



# Product Catalogue

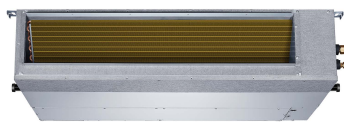


**INVERTER**



## Ducted-Split Inverter System Concealed Unit

1.5~5 RT, Tropical T3  
60Hz



Aug 2022

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# Model Reference

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## 1. Model Reference

Refer to the following table to determine the specific indoor and outdoor unit model number of your purchased equipment.

Note: Check you are using the right power supply for your model. Power Supply Intake :  
Outdoor Units

Indoor Unit Model		Outdoor Unit Model	Capacity (Btu/h)	Power Supply
Ducted	4MXDUA18TB000AC	4TXKUA18TB000DC	18k	1Ph, 230V~, 50/60Hz
Cassette	4MXCUA18TB000AC			
Ducted	4MXDUA24TB000AC	4TXKUA24TB000DC	24k	
Cassette	4MXCUA24TB000AC			
Ducted	4MXDUA36TB000AC	4TXKUA36TB000DC	36k	
Cassette	4MXCUA36TB000AC			
High Static Pressure Duct	4MXDUA48TB000AC	4TXKUA48TB000DC	48k	
	4MXDUA60TB000AC	4TXKUA60TB000DC	55k	

