75	0.92	*	0.38	0.54	0.69
		KW	2.20	2.20	2.20	2.20	2.35	2.35	2.35	2.35	2.81	2.81	2.81	2.81	*	3.31	3.31	3.31
	75	TC	42.8	43.1	43.3	43.5	50.8	51.0	51.3	51.5	58.3	58.6	58.9	59.2	*	68.3	68.6	69.0
		S/T	0.87	1.00	1.00	1.00	0.59	0.78	0.99	1.00	0.39	0.57	0.75	0.92	*	0.38	0.54	0.69
		KW	2.66	2.66	2.66	2.66	2.86	2.86	2.86	2.86	3.46	3.46	3.46	3.46	*	4.06	4.06	4.06
	85	TC	42.8	43.1	43.3	43.5	50.8	51.0	51.3	51.5	58.3	58.6	58.9	59.2	*	68.3	68.6	69.0
		S/T	0.87	1.00	1.00	1.00	0.59	0.78	0.99	1.00	0.39	0.57	0.75	0.92	*	0.38	0.54	0.69
		KW	3.16	3.16	3.16	3.16	3.56	3.56	3.56	3.56	4.16	4.16	4.16	4.16	*	5.01	5.01	5.01
	95	TC	42.8	43.1	43.3	43.5	50.8	51.0	51.3	51.5	58.3	58.6	58.9	59.2	*	68.3	68.6	69.0
		S/T	0.87	1.00	1.00	1.00	0.59	0.78	0.99	1.00	0.39	0.57	0.75	0.92	*	0.38	0.54	0.69
		KW	3.51	3.51	3.51	3.51	4.26	4.26	4.26	4.26	5.01	5.01	5.01	5.01	*	5.91	5.91	5.91
	105	TC	42.8	43.1	43.3	43.5	50.8	51.0	51.3	51.5	57.1	57.4	57.7	58.0	*	60.4	60.7	61.0
		S/T	0.87	1.00	1.00	1.00	0.59	0.78	0.99	1.00	0.39	0.57	0.75	0.92	*	0.39	0.55	0.70
		KW	4.24	4.24	4.24	4.24	5.17	5.17	5.17	5.17	5.81	5.81	5.81	5.81	*	5.93	5.93	5.93
	115	TC	42.8	43.1	42.4	43.5	44.3	44.5	44.8	45.0	46.6	46.9	47.1	47.4	*	49.2	49.5	49.7
		S/T	0.87	1.00	1.00	1.00	0.62	0.84	1.00	1.00	0.43	0.63	0.83	1.00	*	0.40	0.60	0.83
		KW	4.94	4.94	4.94	4.94	5.10	5.10	5.10	5.10	5.26	5.26	5.26	5.26	*	5.42	5.42	5.42

Table 2-6.5: MOVB-24HDN1-M18M + MVME24B2MN1TB/MVME24B2MN1TB cooling capacity

Airflow	Outdoor DB	IWB	59				63				67				71			
		IDB	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
700	65	TC	17.2	17.3	17.3	17.4	20.3	20.4	20.5	20.7	23.4	23.5	23.6	23.7	*	27.4	27.5	27.6
		S/T	0.85	1.00	1.00	1.00	0.57	0.76	0.97	1.00	0.38	0.55	0.73	0.89	*	0.37	0.52	0.67
		KW	0.90	0.90	0.90	0.90	0.96	0.96	0.96	0.96	1.15	1.15	1.15	1.15	*	1.35	1.35	1.35
	75	TC	17.2	17.3	17.3	17.4	20.3	20.4	20.5	20.7	23.4	23.5	23.6	23.7	*	27.4	27.5	27.6
		S/T	0.85	1.00	1.00	1.00	0.57	0.76	0.97	1.00	0.38	0.55	0.73	0.89	*	0.37	0.52	0.67
		KW	1.09	1.09	1.09	1.09	1.17	1.17	1.17	1.17	1.41	1.41	1.41	1.41	*	1.66	1.66	1.66
	85	TC	17.2	17.3	17.3	17.4	20.3	20.4	20.5	20.7	23.4	23.5	23.6	23.7	*	27.4	27.5	27.6
		S/T	0.85	1.00	1.00	1.00	0.57	0.76	0.97	1.00	0.38	0.55	0.73	0.89	*	0.37	0.52	0.67
		KW	1.29	1.29	1.29	1.29	1.46	1.46	1.46	1.46	1.70	1.70	1.70	1.70	*	2.05	2.05	2.05
	95	TC	17.2	17.3	17.3	17.4	20.3	20.4	20.5	20.7	23.4	23.5	23.6	23.7	*	27.4	27.5	27.6
		S/T	0.85	1.00	1.00	1.00	0.57	0.76	0.97	1.00	0.38	0.55	0.73	0.89	*	0.37	0.52	0.67
		KW	1.44	1.44	1.44	1.44	1.74	1.74	1.74	1.74	2.05	2.05	2.05	2.05	*	2.42	2.42	2.42
	105	TC	17.2	17.3	17.3	17.4	20.3	20.4	20.5	20.7	22.9	23.0	23.1	23.2	*	24.2	24.3	24.4
		S/T	0.85	1.00	1.00	1.00	0.57	0.76	0.97	1.00	0.38	0.55	0.73	0.89	*	0.38	0.53	0.68
		KW	1.74	1.74	1.74	1.74	2.12	2.12	2.12	2.12	2.38	2.38	2.38	2.38	*	2.43	2.43	2.43
	115	TC	17.2	17.3	17.0	17.4	17.8	17.8	17.9	18.0	18.7	18.8	18.9	19.0	*	19.7	19.8	19.9
		S/T	0.85	1.00	1.00	1.00	0.60	0.82	1.00	1.00	0.42	0.62	0.81	0.99	*	0.39	0.58	0.81
		KW	2.02	2.02	2.02	2.02	2.09	2.09	2.09	2.09	2.15	2.15	2.15	2.15	*	2.22	2.22	2.22
800	65	TC	17.5	17.5	17.6	17.7	20.7	20.8	20.9	21.0	23.8	23.9	24.0	24.1	*	27.8	28.0	28.1
		S/T	0.89	1.00	1.00	1.00	0.60	0.80	1.00	1.00	0.40	0.59	0.77	0.94	*	0.39	0.55	0.71
		KW	0.91	0.91	0.91	0.91	0.97	0.97	0.97	0.97	1.16	1.16	1.16	1.16	*	1.37	1.37	1.37
	75	TC	17.5	17.5	17.6	17.7	20.7	20.8	20.9	21.0	23.8	23.9	24.0	24.1	*	27.8	28.0	28.1
		S/T	0.89	1.00	1.00	1.00	0.60	0.80	1.00	1.00	0.40	0.59	0.77	0.94	*	0.39	0.55	0.71
		KW	1.10	1.10	1.10	1.10	1.18	1.18	1.18	1.18	1.43	1.43	1.43	1.43	*	1.68	1.68	1.68
	85	TC	17.5	17.5	17.6	17.7	20.7	20.8	20.9	21.0	23.8	23.9	24.0	24.1	*	27.8	28.0	28.1
		S/T	0.89	1.00	1.00	1.00	0.60	0.80	1.00	1.00	0.40	0.59	0.77	0.94	*	0.39	0.55	0.71
		KW	1.30	1.30	1.30	1.30	1.47	1.47	1.47	1.47	1.72	1.72	1.72	1.72	*	2.07	2.07	2.07
	95	TC	17.5	17.5	17.6	17.7	20.7	20.8	20.9	21.0	23.8	23.9	24.0	24.1	*	27.8	28.0	28.1
		S/T	0.89	1.00	1.00	1.00	0.60	0.80	1.00	1.00	0.40	0.59	0.77	0.94	*	0.39	0.55	0.71
		KW	1.45	1.45	1.45	1.45	1.76	1.76	1.76	1.76	2.07	2.07	2.07	2.07	*	2.44	2.44	2.44
	105	TC	17.5	17.5	17.6	17.7	20.7	20.8	20.9	21.0	23.3	23.4	23.5	23.6	*	24.6	24.7	24.8
		S/T	0.89	1.00	1.00	1.00	0.60	0.80	1.00	1.00	0.40	0.59	0.77	0.94	*	0.40	0.56	0.72