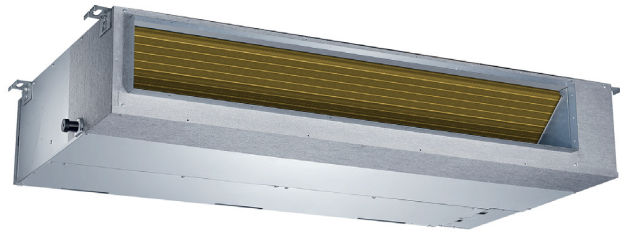
# External Appearance

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## 2. External Appearance

### 2.1 Indoor Unit

Duct - 1.5 to 3 Tons



High-Static Pressure Duct-  
4 to 5 tons



New Four-Way Cassette



# External Appearance

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## 2.2 Outdoor Unit

Single Fan Outdoor Unit-  
1.5 to 3 Tons



Double Fan Outdoor Unit-  
4 to 5 Tons



# Specifications

DUCTED					
Trane Indoor Model			4MXDUA18TB000AC	4MXDUA24TB000AC	4MXDUA36TB000AC
Trane Indoor Model			4TXKUA18TB000DC	4TXKUA24TB000DC	4TXKUA36TB000DC
Power supply		V,Hz,Ph	230V,1Ph, 60Hz	230V,1Ph, 60Hz	230V,1Ph, 60Hz
Cooling (T1)	Maximum Capacity	Btu/h	29200	39400	41000
	Normal Capacity	Btu/h	18000	23700	30400
	Input	W	1440	1881	2450
	Current	A	6.45	8.24	15.70
	EER	Btu/h/W	12.50	12.60	12.40
Cooling (T3)	Capacity	Btu/h	14400	18900	26400
	Input	W	1674.0	2148	2983
	Current	A	7.5	13.23	18.30
	EER	Btu/h/W	8.60	8.80	8.85
Heating	Capacity	W	5900	7800	9600
	Input	W	1532	2108	2400
	Current	A	6.73	9.35	11.00
	COP	W/W	3.85	3.70	4.00
Indoor fan motor	Type		DC	DC	DC
	Qty		1	1	1
	Input	W	176	176	420
	Output	W	160	160	300
	Speed(Hi/Med/Lo)	r/min	1370/1240/1090	940/870/760	930/840/770
Indoor coil	Number of rows		4.0	3	4
	Tube pitch(a)*row pitch(b)	mm	21x13.37	21x13.37	21x13.37
	Fin spacing	mm	1.4	1.4	1.5
	Fin type		Hydrophilic aluminum	Hydrophilic aluminium	Hydrophilic aluminium
	Tube outside dia.and type	mm	Φ7,Inner groove tube	Φ7,innergroove tube	Φ7,innergroove tube
	Coil length h×height ×width	mm	695x252x53.48	915x294x40.11	1030x378x53.48
	Number of circuits		6	7	8
Indoor air flow (Hi/Med/Lo) (under rated ESP)		m <sup>3</sup> /h	973/805/632	1365/1100/880	2250/1880/1360
ESP	Rated	Pa	25	25	37
	Range	Pa	0-80	0-100	0-120
Indoor noise level (H/Med/Lo) (under rated ESP)		dB(A)	43.5/39/34	40/38/36	49/46/43
Indoor unit	Dimension (WxDxH)	mm	880x674x210	1100x774x249	1200x874x300
	Packing(WxDxH)	mm	1070x725x280	1305x805x305	1405x915x365
	Net/Gross weight	kg	25.8/31	32.6/39.9	44.5/52.7
Compressor	Type		ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	HIGHLY
	Capacity	Btu/h	14245	24345	29377
	Input	W	1085	1970	2660
	Rated current (RLA)	A	7.6	9.0	9.5
	Thermal protector position			INTERNAL	INTERNAL
	Refrigerant oil	ml	VG75-440	RB75EA /670	RMM68EA or equivalent /1050
Outdoor fan motor	Type		DC	DC	DC
	Qty		1	1	1
	Input	W	88	150	150
	Output	W	80	120	120
	Speed	r/min	800/700/550	810/700/450	950/850/750
Outdoor coil	Number of rows		2.6	2.6	3
	Tube pitch(a)* row pitch(b)	mm	21x13.37	21x13.37	21x13.37
	Fin spacing	mm	1.3	1.4	1.4
	Fin type		Hydrophilic aluminum	Hydrophilic aluminium	Hydrophilic aluminium
	Tube outside dia.and type	mm	Φ7,Inner groove tube	Φ7,innergroove tube	Φ7,innergroove tube
	Coil length * height * width	mm	900x609x26.74+540x609x13.37	1005x756x26.74+598x756x13.37	1000x756x40.11
	Number of circuits		6	6	6
Outdoor noise level (sound pressure)		dB(A)	58.5	58	63
Throttle type			EXV+Throttle valve	EEV	EEV
Outdoor unit	Dimension(WxDxH)	mm	890x342x673	946x410x810	946x410x810
	Packing(WxDxH)	mm	995x435x750	1090x500x875	1090x500x875
	Net/Gross weight	kg	41/44.3	58.6/63.2	66.0/70.9
Refrigerant type/Quantity	Type		R410A	R410A	R410A
	Charged volume	kg	1.6	2.2	3.2
Design pressure		MPa	4.8/1.5	4.8/1.5	4.8/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inc h)	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ19(3/8"/3/4")
	Max. pipe length	m	25	25	30
	Max. difference in level	m	15	15	20
Drainage water pipe diameter		mm	ODΦ25	ODΦ25	ODΦ25
Refrigerant piping	Liquid side/ Gas side	mm	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ19(3/8"/3/4")
Controller			Wired control	Wired control	Wired control
Indoor Operation temperature		℃	17~30	17~30	17~30
Room temperature	Cooling	℃	17~32	17~32	17~32
	Heating	℃	0~30	0~30	0~30
Ambient temperature	Cooling	℃	0~52	0~52	0~52
	Heating	℃	-15~24	-15~24	-15~24
Qty'per 20' /40' /40'HQ		Indoor	120/264/297	77/161/184	62/130/149
Qty'per 20' /40' /40'HQ		Outdoor unit	93/189/189	44/96/138	44/96/138

Remarks:1.The above design and specifications are subject to change without prior notice for product improvement.

# Specifications

			<b>DUCTED</b>	
Trane Indoor Model			4MXDUA48TB000AC	4MXDUA60TB000AC
Trane Indoor Model			4TXKUA48TB000DC	4TXKUA60TB000DC
Power supply		V,Hz,Ph	230V,1Ph. 60Hz	
Cooling (T1)	Maximum Capacity	Btu/h	57400	62000
	Normal Capacity	Btu/h	42200	49000
	Input	W	3430	3983
	Current	A	15.20	17.77
	EER	Btu/h/W	12.30	12.30
Cooling (T3)	Capacity	Btu/h	37800	42400
	Input	W	4344	4930
	Current	A	19.12	21.84
	EER	Btu/h/W	8.70	8.60
Heating	Capacity	W	16900	17600
	Input	W	4694	4694
	Current	A	20.88	20.88
	COP	W/W	3.60	3.75
Indoor fan motor	Type		DC	DC
	Qty		1	1
	Input	W	560	560
	Output	W	560	560
	Speed(Hi/Med/Lo)	r/min	1020/800/600	990/910/840
Indoor coil	Number of rows		4	4
	Tube pitch(a)*row pitch(b)	mm	25.4x22	25.4x22
	Fin spacing	mm	1.5	1.5
	Fin type		Hydrophilic aluminum	Hydrophilic aluminum
	Tube outside dia.and type	mm	Φ9.52,Inner groove tube	Φ9.52,Inner groove tube
	Coil length h*height*width	mm	1055x356x88	1195x457x88
	Number of circuits		7	9
Indoor air flow (Hi/Med/Lo) (under rated ESP)		m³/h	2630/2050/1450	3000/2450/1900
ESP	Rated	Pa	50	50
	Range	Pa	0-160	0-160
Indoor noise level (H/Med/Lo) (under rated ESP)		dB(A)	51/48/44	51/48/44
Indoor unit	Dimension (WxDxH)	mm	1200x625x380	1400x858x440
	Packing(WxDxH)	mm	1485x675x460	1605x910x515
	Net/Gross weight	kg	56.8/65.6	75.3/86.6
Compressor	Type		ROTARY	ROTARY
	Brand		GMCC	GMCC
	Capacity	Btu/h	44220	44220
	Input	W	3485	3485
	Rated current (RLA)	A	7.0	7.0
	Thermal protector position		INTERNAL	INTERNAL
	Refrigerant oil	ml	VG74/1500	VG74/1500
Outdoor fan motor	Type		DC	DC
	Qty		1+1	1+1
	Input	W	126	126
	Output	W	85	85
	Speed	r/min	850/750/650	850/750/650
Outdoor coil	Number of rows		3	3
	Tube pitch(a)* row pitch(b)	mm	21x13.37	21x13.37
	Fin spacing	mm	1.3	1.4
	Fin type		Hydrophilic aluminium	Hydrophilic aluminium
	Tube outside dia.and type	mm	Φ7,innergroove tube	Φ7,innergroove tube
	Coil length h * height * width	mm	985x1260x40.11	985x1260x40.11
	Number of circuits		14	14
Outdoor noise level (sound pressure)		dB(A)	64	64
Throttle type			EEV	EEV
Outdoor unit	Dimension(WxDxH)	mm	952x415x1333	952x415x1333
	Packing(WxDxH)	mm	1095x495x1480	1095x495x1480
	Net/Gross weight	kg	99.3/112.2	99.9/112.8
Refrigerant type/Quantity	Type		R410A	R410A
	Charged volume	kg	4.4	4.6
Design pressure		MPa	4.8/1.5	4.8/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ22(3/8"/7/8")
	Max. pipe length	m	50	50
	Max. difference in level	m	30	30
Drainage water pipe diameter		mm	ODΦ25	ODΦ25
Refrigerant piping		Liquid side/ Gas side	mm	Φ9.52/Φ22(3/8"/7/8")
Controller			Wired control	Wired control
Indoor Operation temperature		°C	17~30	17~30
Room temperature	Cooling	°C	17~32	17~32
	Heating	°C	0~30	0~30
Ambient temperature	Cooling	°C	0~52	0~52
	Heating	°C	-15~24	-15~24
Qty'per 20' /40' /40'HQ		Indoor	59/124/125	35/72/86
Qty'per 20' /40' /40'HQ		Outdoor unit	22/48/48	22/48/48

Remarks:1.The above design and specifications are subject to change without prior notice for product improvement.