		KW	1.75	1.75	1.75	1.75	2.14	2.14	2.14	2.14	2.40	2.40	2.40	2.40	*	2.45	2.45	2.45
	115	TC	17.5	17.5	17.3	17.7	18.1	18.1	18.2	18.3	19.0	19.1	19.2	19.3	*	20.1	20.2	20.3
		S/T	0.89	1.00	1.00	1.00	0.63	0.87	1.00	1.00	0.44	0.65	0.85	1.00	*	0.41	0.61	0.86
		KW	2.04	2.04	2.04	2.04	2.11	2.11	2.11	2.11	2.17	2.17	2.17	2.17	*	2.24	2.24	2.24
900	65	TC	17.7	17.8	17.9	18.0	21.0	21.1	21.2	21.4	24.2	24.3	24.4	24.5	*	28.3	28.4	28.6
		S/T	0.93	1.00	1.00	1.00	0.62	0.83	1.00	1.00	0.42	0.61	0.80	0.98	*	0.41	0.57	0.73
		KW	0.92	0.92	0.92	0.92	0.98	0.98	0.98	0.98	1.17	1.17	1.17	1.17	*	1.38	1.38	1.38
	75	TC	17.7	17.8	17.9	18.0	21.0	21.1	21.2	21.4	24.2	24.3	24.4	24.5	*	28.3	28.4	28.6
		S/T	0.93	1.00	1.00	1.00	0.62	0.83	1.00	1.00	0.42	0.61	0.80	0.98	*	0.41	0.57	0.73
		KW	1.11	1.11	1.11	1.11	1.19	1.19	1.19	1.19	1.44	1.44	1.44	1.44	*	1.69	1.69	1.69
	85	TC	17.7	17.8	17.9	18.0	21.0	21.1	21.2	21.4	24.2	24.3	24.4	24.5	*	28.3	28.4	28.6
		S/T	0.93	1.00	1.00	1.00	0.62	0.83	1.00	1.00	0.42	0.61	0.80	0.98	*	0.41	0.57	0.73
		KW	1.32	1.32	1.32	1.32	1.48	1.48	1.48	1.48	1.73	1.73	1.73	1.73	*	2.09	2.09	2.09
	95	TC	17.7	17.8	17.9	18.0	21.0	21.1	21.2	21.4	24.2	24.3	24.4	24.5	*	28.3	28.4	28.6
		S/T	0.93	1.00	1.00	1.00	0.62	0.83	1.00	1.00	0.42	0.61	0.80	0.98	*	0.41	0.57	0.73
		KW	1.46	1.46	1.46	1.46	1.78	1.78	1.78	1.78	2.09	2.09	2.09	2.09	*	2.47	2.47	2.47
	105	TC	17.7	17.8	17.9	18.0	21.0	21.1	21.2	21.4	23.7	23.8	23.9	24.0	*	25.0	25.1	25.3
		S/T	0.93	1.00	1.00	1.00	0.62	0.83	1.00	1.00	0.42	0.61	0.80	0.98	*	0.42	0.58	0.75
		KW	1.77	1.77	1.77	1.77	2.16	2.16	2.16	2.16	2.42	2.42	2.42	2.42	*	2.47	2.47	2.47
	115	TC	17.7	17.8	17.6	18.0	18.4	18.5	18.5	18.6	19.3	19.4	19.5	19.6	*	20.4	20.5	20.6
		S/T	0.93	1.00	1.00	1.00	0.66	0.90	1.00	1.00	0.46	0.67	0.89	1.00	*	0.42	0.64	0.89
		KW	2.06	2.06	2.06	2.06	2.13	2.13	2.13	2.13	2.19	2.19	2.19	2.19	*	2.26	2.26	2.26

Table 2-6.6: MOVB-36HDN1-M18M + MVME36B2MN1TB/MVME36B2MN1TB cooling capacity

Airflow	Outdoor DB	IWB	59				63				67				71			
		IDB	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
1000	65	TC	24.7	24.8	24.9	25.0	29.2	29.4	29.5	29.7	33.6	33.7	33.9	34.1	*	39.3	39.5	39.7
		S/T	0.84	1.00	1.00	1.00	0.56	0.75	0.95	1.00	0.37	0.55	0.72	0.88	*	0.37	0.51	0.66
		KW	1.30	1.30	1.30	1.30	1.39	1.39	1.39	1.39	1.65	1.65	1.65	1.65	*	1.95	1.95	1.95
	75	TC	24.7	24.8	24.9	25.0	29.2	29.4	29.5	29.7	33.6	33.7	33.9	34.1	*	39.3	39.5	39.7
		S/T	0.84	1.00	1.00	1.00	0.56	0.75	0.95	1.00	0.37	0.55	0.72	0.88	*	0.37	0.51	0.66
		KW	1.56	1.56	1.56	1.56	1.68	1.68	1.68	1.68	2.04	2.04	2.04	2.04	*	2.39	2.39	2.39
	85	TC	24.7	24.8	24.9	25.0	29.2	29.4	29.5	29.7	33.6	33.7	33.9	34.1	*	39.3	39.5	39.7
		S/T	0.84	1.00	1.00	1.00	0.56	0.75	0.95	1.00	0.37	0.55	0.72	0.88	*	0.37	0.51	0.66
		KW	1.86	1.86	1.86	1.86	2.09	2.09	2.09	2.09	2.45	2.45	2.45	2.45	*	2.95	2.95	2.95
	95	TC	24.7	24.8	24.9	25.0	29.2	29.4	29.5	29.7	33.6	33.7	33.9	34.1	*	39.3	39.5	39.7
		S/T	0.84	1.00	1.00	1.00	0.56	0.75	0.95	1.00	0.37	0.55	0.72	0.88	*	0.37	0.51	0.66
		KW	2.07	2.07	2.07	2.07	2.51	2.51	2.51	2.51	2.95	2.95	2.95	2.95	*	3.58	3.58	3.58
	105	TC	24.7	24.8	24.9	25.0	29.2	29.4	29.5	29.7	33.6	33.7	33.9	34.1	*	36.4	36.6	36.8
		S/T	0.84	1.00	1.00	1.00	0.56	0.75	0.95	1.00	0.37	0.55	0.72	0.88	*	0.37	0.52	0.67
		KW	2.68	2.68	2.68	2.68	3.01	3.01	3.01	3.01	3.72	3.72	3.72	3.72	*	3.92	3.92	3.92
	115	TC	24.7	24.8	24.9	25.0	25.5	25.6	25.8	25.9	26.8	27.0	27.1	27.3	*	28.7	28.8	29.0
		S/T	0.84	1.00	1.00	1.00	0.59	0.81	1.00	1.00	0.42	0.61	0.80	0.98	*	0.38	0.57	0.80
		KW	3.04	3.04	3.04	3.04	3.10	3.10	3.10	3.10	3.19	3.19	3.19	3.19	*	3.30	3.30	3.30
1180	65	TC	25.2	25.3	25.4	25.5	29.8	30.0	30.1	30.3	34.3	34.4	34.6	34.8	*	40.1	40.3	40.5
		S/T	0.89	1.00	1.00	1.00	0.60	0.80	1.00	1.00	0.40	0.59	0.77	0.94	*	0.39	0.55	0.71
		KW	1.31	1.31	1.31	1.31	1.40	1.40	1.40	1.40	1.67	1.67	1.67	1.67	*	1.97	1.97	1.97
	75	TC	25.2	25.3	25.4	25.5	29.8	30.0	30.1	30.3	34.3	34.4	34.6	34.8	*	40.1	40.3	40.5
		S/T	0.89	1.00	1.00	1.00	0.60	0.80	1.00	1.00	0.40	0.59	0.77	0.94	*	0.39	0.55	0.71
		KW	1.58	1.58	1.58	1.58	1.70	1.70	1.70	1.70	2.06	2.06	2.06	2.06	*	2.41	2.41	2.41
	85	TC	25.2	25.3	25.4	25.5	29.8	30.0	30.1	30.3	34.3	34.4	34.6	34.8	*	40.1	40.3	40.5
		S/T	0.89	1.00	1.00	1.00	0.60	0.80	1.00	1.00	0.40	0.59	0.77	0.94	*	0.39	0.55	0.71
		KW	1.88	1.88	1.88	1.88	2.12	2.12	2.12	2.12	2.47	2.47	2.47	2.47	*	2.98	2.98	2.98
	95	TC	25.2	25.3	25.4	25.5	29.8	30.0	30.1	30.3	34.3	34.4	34.6	34.8	*	40.1	40.3	40.5

		S/T	0.89	1.00	1.00	1.00	0.60	0.80	1.00	1.00	0.40	0.59	0.77	0.94	*	0.39	0.55	0.71
		KW	2.09	2.09	2.09	2.09	2.53	2.53	2.53	2.53	2.98	2.98	2.98	2.98	*	3.62	3.62	3.62
	105	TC	25.2	25.3	25.4	25.5	29.8	30.0	30.1	30.3	34.3	34.4	34.6	34.8	*	37.2	37.4	37.6
		S/T	0.89	1.00	1.00	1.00	0.60	0.80	1.00	1.00	0.40	0.59	0.77	0.94	*	0.40	0.56	0.72
		KW	2.71	2.71	2.71	2.71	3.04	3.04	3.04	3.04	3.75	3.75	3.75	3.75	*	3.96	3.96	3.96
	115	TC	25.2	25.3	25.4	25.5	26.0	26.2	26.3	26.4	27.4	27.5	27.7	27.8	*	29.3	29.4	29.6
		S/T	0.89	1.00	1.00	1.00	0.63	0.87	1.00	1.00	0.44	0.65	0.85	1.00	*	0.41	0.61	0.86
		KW	3.07	3.07	3.07	3.07	3.13	3.13	3.13	3.13	3.22	3.22	3.22	3.22	*	3.34	3.34	3.34
1320	65	TC	25.7	25.9	26.0	26.1	30.5	30.7	30.8	31.0	35.0	35.2	35.4	35.6	*	41.0	41.3	41.5
		S/T	0.93	1.00	1.00	1.00	0.62	0.83	1.00	1.00	0.42	0.61	0.80	0.98	*	0.41	0.57	0.73
		KW	1.32	1.32	1.32	1.32	1.41	1.41	1.41	1.41	1.68	1.68	1.68	1.68	*	1.98	1.98	1.98
	75	TC	25.7	25.9	26.0	26.1	30.5	30.7	30.8	31.0	35.0	35.2	35.4	35.6	*	41.0	41.3	41.5
		S/T	0.93	1.00	1.00	1.00	0.62	0.83	1.00	1.00	0.42	0.61	0.80	0.98	*	0.41	0.57	0.73
		KW	1.59	1.59	1.59	1.59	1.71	1.71	1.71	1.71	2.07	2.07	2.07	2.07	*	2.43	2.43	2.43
	85	TC	25.7	25.9	26.0	26.1	30.5	30.7	30.8	31.0	35.0	35.2	35.4	35.6	*	41.0	41.3	41.5
		S/T	0.93	1.00	1.00	1.00	0.62	0.83	1.00	1.00	0.42	0.61	0.80	0.98	*	0.41	0.57	0.73
		KW	1.89	1.89	1.89	1.89	2.13	2.13	2.13	2.13	2.49	2.49	2.49	2.49	*	3.00	3.00	3.00
	95	TC	25.7	25.9	26.0	26.1	30.5	30.7	30.8	31.0	35.0	35.2	35.4	35.6	*	41.0	41.3	41.5
		S/T	0.93	1.00	1.00	1.00	0.62	0.83	1.00	1.00	0.42	0.61	0.80	0.98	*	0.41	0.57	0.73
		KW	2.10	2.10	2.10	2.10	2.55	2.55	2.55	2.55	3.00	3.00	3.00	3.00	*	3.65	3.65	3.65
	105	TC	25.7	25.9	26.0	26.1	30.5	30.7	30.8	31.0	35.0	35.2	35.4	35.6	*	38.0	38.2	38.4
		S/T	0.93	1.00	1.00	1.00	0.62	0.83	1.00	1.00	0.42	0.61	0.80	0.98	*	0.42	0.58	0.75
		KW	2.73	2.73	2.73	2.73	3.06	3.06	3.06	3.06	3.78	3.78	3.78	3.78	*	3.99	3.99	3.99
	115	TC	25.7	25.9	26.0	26.1	26.6	26.8	26.9	27.0	28.0	28.2	28.3	28.5	*	29.9	30.1	30.2
		S/T	0.93	1.00	1.00	1.00	0.66	0.90	1.00	1.00	0.46	0.67	0.89	1.00	*	0.42	0.64	0.89
		KW	3.09	3.09	3.09	3.09	3.15	3.15	3.15	3.15	3.24	3.24	3.24	3.24	*	3.36	3.36	3.36

Table 2-6.7: MOVB-48HDN1-M18M + MVME48B2MN1TB cooling capacity

Airflow	Outdoor DB	IWB	59				63				67				71			
		IDB	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
1360	65	TC	33.7	33.8	34.0	34.2	39.9	40.1	40.3	40.5	45.8	46.1	46.3	46.5	*	53.7	54.0	54.2
		S/T	0.85	1.00	1.00	1.00	0.57	0.76	0.97	1.00	0.38	0.55	0.73	0.89	*	0.37	0.52	0.67
		KW	1.71	1.71	1.71	1.71	1.82	1.82	1.82	1.82	2.17	2.17	2.17	2.17	*	2.56	2.56	2.56
	75	TC	33.7	33.8	34.0	34.2	39.9	40.1	40.3	40.5	45.8	46.1	46.3	46.5	*	53.7	54.0	54.2
		S/T	0.85	1.00	1.00	1.00	0.57	0.76	0.97	1.00	0.38	0.55	0.73	0.89	*	0.37	0.52	0.67
		KW	2.06	2.06	2.06	2.06	2.21	2.21	2.21	2.21	2.68	2.68	2.68	2.68	*	3.14	3.14	3.14
	85	TC	33.7	33.8	34.0	34.2	39.9	40.1	40.3	40.5	45.8	46.1	46.3	46.5	*	53.7	54.0	54.2
		S/T	0.85	1.00	1.00	1.00	0.57	0.76	0.97	1.00	0.38	0.55	0.73	0.89	*	0.37	0.52	0.67
		KW	2.44	2.44	2.44	2.44	2.75	2.75	2.75	2.75	3.22	3.22	3.22	3.22	*	3.88	3.88	3.88
	95	TC	33.7	33.8	34.0	34.2	39.9	40.1	40.3	40.5	45.8	46.1	46.3	46.5	*	53.7	54.0	54.2
		S/T	0.85	1.00	1.00	1.00	0.57	0.76	0.97	1.00	0.38	0.55	0.73	0.89	*	0.37	0.52	0.67
		KW	2.72	2.72	2.72	2.72	3.30	3.30	3.30	3.30	3.88	3.88	3.88	3.88	*	4.71	4.71	4.71
	105	TC	33.7	33.8	34.0	34.2	39.9	40.1	40.3	40.5	45.8	46.1	46.3	46.5	*	49.8	50.0	50.3
		S/T	0.85	1.00	1.00	1.00	0.57	0.76	0.97	1.00	0.38	0.55	0.73	0.89	*	0.38	0.53	0.68
		KW	3.53	3.53	3.53	3.53	3.96	3.96	3.96	3.96	4.89	4.89	4.89	4.89	*	5.16	5.16	5.16
	115	TC	33.7	33.8	34.0	34.2	34.8	35.0	35.2	35.4	36.7	36.9	37.0	37.2	*	39.2	39.4	39.6
		S/T	0.85	1.00	1.00	1.00	0.60	0.82	1.00	1.00	0.42	0.62	0.81	0.99	*	0.39	0.58	0.81
		KW	4.00	4.00	4.00	4.00	4.07	4.07	4.07	4.07	4.19	4.19	4.19	4.19	*	4.35	4.35	4.35
1560	65	TC	34.2	34.4	34.5	34.7	40.5	40.7	40.9	41.1	46.5	46.8	47.0	47.2	*	54.5	54.8	55.0
		S/T	0.88	1.00	1.00	1.00	0.59	0.79	1.00	1.00	0.40	0.58	0.76	0.93	*	0.39	0.54	0.70
		KW	1.72	1.72	1.72	1.72	1.84	1.84	1.84	1.84	2.20	2.20	2.20	2.20	*	2.59	2.59	2.59
	75	TC	34.2	34.4	34.5	34.7	40.5	40.7	40.9	41.1	46.5	46.8	47.0	47.2	*	54.5	54.8	55.0
		S/T	0.88	1.00	1.00	1.00	0.59	0.79	1.00	1.00	0.40	0.58	0.76	0.93	*	0.39	0.54	0.70
		KW	2.08	2.08	2.08	2.08	2.23	2.23	2.23	2.23	2.70	2.70	2.70	2.70	*	3.18	3.18	3.18