# Specifications

Customer Model		INVERTER CASSETTE			
		4MXCUA18TB000AC 4TXKUA18TB000DC	4MXCUA24TB000AC 4TXKUA24TB000DC	4MXCUA36TB000AC 4TXKUA36TB000DE	
Power supply	V-ph-Hz	230V, 1Ph, 60Hz	220-240V, 1Ph, 50/60Hz	230V, 1Ph, 60Hz	
SEER		13.3	13.8	13.3	
Energy class		C	C	C	
Cooling(T1)	Capacity	Btu/h	18200	21600	35800
	Input	W	1433	1735	2864
	Current	A	6.55	7.55	12.7
	EER	W/W	3.72	3.65	3.66
Cooling(T3)	Capacity	Btu/h	15700	18900	30800
	Input	W	1754	2216	3420
	Rated current	A	7.8	9.60	15.30
	EER	W/W	2.623	2.500	2.639
Heating	Capacity	Btu/h	18123	24600	47085
	Input	W	1415	1800	4182
	Current	A	6.2	7.70	/
	COP	W/W	3.75	4.01	3.30
Indoor fan motor	Qty		1	1	1
	Input	W	157	157	274.0
	Capacitor	uF	0	/	/
	Speed(Hi/Mi/Lo)	r/min	SH/H/M/L/SI;552/502/453/403/304	600/550/500	850/800/750/700/650
Indoor coil	a.Number of rows		2	2	3
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.3	1.3	1.4
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube
	f.Coil length x height x width	mm	2135*26.74*210	2135x210x26.74	1125x252x40.11+1125x252x40.11
	g.Number of circuits		5	5	10
Indoor air flow (Hi/Mi/Lo)	m <sup>3</sup> /h	1227/1100/946	1493/1343/1213	2300/2100/1900	
Indoor noise level (Hi/Mi/Lo)	dB(A)	43.5/41.5/38	47.5/45/43	56.5/54.5/52.5	
Indoor unit	Dimension(W*D*H)(body)	mm	830x830x245	830x830x245	910x910x287
	Dimension (W x Dx H)(panel)	mm	950x950x55	950x950x55	1020x1020x50
	Packing (W*D*H)(body)	mm	910x910x290	910x910x290	1015x1015x322
	Packing (W x Dx H)(panel)	mm	1035x1035x90	1035x1035x90	1115x1115x107
	Net/Gross weight(body)	kg	24.3/28.9	24.5/29.2	34.7/41.2
	Net/Gross weight(panel)	kg	6/9	6/9	5.8/9.5
Drainage water pipe dia		mm	ODΦ25mm	ODΦ25mm	ODΦ32mm
Compressor	Type		ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC
	Capacity	W	4175	7135	12960
	Input	W	1085	1970	3485
	Rated current(RLA)	A	7.6	9	7
	Thermal protector position		NA	NA	NA
	Refrigerant oil/oil charge	ml	VG75-440	RB75EA /670	VG74/1500
Outdoor fan motor	Input	W	/	150.0	126.0
	Capacitor	uF	/	/	/
	Speed	r/min	800/700/550	810/700/450	850/750/650
Outdoor coil	a.Number of rows		2.6	2.6	3
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.3	1.4	1.3
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube
	f.Coil length x height x width	mm	910*40.11*609	1005x756x26.74+598x756x13.37	985x1260x40.11
	g.Number of circuits		6	6	14
Outdoor noise level	dB(A)	56	59	65.5	
Outdoor unit	Throttle type	/	EXV+Throttle valve	EXV	EXV+Capillary
	Dimension(W*D*H)	mm	890x342x673	946x410x810	952x415x1333
	Packing (W*D*H)	mm	995x398x740	1090x500x885	1095x495x1480
	Net/Gross weight	kg	41/44.3	58.6/63.2	99.3/112.2
Refrigerant type	kg	R410A/1.6	R410A/2.2	R410A/4.4	
Design pressure	MPa	4.8/1.5	4.8/1.5	4.8/1.5	
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/19mm(3/4in)
	Max. refrigerant pipe length	m	25	25	50
	Max. difference in level	m	15	15	30
Thermostat type			Remote Control	Remote Control	Remote Control
Operation temperature	℃		17~30	17~30	17~30
Room temperature	Indoor(cooling/ heating)	℃	16~32/0~30	16~32/0~30	17~32/0~30
	Outdoor(cooling/heating)	℃	0~52/-15~24	0~52/-15~24	0~52/-15~24
Qty'per 20' /40' /40'HQ	Indoor		96/208/234	96/208/234	70/154/176
Qty'per 20' /40' /40'HQ	Outdoor		99/198/198	44/96/138	22/48/48