	85	TC	34.2	34.4	34.5	34.7	40.5	40.7	40.9	41.1	46.5	46.8	47.0	47.2	*	54.5	54.8	55.0
		S/T	0.88	1.00	1.00	1.00	0.59	0.79	1.00	1.00	0.40	0.58	0.76	0.93	*	0.39	0.54	0.70
		KW	2.47	2.47	2.47	2.47	2.78	2.78	2.78	2.78	3.25	3.25	3.25	3.25	*	3.92	3.92	3.92
	95	TC	34.2	34.4	34.5	34.7	40.5	40.7	40.9	41.1	46.5	46.8	47.0	47.2	*	54.5	54.8	55.0
		S/T	0.88	1.00	1.00	1.00	0.59	0.79	1.00	1.00	0.40	0.58	0.76	0.93	*	0.39	0.54	0.70
		KW	2.74	2.74	2.74	2.74	3.33	3.33	3.33	3.33	3.92	3.92	3.92	3.92	*	4.76	4.76	4.76
	105	TC	34.2	34.4	34.5	34.7	40.5	40.7	40.9	41.1	46.5	46.8	47.0	47.2	*	50.5	50.8	51.0
		S/T	0.88	1.00	1.00	1.00	0.59	0.79	1.00	1.00	0.40	0.58	0.76	0.93	*	0.40	0.55	0.71
		KW	3.57	3.57	3.57	3.57	4.00	4.00	4.00	4.00	4.94	4.94	4.94	4.94	*	5.21	5.21	5.21
	115	TC	34.2	34.4	34.5	34.7	35.4	35.5	35.7	35.9	37.2	37.4	37.6	37.8	*	39.8	40.0	40.1
		S/T	0.88	1.00	1.00	1.00	0.62	0.86	1.00	1.00	0.44	0.64	0.84	1.00	*	0.40	0.60	0.85
		KW	4.04	4.04	4.04	4.04	4.12	4.12	4.12	4.12	4.23	4.23	4.23	4.23	*	4.39	4.39	4.39
1760	65	TC	34.7	34.9	35.0	35.2	41.1	41.3	41.5	41.7	47.2	47.5	47.7	47.9	*	55.3	55.6	55.9
		S/T	0.92	1.00	1.00	1.00	0.62	0.82	1.00	1.00	0.41	0.60	0.79	0.96	*	0.40	0.56	0.73
		KW	1.74	1.74	1.74	1.74	1.86	1.86	1.86	1.86	2.22	2.22	2.22	2.22	*	2.61	2.61	2.61
	75	TC	34.7	34.9	35.0	35.2	41.1	41.3	41.5	41.7	47.2	47.5	47.7	47.9	*	55.3	55.6	55.9
		S/T	0.92	1.00	1.00	1.00	0.62	0.82	1.00	1.00	0.41	0.60	0.79	0.96	*	0.40	0.56	0.73
		KW	2.10	2.10	2.10	2.10	2.26	2.26	2.26	2.26	2.73	2.73	2.73	2.73	*	3.21	3.21	3.21
	85	TC	34.7	34.9	35.0	35.2	41.1	41.3	41.5	41.7	47.2	47.5	47.7	47.9	*	55.3	55.6	55.9
		S/T	0.92	1.00	1.00	1.00	0.62	0.82	1.00	1.00	0.41	0.60	0.79	0.96	*	0.40	0.56	0.73
		KW	2.49	2.49	2.49	2.49	2.81	2.81	2.81	2.81	3.29	3.29	3.29	3.29	*	3.96	3.96	3.96
	95	TC	34.7	34.9	35.0	35.2	41.1	41.3	41.5	41.7	47.2	47.5	47.7	47.9	*	55.3	55.6	55.9
		S/T	0.92	1.00	1.00	1.00	0.62	0.82	1.00	1.00	0.41	0.60	0.79	0.96	*	0.40	0.56	0.73
		KW	2.77	2.77	2.77	2.77	3.37	3.37	3.37	3.37	3.96	3.96	3.96	3.96	*	4.81	4.81	4.81
	105	TC	34.7	34.9	35.0	35.2	41.1	41.3	41.5	41.7	47.2	47.5	47.7	47.9	*	51.3	51.5	51.8
		S/T	0.92	1.00	1.00	1.00	0.62	0.82	1.00	1.00	0.41	0.60	0.79	0.96	*	0.41	0.58	0.74
		KW	3.60	3.60	3.60	3.60	4.04	4.04	4.04	4.04	4.99	4.99	4.99	4.99	*	5.27	5.27	5.27
	115	TC	34.7	34.9	35.0	35.2	35.9	36.1	36.3	36.4	37.8	38.0	38.2	38.4	*	40.3	40.5	40.7
		S/T	0.92	1.00	1.00	1.00	0.65	0.89	1.00	1.00	0.46	0.67	0.88	1.00	*	0.42	0.63	0.88
		KW	4.08	4.08	4.08	4.08	4.16	4.16	4.16	4.16	4.28	4.28	4.28	4.28	*	4.44	4.44	4.44

Table 2-6.8: MOVB-60HDN1-M18M + MVME60B2MN1TB cooling capacity

Airflow	Outdoor DB	IWB	59				63				67				71			
		IDB	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
1500	65	TC	40.8	41.0	41.2	41.4	48.4	48.6	48.8	49.1	55.5	55.8	56.1	56.4	*	65.0	65.4	65.7
		S/T	0.81	1.00	1.00	1.00	0.55	0.73	0.93	1.00	0.36	0.53	0.70	0.85	*	0.36	0.50	0.64
		KW	2.22	2.22	2.22	2.22	2.37	2.37	2.37	2.37	2.83	2.83	2.83	2.83	*	3.33	3.33	3.33
	75	TC	40.8	41.0	41.2	41.4	48.4	48.6	48.8	49.1	55.5	55.8	56.1	56.4	*	65.0	65.4	65.7
		S/T	0.81	1.00	1.00	1.00	0.55	0.73	0.93	1.00	0.36	0.53	0.70	0.85	*	0.36	0.50	0.64
		KW	2.68	2.68	2.68	2.68	2.88	2.88	2.88	2.88	3.48	3.48	3.48	3.48	*	4.09	4.09	4.09
	85	TC	40.8	41.0	41.2	41.4	48.4	48.6	48.8	49.1	55.5	55.8	56.1	56.4	*	65.0	65.4	65.7
		S/T	0.81	1.00	1.00	1.00	0.55	0.73	0.93	1.00	0.36	0.53	0.70	0.85	*	0.36	0.50	0.64
		KW	3.18	3.18	3.18	3.18	3.59	3.59	3.59	3.59	4.19	4.19	4.19	4.19	*	5.05	5.05	5.05
	95	TC	40.8	41.0	41.2	41.4	48.4	48.6	48.8	49.1	55.5	55.8	56.1	56.4	*	65.0	65.4	65.7
		S/T	0.81	1.00	1.00	1.00	0.55	0.73	0.93	1.00	0.36	0.53	0.70	0.85	*	0.36	0.50	0.64
		KW	3.54	3.54	3.54	3.54	4.29	4.29	4.29	4.29	5.05	5.05	5.05	5.05	*	5.96	5.96	5.96
	105	TC	40.8	41.0	41.2	41.4	48.4	48.6	48.8	49.1	54.4	54.7	55.0	55.3	*	57.5	57.8	58.1
		S/T	0.81	1.00	1.00	1.00	0.55	0.73	0.93	1.00	0.36	0.53	0.70	0.85	*	0.36	0.51	0.66
		KW	4.28	4.28	4.28	4.28	5.21	5.21	5.21	5.21	5.86	5.86	5.86	5.86	*	5.98	5.98	5.98
	115	TC	40.8	41.0	40.4	41.4	42.2	42.4	42.6	42.8	44.4	44.7	44.9	45.1	*	46.9	47.1	47.4
		S/T	0.81	1.00	1.00	1.00	0.57	0.79	0.98	1.00	0.40	0.59	0.78	0.95	*	0.37	0.56	0.78
		KW	4.98	4.98	4.98	4.98	5.14	5.14	5.14	5.14	5.30	5.30	5.30	5.30	*	5.46	5.46	5.46
1700	65	TC	41.5	41.7	41.9	42.1	49.1	49.4	49.6	49.9	56.4	56.7	57.0	57.3	*	66.1	66.4	66.8
		S/T	0.85	1.00	1.00	1.00	0.57	0.76	0.97	1.00	0.38	0.55	0.73	0.89	*	0.37	0.52	0.67

		KW	2.24	2.24	2.24	2.24	2.39	2.39	2.39	2.39	2.85	2.85	2.85	2.85	*	3.36	3.36	3.36
	75	TC	41.5	41.7	41.9	42.1	49.1	49.4	49.6	49.9	56.4	56.7	57.0	57.3	*	66.1	66.4	66.8
		S/T	0.85	1.00	1.00	1.00	0.57	0.76	0.97	1.00	0.38	0.55	0.73	0.89	*	0.37	0.52	0.67
		KW	2.70	2.70	2.70	2.70	2.90	2.90	2.90	2.90	3.51	3.51	3.51	3.51	*	4.12	4.12	4.12
	85	TC	41.5	41.7	41.9	42.1	49.1	49.4	49.6	49.9	56.4	56.7	57.0	57.3	*	66.1	66.4	66.8
		S/T	0.85	1.00	1.00	1.00	0.57	0.76	0.97	1.00	0.38	0.55	0.73	0.89	*	0.37	0.52	0.67
		KW	3.21	3.21	3.21	3.21	3.61	3.61	3.61	3.61	4.22	4.22	4.22	4.22	*	5.09	5.09	5.09
	95	TC	41.5	41.7	41.9	42.1	49.1	49.4	49.6	49.9	56.4	56.7	57.0	57.3	*	66.1	66.4	66.8
		S/T	0.85	1.00	1.00	1.00	0.57	0.76	0.97	1.00	0.38	0.55	0.73	0.89	*	0.37	0.52	0.67
		KW	3.56	3.56	3.56	3.56	4.33	4.33	4.33	4.33	5.09	5.09	5.09	5.09	*	6.01	6.01	6.01
	105	TC	41.5	41.7	41.9	42.1	49.1	49.4	49.6	49.9	55.3	55.6	55.9	56.1	*	58.4	58.7	59.0
		S/T	0.85	1.00	1.00	1.00	0.57	0.76	0.97	1.00	0.38	0.55	0.73	0.89	*	0.38	0.53	0.68
		KW	4.31	4.31	4.31	4.31	5.25	5.25	5.25	5.25	5.90	5.90	5.90	5.90	*	6.02	6.02	6.02
	115	TC	41.5	41.7	41.0	42.1	42.9	43.1	43.3	43.5	45.1	45.4	45.6	45.8	*	47.6	47.9	48.1
		S/T	0.85	1.00	1.00	1.00	0.60	0.82	1.00	1.00	0.42	0.62	0.81	0.99	*	0.39	0.58	0.81
		KW	5.02	5.02	5.02	5.02	5.18	5.18	5.18	5.18	5.34	5.34	5.34	5.34	*	5.50	5.50	5.50
1900	65	TC	42.1	42.3	42.5	42.7	49.9	50.2	50.4	50.7	57.3	57.6	57.9	58.2	*	67.1	67.5	67.8
		S/T	0.88	1.00	1.00	1.00	0.59	0.79	1.00	1.00	0.40	0.58	0.76	0.93	*	0.39	0.54	0.70
		KW	2.26	2.26	2.26	2.26	2.42	2.42	2.42	2.42	2.88	2.88	2.88	2.88	*	3.39	3.39	3.39
	75	TC	42.1	42.3	42.5	42.7	49.9	50.2	50.4	50.7	57.3	57.6	57.9	58.2	*	67.1	67.5	67.8
		S/T	0.88	1.00	1.00	1.00	0.59	0.79	1.00	1.00	0.40	0.58	0.76	0.93	*	0.39	0.54	0.70
		KW	2.72	2.72	2.72	2.72	2.93	2.93	2.93	2.93	3.55	3.55	3.55	3.55	*	4.16	4.16	4.16
	85	TC	42.1	42.3	42.5	42.7	49.9	50.2	50.4	50.7	57.3	57.6	57.9	58.2	*	67.1	67.5	67.8
		S/T	0.88	1.00	1.00	1.00	0.59	0.79	1.00	1.00	0.40	0.58	0.76	0.93	*	0.39	0.54	0.70
		KW	3.24	3.24	3.24	3.24	3.65	3.65	3.65	3.65	4.27	4.27	4.27	4.27	*	5.14	5.14	5.14
	95	TC	42.1	42.3	42.5	42.7	49.9	50.2	50.4	50.7	57.3	57.6	57.9	58.2	*	67.1	67.5	67.8
		S/T	0.88	1.00	1.00	1.00	0.59	0.79	1.00	1.00	0.40	0.58	0.76	0.93	*	0.39	0.54	0.70
		KW	3.60	3.60	3.60	3.60	4.37	4.37	4.37	4.37	5.14	5.14	5.14	5.14	*	6.07	6.07	6.07
	105	TC	42.1	42.3	42.5	42.7	49.9	50.2	50.4	50.7	56.2	56.5	56.7	57.0	*	59.3	59.6	59.9
		S/T	0.88	1.00	1.00	1.00	0.59	0.79	1.00	1.00	0.40	0.58	0.76	0.93	*	0.40	0.55	0.71
		KW	4.35	4.35	4.35	4.35	5.31	5.31	5.31	5.31	5.96	5.96	5.96	5.96	*	6.08	6.08	6.08
	115	TC	42.1	42.3	41.7	42.7	43.6	43.8	44.0	44.2	45.9	46.1	46.3	46.6	*	48.4	48.6	48.9
		S/T	0.88	1.00	1.00	1.00	0.62	0.86	1.00	1.00	0.44	0.64	0.84	1.00	*	0.40	0.60	0.85
		KW	5.07	5.07	5.07	5.07	5.24	5.24	5.24	5.24	5.40	5.40	5.40	5.40	*	5.56	5.56	5.56