# Capacity Tables

## 7. Capacity Tables

### 7.1 Cooling

4MXDUA18TB000AC, 4TXKUA18TB000DC

INDOOR AIR FLOW (CMF)	OUTDOOR DB (°F)	ID WB1 (°F) ID DB (°F)	Capacity (BTU/hr)															
			60.8				64.4				66.2				71.6			
			73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2
372	5	TC	18.75	18.76	18.76	18.97	19.73	20.14	20.14	20.14	20.25	20.25	20.25	20.25	21.41	21.41	21.41	21.41
		S/T	0.69	0.76	0.84	0.92	0.56	0.63	0.70	0.77	0.49	0.57	0.64	0.70	0.36	0.42	0.49	0.55
		PI	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
	14	TC	18.64	18.65	18.65	18.86	19.62	20.03	20.03	20.03	20.15	20.15	20.15	20.15	21.34	21.34	21.34	21.34
		S/T	0.69	0.77	0.84	0.92	0.56	0.63	0.71	0.78	0.49	0.57	0.64	0.71	0.36	0.43	0.49	0.55
		PI	0.95	0.95	0.95	0.95	0.96	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
	23	TC	18.53	18.54	18.54	18.74	19.54	19.95	19.95	19.95	20.07	20.07	20.07	20.07	21.29	21.29	21.29	21.29
		S/T	0.69	0.77	0.85	0.93	0.57	0.63	0.71	0.78	0.50	0.58	0.64	0.71	0.36	0.43	0.50	0.56
		PI	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
	32	TC	18.44	18.45	18.45	18.65	19.47	19.88	19.88	19.88	20.02	20.02	20.02	20.02	21.27	21.27	21.27	21.27
		S/T	0.70	0.77	0.85	0.93	0.57	0.64	0.72	0.78	0.50	0.58	0.65	0.72	0.36	0.43	0.50	0.56
		PI	0.96	0.95	0.95	0.96	0.96	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.95	0.96	0.96	0.96
	41	TC	18.35	18.36	18.36	18.56	19.39	19.80	19.80	19.80	19.95	19.95	19.95	19.95	21.25	21.25	21.25	21.25
		S/T	0.70	0.78	0.86	0.94	0.57	0.64	0.72	0.79	0.50	0.58	0.65	0.72	0.36	0.43	0.50	0.56
		PI	0.96	0.96	0.96	0.96	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
	50	TC	18.24	18.25	18.25	18.45	19.30	19.71	19.71	19.71	19.87	19.87	19.87	19.87	21.20	21.20	21.20	21.20
		S/T	0.70	0.78	0.86	0.94	0.57	0.64	0.72	0.79	0.50	0.58	0.65	0.72	0.37	0.44	0.50	0.56
		PI	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.98	0.98	0.98	0.98
	59	TC	18.09	18.10	18.10	18.30	19.17	19.58	19.58	19.58	19.75	19.75	19.75	19.75	21.11	21.11	21.11	21.11
		S/T	0.71	0.79	0.87	0.95	0.58	0.65	0.73	0.80	0.51	0.59	0.66	0.73	0.37	0.44	0.51	0.57
		PI	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	68	TC	17.88	17.89	17.89	18.09	18.97	18.97	18.97	18.97	19.56	19.56	19.56	19.56	20.92	20.92	20.92	20.92
		S/T	0.71	0.79	0.87	0.95	0.58	0.65	0.73	0.80	0.51	0.59	0.66	0.73	0.37	0.44	0.51	0.57
		PI	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
77	TC	17.01	17.01	17.21	17.40	18.09	18.09	18.09	18.09	18.68	18.68	18.68	18.68	20.04	20.04	20.04	20.04	
	S/T	0.72	0.80	0.88	0.96	0.58	0.66	0.74	0.82	0.51	0.59	0.67	0.74	0.36	0.44	0.51	0.58	
	PI	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	
86	TC	16.23	16.23	16.43	16.62	17.31	17.31	17.31	17.31	17.80	17.80	17.80	17.80	19.16	19.16	19.16	19.16	
	S/T	0.73	0.81	0.90	0.98	0.58	0.66	0.75	0.83	0.51	0.60	0.68	0.76	0.36	0.44	0.51	0.59	
	PI	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.26	1.26	1.26	1.26	
95	TC	15.45	15.45	15.64	15.84	16.43	16.43	16.43	16.43	16.92	16.92	16.92	17.21	16.92	18.28	18.28	18.28	
	S/T	0.74	0.83	0.92	1.00	0.59	0.67	0.76	0.85	0.52	0.60	0.68	0.77	0.36	0.44	0.51	0.59	
	PI	1.37	1.37	1.37	1.37	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.39	1.39	1.39	
104	TC	14.42	14.42	14.57	14.72	15.34	15.34	15.34	15.38	15.82	15.82	15.98	15.82	17.09	17.09	17.09	17.09	
	S/T	0.76	0.86	0.96	1.00	0.60	0.69	0.79	0.88	0.52	0.61	0.71	0.80	0.35	0.44	0.52	0.61	
	PI	1.51	1.51	1.51	1.51	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.53	1.53	1.53	1.53	
115	TC	13.36	13.36	13.46	13.55	14.23	14.23	14.23	14.33	14.72	14.72	14.72	14.72	15.88	15.88	15.88	15.88	
	S/T	0.77	0.87	0.98	1.00	0.60	0.70	0.80	0.90	0.52	0.62	0.72	0.82	0.35	0.44	0.53	0.62	
	PI	1.68	1.68	1.68	1.68	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.70	1.70	1.70	1.70	
122	TC	12.49	12.59	12.68	12.78	13.36	13.36	13.36	13.46	13.84	13.84	13.84	13.84	15.01	15.01	15.01	15.01	
	S/T	0.79	0.90	1.00	1.00	0.61	0.72	0.82	0.93	0.53	0.63	0.73	0.84	0.34	0.44	0.53	0.63	
	PI	1.82	1.82	1.82	1.82	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.85	1.85	1.85	1.85	
474	5	TC	19.18	19.18	19.39	19.59	20.14	20.14	20.14	20.66	20.66	20.66	20.66	21.92	21.92	21.92	21.92	
		S/T	0.72	0.82	0.98	1.00	0.57	0.67	0.75	0.85	0.50	0.59	0.68	0.77	0.34	0.42	0.50	0.59
		PI	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97
	14	TC	19.07	19.07	19.27	19.48	20.03	20.03	20.03	20.56	20.56	20.56	20.56	21.85	21.85	21.85	21.85	
		S/T	0.73	0.82	0.99	1.00	0.57	0.67	0.76	0.85	0.50	0.59	0.68	0.78	0.34	0.43	0.50	0.59
		PI	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97
	23	TC	18.96	18.96	19.16	19.36	19.95	19.95	19.95	20.48	20.48	20.48	20.48	21.79	21.79	21.79	21.79	
		S/T	0.73	0.83	0.99	1.00	0.58	0.67	0.76	0.86	0.51	0.59	0.68	0.78	0.34	0.43	0.51	0.59
		PI	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.98	0.98	0.98	0.98	0.98	0.97	0.97	0.97
	32	TC	18.86	18.86	19.06	19.27	19.88	19.88	19.88	20.43	20.43	20.43	20.43	21.78	21.78	21.78	21.78	
		S/T	0.74	0.83	1.00	1.00	0.58	0.68	0.76	0.86	0.51	0.60	0.69	0.78	0.34	0.43	0.51	0.60
		PI	0.97	0.97	0.97	0.97	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
	41	TC	18.77	18.77	18.97	19.17	19.80	19.80	19.80	20.36	20.36	20.36	20.36	21.76	21.76	21.76	21.76	
		S/T	0.74	0.84	1.00	1.00	0.58	0.68	0.77	0.87	0.51	0.60	0.69	0.79	0.34	0.43	0.51	0.60
		PI	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.99	0.99	0.99	0.99	0.98	0.98	0.98	0.98
	50	TC	18.65	18.65	18.85	19.05	19.71	19.71	19.71	20.28	20.28	20.28	20.28	21.70	21.70	21.70	21.70	
		S/T	0.74	0.84	1.00	1.00	0.58	0.68	0.77	0.87	0.51	0.60	0.69	0.79	0.35	0.44	0.51	0.60
		PI	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	59	TC	18.50	18.50	18.70	18.90	19.58	19.58	19.58	20.15	20.15	20.15	20.15	21.61	21.61	21.61	21.61	
		S/T	0.75	0.85	0.95	1.00	0.59	0.69	0.78	0.88	0.52	0.61	0.70	0.80	0.35	0.44	0.52	0.61
		PI	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
	68	TC	18.29	18.29	18.49	18.68	19.37	19.37	19.37	19.96	19.96	19.96	19.96	21.42	21.42	21.42	21.42	
		S/T	0.75	0.85	0.95	1.00	0.59	0.69	0.78	0.88	0.52	0.61	0.70	0.80	0.35	0.44	0.52	0.61
		PI	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.05	1.05	1.05	1.05
77	TC	17.41	17.41	17.61	17.80	18.49	18.49	18.49	18.68	19.08	19.08	19.08	19.08	20.54	20.54	20.54	20.54	
	S/T	0.76	0.87	0.97	1.00	0.60	0.70	0.80	0.89	0.52	0.62	0.72	0.81	0.35	0.44	0.53	0.62	
	PI	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	
86	TC	16.63	16.83	17.02	17.22	17.71	17.71	17.71	17.90	18.20	18.20	18.20	18.20	19.66	19.66	19.66	19.66	
	S/T	0.78	0.88	0.99	1.00	0.61	0.71	0.81	0.91	0.53	0.63	0.73	0.83	0.35	0.44	0.53	0.63	
	PI	1.28	1.28	1.28	1.													