6.2 Heating Capacity Tables

Table 2-6.9: MOVB-24HDN1-M18M + MVME24B2MN1TB/MVME24B2MN1TB heating capacity

24 AHU + 2436 HP																		
Airflow	ID	OD	72	67	62	57	52	47	42	37	32	27	22	17	12	7	2	-3
700	60	TC	30.3	30.3	30.3	30.3	30.3	28.5	26.8	25.2	23.7	22.3	20.9	19.9	19.1	18.7	18.3	18.0
		KW	1.66	1.80	1.94	2.06	2.26	2.28	2.37	2.35	2.33	2.28	2.25	2.23	2.29	2.39	2.51	2.63
	70	TC	23.6	23.6	23.6	23.6	23.6	23.6	23.6	21.7	20.8	19.8	18.9	18.7	18.4	18.1	18.0	17.7
		KW	1.37	1.47	1.56	1.67	1.80	1.92	2.11	2.11	2.19	2.24	2.23	2.28	2.39	2.48	2.61	2.73
	75	TC	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.0	19.0	17.7	16.8	16.3	16.0	15.6	15.3
		KW	1.25	1.33	1.41	1.50	1.59	1.71	1.86	1.99	2.12	2.16	2.15	2.14	2.20	2.27	2.35	2.43
	80	TC	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	16.8	16.1	15.8	15.5	15.2
		KW	1.12	1.19	1.26	1.33	1.42	1.50	1.63	1.74	1.86	1.99	2.12	2.18	2.26	2.35	2.42	2.48
800	60	TC	30.9	30.9	30.9	30.9	30.9	29.0	27.3	25.6	24.1	22.6	21.3	20.2	19.4	19.0	18.6	18.3
		KW	1.67	1.80	1.94	2.06	2.26	2.28	2.34	2.32	2.29	2.25	2.22	2.20	2.26	2.36	2.48	2.59
	70	TC	24.0	24.0	24.0	24.0	24.0	24.0	24.0	22.1	21.1	20.2	19.2	19.0	18.7	18.4	18.2	18.0
		KW	1.37	1.47	1.56	1.68	1.80	1.93	2.08	2.08	2.16	2.21	2.19	2.25	2.35	2.44	2.57	2.68
	75	TC	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.3	19.3	18.0	17.1	16.6	16.2	15.9	15.6
		KW	1.25	1.33	1.41	1.50	1.60	1.71	1.84	1.96	2.09	2.13	2.12	2.11	2.17	2.24	2.32	2.39
	80	TC	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.1	16.4	16.1	15.7	15.4
		KW	1.13	1.19	1.26	1.34	1.42	1.50	1.61	1.71	1.83	1.96	2.09	2.15	2.23	2.31	2.38	2.45
900	60	TC	31.5	31.5	31.5	31.5	31.5	29.6	27.8	26.2	24.6	23.1	21.7	20.6	19.8	19.4	19.0	18.7
		KW	1.63	1.76	1.89	2.01	2.21	2.23	2.32	2.30	2.27	2.23	2.20	2.18	2.24	2.34	2.45	2.57
	70	TC	24.5	24.5	24.5	24.5	24.5	24.5	24.5	22.5	21.5	20.5	19.5	19.3	19.0	18.6	18.4	18.2
		KW	1.34	1.43	1.52	1.64	1.76	1.88	2.06	2.06	2.14	2.18	2.17	2.22	2.32	2.40	2.52	2.63
	75	TC	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	20.8	19.7	18.3	17.4	16.9	16.6	16.2	15.9
		KW	1.22	1.30	1.37	1.47	1.56	1.67	1.82	1.95	2.07	2.11	2.11	2.10	2.15	2.22	2.30	2.37
	80	TC	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.4	16.7	16.4	16.1	15.8
		KW	1.10	1.16	1.23	1.30	1.38	1.47	1.59	1.70	1.82	1.95	2.08	2.13	2.21	2.29	2.36	2.43

Table 2-6.10: MOVB-36HDN1-M18M + MVME36B2MN1TB/MVME36B2MN1TB heating capacity

36 AHU + 2436 HP																		
Airflow	ID	OD	72	67	62	57	52	47	42	37	32	27	22	17	12	7	2	-3
1000	60	TC	42.7	42.7	42.7	42.7	42.7	40.1	37.7	35.5	33.3	31.3	29.4	28.0	26.9	26.3	25.8	25.3
		KW	2.51	2.74	2.93	3.14	3.27	3.21	3.23	3.19	3.18	3.14	3.11	3.09	3.17	3.33	3.48	3.63
	70	TC	33.2	33.2	33.2	33.2	33.2	33.2	33.2	30.0	28.2	26.4	24.6	23.7	23.1	22.5	22.1	21.6
		KW	1.92	2.08	2.24	2.42	2.63	2.81	3.10	2.99	2.95	2.87	2.80	2.79	2.89	2.98	3.10	3.18
	75	TC	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.1	26.7	24.9	23.6	22.9	22.5	22.0	21.6
		KW	1.70	1.83	1.94	2.08	2.25	2.41	2.67	2.88	3.04	3.04	2.95	2.89	2.96	3.06	3.16	3.24
	80	TC	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	23.6	22.7	22.2	21.8	21.3
		KW	1.48	1.58	1.69	1.80	1.92	2.05	2.25	2.41	2.60	2.78	2.95	3.00	3.05	3.13	3.22	3.28
1180	60	TC	43.2	43.2	43.2	43.2	43.2	40.6	38.2	35.9	33.7	31.7	29.8	28.3	27.2	26.6	26.1	25.6
		KW	2.50	2.73	2.92	3.13	3.26	3.20	3.17	3.13	3.12	3.08	3.06	3.03	3.11	3.27	3.42	3.57
	70	TC	33.6	33.6	33.6	33.6	33.6	33.6	33.6	30.4	28.6	26.7	24.9	24.0	23.4	22.8	22.4	21.9
		KW	1.92	2.07	2.24	2.41	2.62	2.80	3.04	2.93	2.90	2.82	2.75	2.74	2.84	2.92	3.04	3.12
	75	TC	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	28.5	27.1	25.2	23.9	23.2	22.7	22.3	21.8
		KW	1.69	1.82	1.93	2.07	2.24	2.41	2.62	2.83	2.98	2.99	2.90	2.84	2.91	3.00	3.10	3.18
	80	TC	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	23.9	22.9	22.5	22.0	21.6
		KW	1.48	1.57	1.68	1.79	1.91	2.04	2.21	2.37	2.55	2.72	2.90	2.95	2.99	3.08	3.16	3.22
1320	60	TC	43.7	43.7	43.7	43.7	43.7	41.1	38.6	36.3	34.1	32.1	30.2	28.6	27.5	27.0	26.4	25.9
		KW	2.42	2.65	2.83	3.02	3.15	3.09	3.11	3.08	3.07	3.03	3.00	2.98	3.06	3.21	3.36	3.50
	70	TC	34.0	34.0	34.0	34.0	34.0	34.0	34.0	30.8	28.9	27.1	25.2	24.3	23.7	23.1	22.7	22.2
		KW	1.85	2.00	2.16	2.33	2.54	2.71	2.99	2.88	2.84	2.77	2.70	2.70	2.79	2.88	2.99	3.07
	75	TC	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	28.8	27.4	25.5	24.2	23.5	23.0	22.5	22.1
		KW	1.64	1.76	1.87	2.01	2.17	2.33	2.58	2.78	2.93	2.94	2.85	2.79	2.86	2.95	3.04	3.12
	80	TC	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.2	23.2	22.8	22.3	21.9
		KW	1.43	1.52	1.63	1.73	1.85	1.98	2.17	2.33	2.51	2.68	2.84	2.90	2.94	3.02	3.10	3.17

Table 2-6.11: MOVB-48HDN1-M18M + MVME48B2MN1TB heating capacity

48 AHU + 4860 HP																		
Airflow	ID	OD	72	67	62	57	52	47	42	37	32	27	22	17	12	7	2	-3
1360	60	TC	59.1	59.1	59.1	59.1	59.1	55.6	52.3	49.1	46.2	43.4	40.8	38.8	37.2	36.1	35.4	35.0
		KW	3.34	3.58	3.84	4.25	4.69	4.56	4.47	4.39	4.32	4.23	4.13	4.00	3.86	3.58	3.48	3.41
	70	TC	46.0	46.0	46.0	46.0	46.0	46.0	46.0	42.0	39.8	37.6	35.4	34.6	34.3	33.9	34.1	34.1
		KW	2.63	2.78	3.00	3.23	3.51	3.80	4.20	4.20	4.14	4.06	3.94	3.91	3.85	3.59	3.59	3.56
	75	TC	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	38.8	36.9	34.3	32.6	31.6	31.3	31.0	31.3
		KW	2.31	2.44	2.59	2.75	2.97	3.21	3.50	3.80	4.04	4.10	4.02	3.86	3.71	3.45	3.38	3.38
	80	TC	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	32.4	31.1	30.8	30.6	30.9
		KW	2.00	2.11	2.23	2.37	2.53	2.73	2.96	3.24	3.54	3.80	3.95	3.92	3.74	3.41	3.36	3.36
1560	60	TC	59.8	59.8	59.8	59.8	59.8	56.2	52.8	49.7	46.7	43.9	41.2	39.2	37.6	36.5	35.8	35.4
		KW	3.32	3.57	3.83	4.23	4.67	4.54	4.44	4.36	4.28	4.18	4.07	3.95	3.80	3.53	3.43	3.36
	70	TC	46.5	46.5	46.5	46.5	46.5	46.5	46.5	42.4	40.2	38.0	35.8	35.0	34.7	34.4	34.6	34.6
		KW	2.62	2.77	2.98	3.22	3.50	3.78	4.17	4.17	4.10	4.01	3.89	3.85	3.79	3.54	3.54	3.51
	75	TC	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	39.2	37.3	34.7	32.9	31.9	31.6	31.3	31.6
		KW	2.30	2.43	2.57	2.74	2.96	3.19	3.48	3.77	4.01	4.05	3.97	3.81	3.65	3.40	3.33	3.33
	80	TC	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	32.7	31.4	31.1	31.0	31.3
		KW	2.00	2.10	2.22	2.36	2.52	2.72	2.95	3.22	3.51	3.76	3.90	3.87	3.69	3.36	3.31	3.31
1760	60	TC	60.8	60.8	60.8	60.8	60.8	57.2	53.7	50.5	47.5	44.6	42.0	39.9	38.3	37.1	36.4	36.0
		KW	3.23	3.47	3.72	4.12	4.54	4.41	4.33	4.25	4.18	4.10	4.00	3.88	3.74	3.47	3.37	3.30
	70	TC	47.3	47.3	47.3	47.3	47.3	47.3	47.3	43.1	40.9	38.6	36.3	35.5	35.1	34.8	35.0	34.9
		KW	2.55	2.69	2.90	3.13	3.40	3.68	4.06	4.06	4.01	3.93	3.81	3.78	3.71	3.46	3.46	3.43
	75	TC	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	39.9	37.9	35.3	33.5	32.5	32.2	31.9	32.2
		KW	2.23	2.36	2.50	2.66	2.88	3.11	3.39	3.68	3.92	3.97	3.89	3.74	3.59	3.34	3.27	3.27
	80	TC	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	33.3	32.0	31.7	31.5	31.8
		KW	1.94	2.04	2.16	2.30	2.45	2.64	2.87	3.14	3.43	3.68	3.82	3.80	3.62	3.30	3.25	3.25

Table 2-6.12: MOVB-60HDN1-M18M + MVME60B2MN1TB heating capacity

60 AHU + 4860 HP																		
Airflow	ID	OD	72	67	62	57	52	47	42	37	32	27	22	17	12	7	2	-3
1500	60	TC	69.7	69.7	69.7	69.7	65.5	61.6	57.9	54.4	51.1	48.1	45.2	42.9	41.2	40.0	39.2	38.8
		KW	4.24	4.58	5.02	5.47	5.30	5.15	5.05	4.95	4.86	4.77	4.68	4.59	4.57	4.53	4.43	4.20
	70	TC	54.2	54.2	54.2	54.2	54.2	54.2	54.2	49.2	46.4	43.6	40.7	39.5	38.8	38.0	37.7	37.2
		KW	3.18	3.41	3.65	3.94	4.34	4.71	5.13	4.96	4.86	4.73	4.61	4.57	4.61	4.56	4.46	4.15
	75	TC	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	47.9	45.6	42.4	40.2	39.0	38.6	38.3	38.6
		KW	2.91	3.07	3.27	3.52	3.81	4.16	4.51	4.90	5.18	5.21	5.01	4.87	4.83	4.81	4.66	4.41
	80	TC	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	38.2	36.6	36.3	36.1	36.5
		KW	2.39	2.52	2.67	2.86	3.08	3.27	3.57	3.90	4.18	4.42	4.65	4.72	4.74	4.70	4.55	4.28
1700	60	TC	70.7	70.7	70.7	70.7	66.5	62.5	58.7	55.2	51.9	48.8	45.9	43.6	41.8	40.6	39.8	39.4
		KW	4.22	4.55	4.99	5.44	5.27	5.13	5.02	4.92	4.83	4.74	4.66	4.57	4.55	4.51	4.40	4.17
	70	TC	55.0	55.0	55.0	55.0	55.0	55.0	55.0	49.9	47.0	44.2	41.3	40.0	39.2	38.4	38.1	37.5
		KW	3.16	3.39	3.63	3.92	4.31	4.69	5.10	4.93	4.83	4.70	4.58	4.54	4.57	4.52	4.42	4.10
	75	TC	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	46.4	44.1	41.0	39.0	37.8	37.4	37.0	37.4
		KW	2.76	2.91	3.11	3.34	3.61	3.95	4.28	4.65	4.91	4.94	4.75	4.62	4.58	4.56	4.42	4.18
	80	TC	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	38.7	37.2	36.8	36.6	37.0
		KW	2.37	2.51	2.65	2.84	3.06	3.25	3.55	3.88	4.15	4.40	4.62	4.69	4.71	4.67	4.52	4.25
1900	60	TC	72.0	72.0	72.0	72.0	67.7	63.6	59.8	56.2	52.8	49.7	46.7	44.4	42.6	41.3	40.5	40.1
		KW	4.25	4.59	5.03	5.48	5.31	5.16	5.05	4.95	4.86	4.77	4.69	4.60	4.58	4.54	4.43	4.20
	70	TC	56.0	56.0	56.0	56.0	56.0	56.0	56.0	50.8	47.8	44.8	41.9	40.5	39.6	38.8	38.4	37.7
		KW	3.18	3.41	3.66	3.95	4.34	4.72	5.13	4.96	4.85	4.72	4.59	4.55	4.57	4.51	4.40	4.07
	75	TC	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	55.0	52.2	48.6	46.1	44.8	44.3	43.9	44.3
		KW	3.23	3.41	3.64	3.91	4.23	4.62	5.01	5.45	5.75	5.79	5.57	5.41	5.37	5.35	5.18	4.90
	80	TC	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	39.4	37.9	37.5	37.3	37.7
		KW	2.39	2.52	2.67	2.86	3.08	3.27	3.58	3.91	4.18	4.43	4.66	4.73	4.75	4.71	4.55	4.28