# Capacity Tables

INDOOR AIR FLOW (CMF)	OUTDOOR DB (°F)	ID WB(°F) ID DB (°F)	60.8				64.4				66.2				71.6			
			73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2
			572	41	TC	19.17	19.37	19.57	19.77	20.30	20.30	20.30	20.50	20.86	20.86	20.86	20.86	22.25
S/T	0.79	0.90			1.00	1.00	0.61	0.72	0.83	1.00	0.52	0.63	0.74	0.85	0.33	0.43	0.53	0.63
PI	1.01	1.01			1.01	1.01	1.00	1.00	1.00	1.00	1.01	1.01	1.01	1.01	1.00	1.00	1.00	1.00
50	TC	19.05		19.25	19.45	19.65	20.21	20.21	20.21	20.41	20.77	20.77	20.77	20.77	22.20	22.20	22.20	22.20
	S/T	0.79		0.90	1.00	1.00	0.61	0.72	0.83	1.00	0.52	0.63	0.74	0.85	0.34	0.44	0.53	0.63
	PI	1.03		1.03	1.03	1.03	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
59	TC	18.90		19.10	19.29	19.49	20.07	20.07	20.07	20.27	20.65	20.65	20.65	20.65	22.10	22.10	22.10	22.10
	S/T	0.80		0.91	1.00	1.00	0.62	0.73	0.84	0.95	0.53	0.64	0.75	0.86	0.34	0.44	0.54	0.64
	PI	1.05		1.05	1.05	1.05	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
68	TC	18.68		18.88	19.08	19.27	19.86	19.86	19.86	20.05	20.45	20.45	20.45	20.45	21.91	21.91	21.91	21.91
	S/T	0.80		0.91	1.00	1.00	0.62	0.73	0.84	0.95	0.53	0.64	0.75	0.86	0.34	0.44	0.54	0.64
	PI	1.09		1.09	1.09	1.09	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.07	1.07	1.07	1.07
77	TC	17.80		18.00	18.20	18.39	18.98	18.98	18.98	19.17	19.57	19.57	19.57	19.57	21.03	21.03	21.03	21.03
	S/T	0.81		0.93	1.00	1.00	0.62	0.74	0.86	0.97	0.54	0.65	0.76	0.88	0.34	0.44	0.55	0.65
	PI	1.20		1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
86	TC	17.02		17.22	17.41	17.61	18.10	18.10	18.10	18.29	18.59	18.59	18.59	18.59	18.78	20.05	20.05	20.05
	S/T	0.83		0.95	1.00	1.00	0.63	0.75	0.88	0.99	0.54	0.66	0.78	0.90	0.33	0.45	0.56	0.67
	PI	1.30		1.30	1.30	1.30	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31
95	TC	16.14	16.34	16.53	16.73	17.22	17.22	17.41	17.61	17.71	17.71	18.00	18.20	19.08	19.08	19.08	19.08	
	S/T	0.85	0.98	1.00	1.00	0.64	0.77	0.89	1.00	0.55	0.67	0.79	0.91	0.33	0.45	0.56	0.68	
	PI	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.44	1.44	1.44	1.44	1.45	1.45	1.45	1.45	
104	TC	15.16	15.31	15.46	15.61	16.19	16.19	16.38	16.58	16.68	16.68	16.83	17.03	18.00	18.00	18.00	18.00	
	S/T	0.88	1.00	1.00	1.00	0.66	0.80	0.94	1.00	0.56	0.70	0.83	0.97	0.33	0.45	0.58	0.90	
	PI	1.58	1.58	1.58	1.58	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.61	1.61	1.61	
115	TC	14.04	14.14	14.24	14.33	15.02	15.02	15.21	15.41	15.50	15.50	15.50	15.50	16.77	16.77	16.77	16.77	
	S/T	0.90	1.00	1.00	1.00	0.67	0.82	0.96	1.00	0.56	0.71	0.85	0.99	0.32	0.46	0.59	0.92	
	PI	1.76	1.76	1.76	1.76	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.79	1.79	1.79	1.79	
122	TC	13.16	13.26	13.36	13.46	14.04	14.04	14.14	14.24	14.53	14.53	14.53	14.63	15.80	15.80	15.80	15.80	
	S/T	0.93	1.00	1.00	1.00	0.69	0.84	1.00	1.00	0.57	0.73	0.88	1.00	0.32	0.46	0.60	0.97	
	PI	1.91	1.91	1.91	1.91	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.94	1.94	1.94	1.94	

TC:Total Cooling Capacity (kBtu/h)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