7. Accessories

7.1 Standard Accessories

Table 2-7.1: Standard accessories

Items	Quantity
Installation manual	1
Fasten belt	1

7.2 Optional Accessories

Table 2-7.2: Optional accessories

Items	Accessories
a	Filter drier

1 Thermostat

1.1 Control wiring

Figure 4-3.1: 3H and 2C type

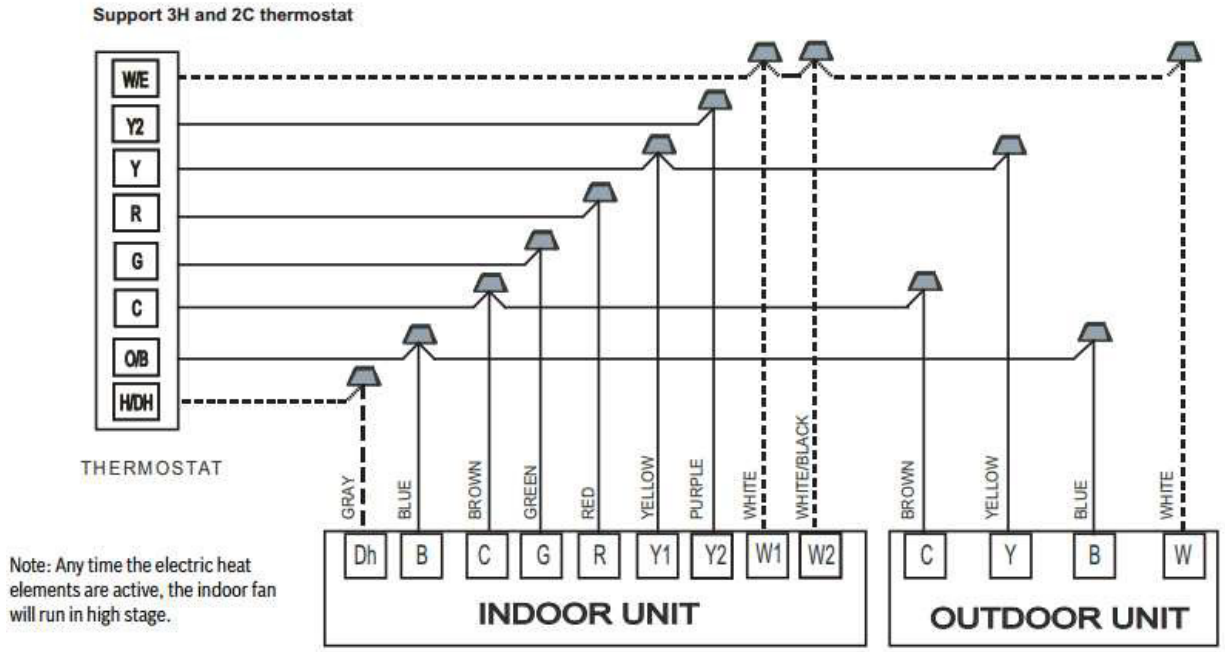


Figure 4-3.2: 4H and 2C type

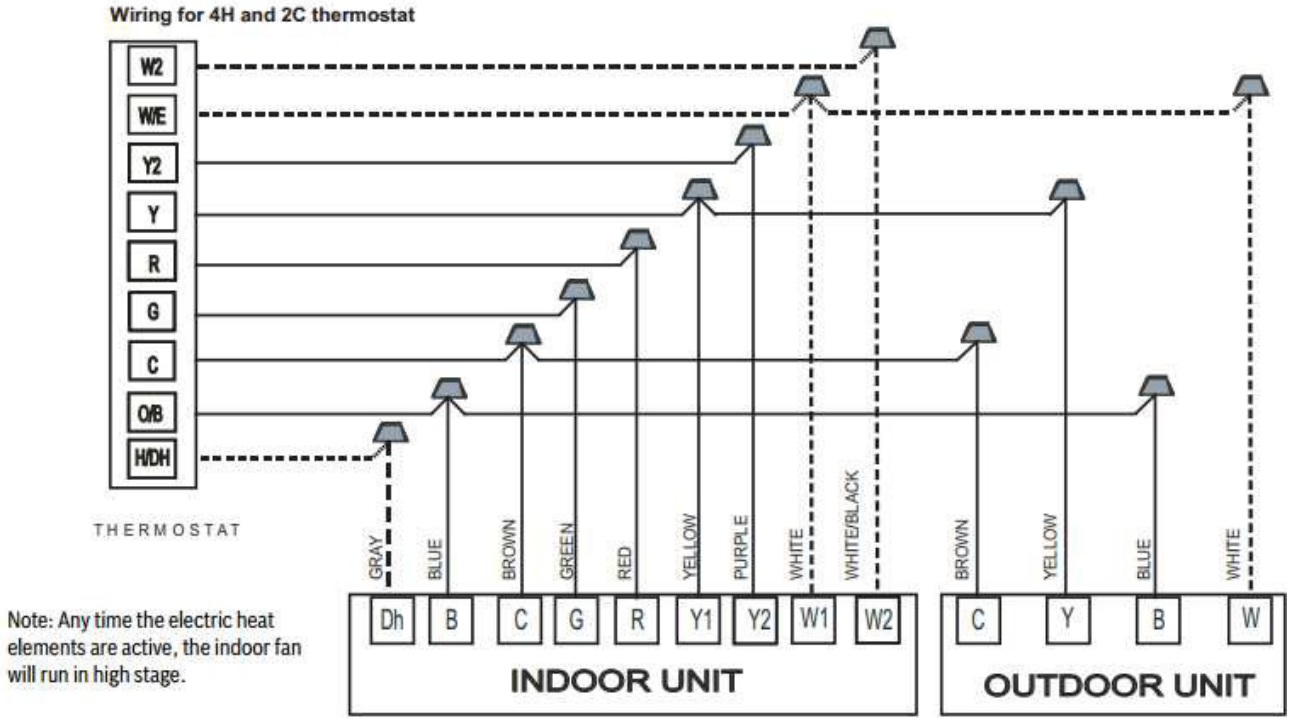


Figure 4-3.3: 3H and 1C type

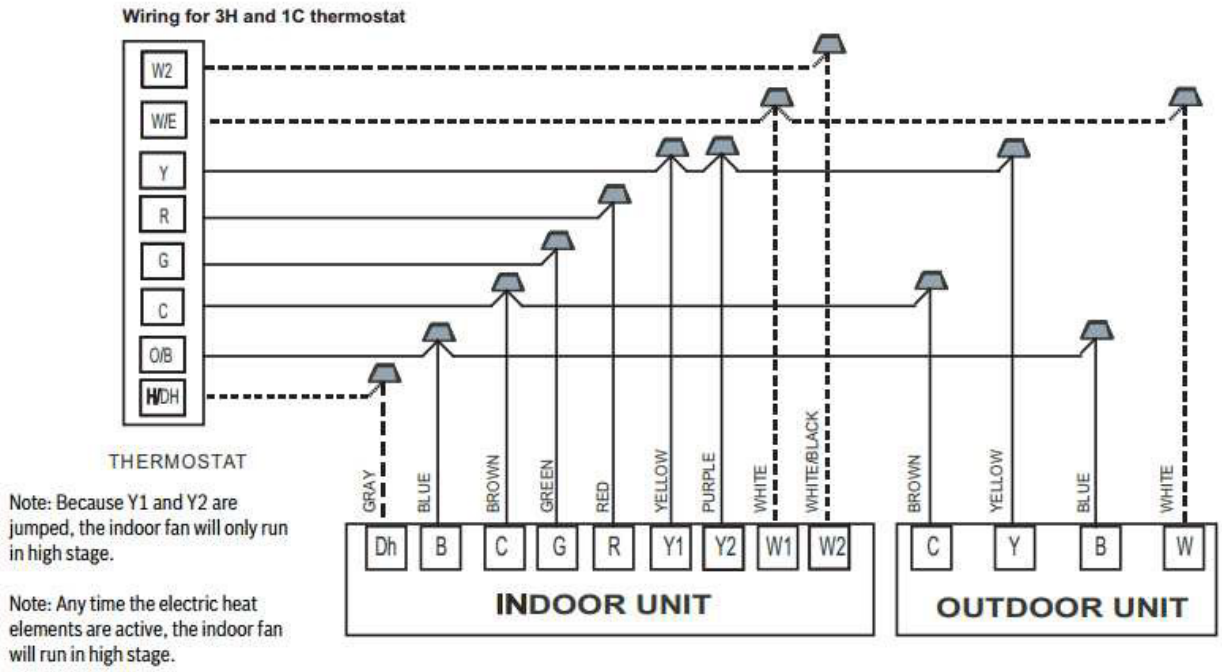


Figure 4-3.4: 2H and 2C type

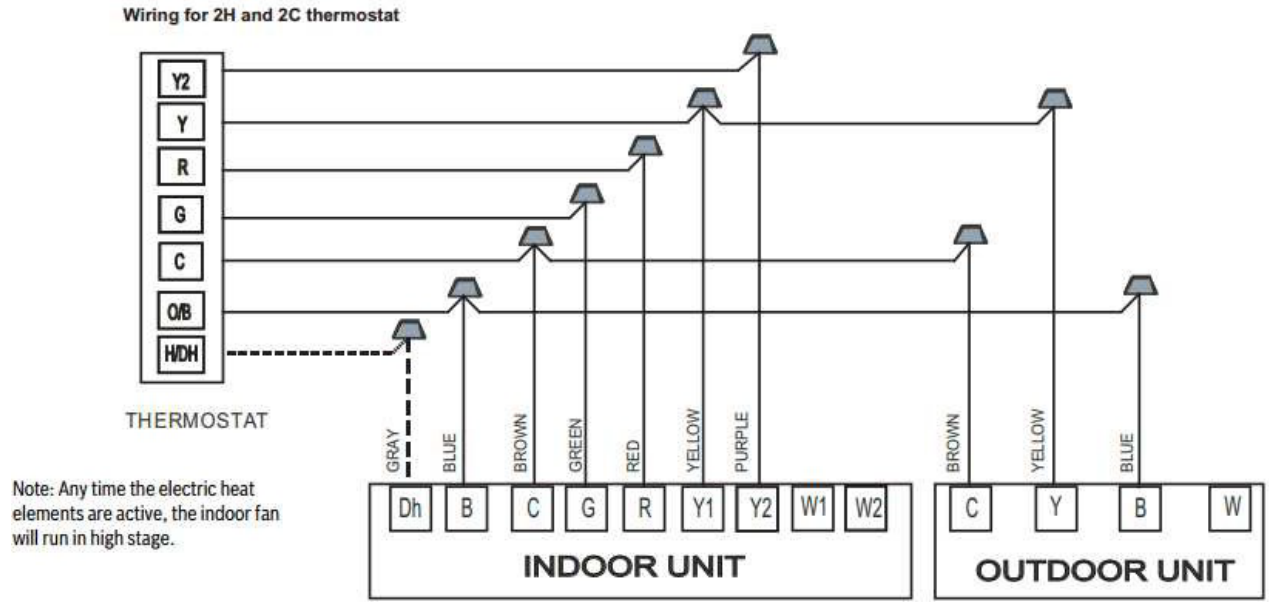


Figure 4-3.5: 2H and 1C type

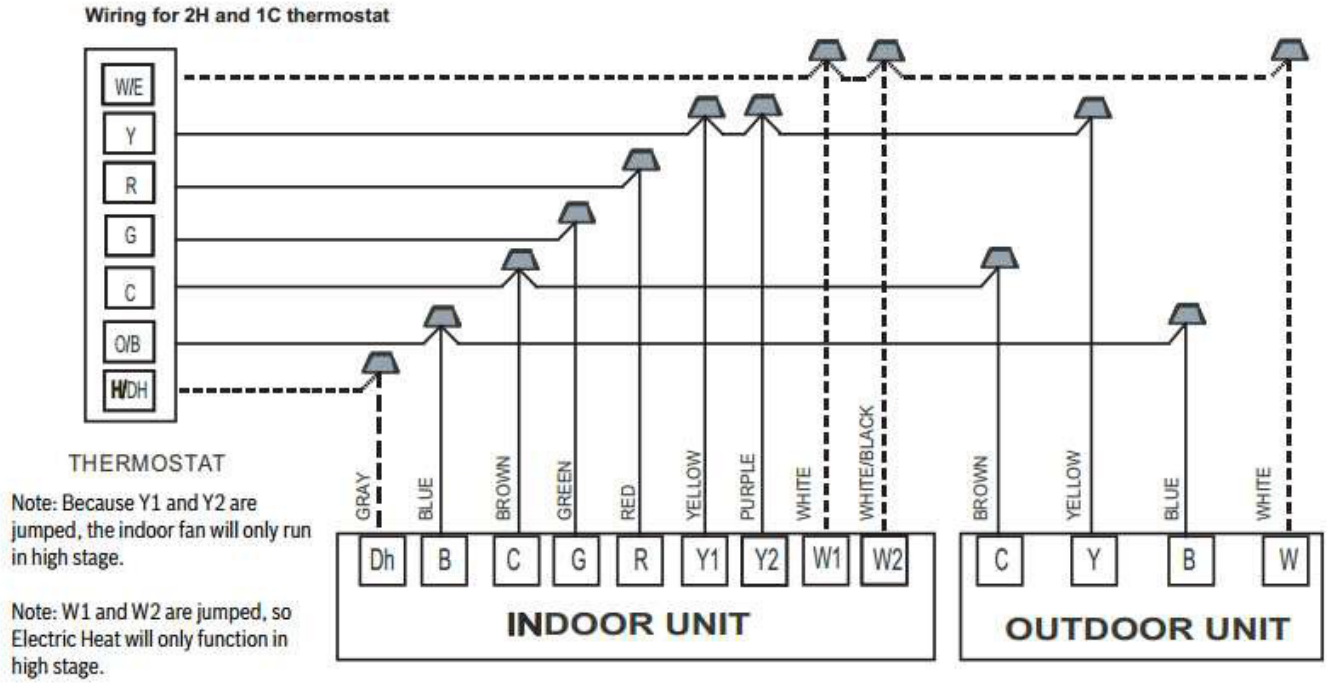
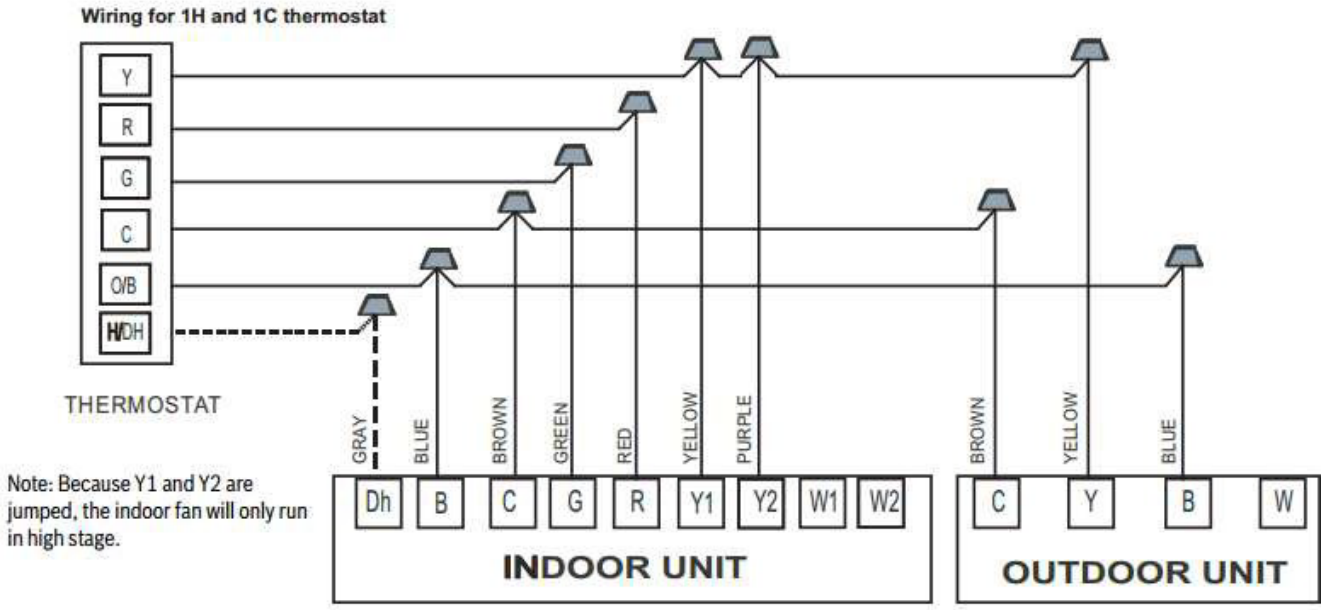
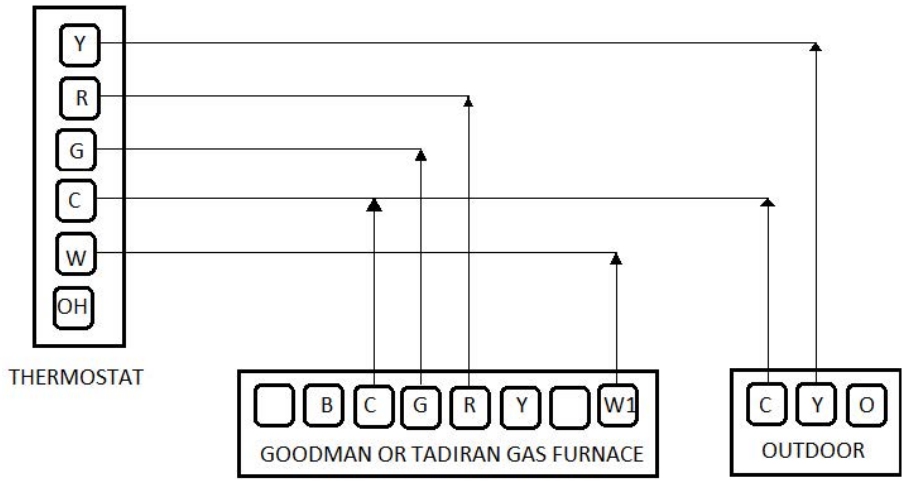


Figure 4-3.4: 1H and 1C type



A-Coil Gas Furnace



The A Coil (Goodman or Tadiran) expansion must be removed

The O.U. work in Cooling Only