**Note: The table shows the case where the operation frequency of a compressor is fixed.**

# Capacity Tables

## 4MXDUA24TB000AC, 4TXKUA24TB000DC

INDOOR AIR FLOW (CMF)	OUTDOOR DB (°F)	ID WB(°F) ID DB (°F)	60.8				64.4				66.2				71.6					
			73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2		
518	5	TC	24.75	24.74	24.95	25.15	26.03	26.58	26.58	26.89	26.66	26.66	26.66	26.66	26.66	26.35	26.35	26.35	26.35	
		S/T	0.70	0.77	0.86	0.94	0.56	0.64	0.71	0.79	0.49	0.57	0.65	0.72	0.35	0.42	0.49	0.56	0.56	
		PI	1.25	1.24	1.24	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.24	1.24	1.24	1.24	1.24
	14	TC	24.60	24.59	24.80	25.00	25.88	26.43	26.43	26.74	26.52	26.52	26.52	26.52	26.52	26.25	26.25	26.25	26.25	26.25
		S/T	0.70	0.78	0.86	0.94	0.56	0.64	0.72	0.80	0.49	0.57	0.65	0.73	0.35	0.43	0.49	0.56	0.56	
		PI	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24
	23	TC	24.46	24.45	24.55	24.55	25.79	26.33	26.33	26.63	26.43	26.43	26.43	26.43	26.43	26.18	26.18	26.18	26.18	26.18
		S/T	0.70	0.78	0.87	0.95	0.57	0.64	0.72	0.80	0.50	0.58	0.65	0.73	0.35	0.43	0.50	0.57	0.57	
		PI	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24
	32	TC	24.34	24.32	24.53	24.73	25.69	26.23	26.23	26.53	26.35	26.35	26.35	26.35	26.35	26.16	26.16	26.16	26.16	26.16
		S/T	0.71	0.78	0.87	0.95	0.57	0.65	0.73	0.80	0.50	0.58	0.66	0.74	0.35	0.43	0.50	0.57	0.57	
		PI	1.25	1.24	1.24	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
41	TC	24.21	24.20	24.40	24.60	25.59	26.13	26.13	26.43	26.27	26.27	26.27	26.27	26.27	26.13	26.13	26.13	26.13	26.13	
	S/T	0.71	0.79	0.88	0.96	0.57	0.65	0.73	0.81	0.50	0.58	0.66	0.74	0.35	0.43	0.50	0.57	0.57		
	PI	1.26	1.25	1.25	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	
50	TC	24.07	24.06	24.26	24.46	25.47	26.01	26.01	26.31	26.16	26.16	26.16	26.16	26.16	26.06	26.06	26.06	26.06	26.06	
	S/T	0.71	0.79	0.88	0.96	0.57	0.65	0.73	0.81	0.50	0.58	0.66	0.74	0.36	0.44	0.50	0.57	0.57		
	PI	1.28	1.27	1.27	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.27	1.27	1.27	1.27	1.27	
59	TC	23.87	23.86	24.06	24.26	25.30	25.83	25.83	26.13	26.00	26.00	26.00	26.00	26.00	25.94	25.94	25.94	25.94	25.94	
	S/T	0.72	0.80	0.89	0.97	0.58	0.66	0.74	0.82	0.51	0.59	0.67	0.75	0.36	0.44	0.51	0.58	0.58		
	PI	1.31	1.30	1.30	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.30	1.30	1.30	1.30	1.30	
68	TC	23.60	23.59	23.79	23.98	25.03	25.06	25.06	25.36	25.25	25.25	25.25	25.25	25.25	25.20	25.20	25.20	25.20	25.20	
	S/T	0.72	0.80	0.89	0.97	0.58	0.66	0.74	0.82	0.51	0.59	0.67	0.75	0.36	0.44	0.51	0.58	0.58		
	PI	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.34	1.34	1.34	1.34	1.34	
77	TC	22.51	22.51	22.71	22.91	23.89	23.89	23.89	24.67	24.67	24.67	24.67	24.67	24.67	24.63	24.63	24.63	24.63	24.63	
	S/T	0.73	0.82	0.90	0.99	0.58	0.67	0.75	0.83	0.52	0.60	0.68	0.76	0.36	0.44	0.51	0.59	0.59		
	PI	1.50	1.50	1.50	1.50	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.50	1.50	1.50	1.50	1.50	
86	TC	21.44	21.44	21.63	21.83	22.81	22.81	22.81	23.49	23.49	23.49	23.49	23.49	23.49	23.55	23.55	23.55	23.55	23.55	
	S/T	0.74	0.83	0.92	1.00	0.59	0.67	0.76	0.85	0.52	0.60	0.69	0.77	0.36	0.44	0.52	0.59	0.59		
	PI	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	
95	TC	20.36	20.36	20.56	20.75	21.73	21.73	21.73	22.32	22.32	22.32	22.32	22.32	22.32	24.08	24.08	24.08	24.08	24.08	
	S/T	0.75	0.85	0.94	1.00	0.59	0.68	0.78	0.87	0.52	0.61	0.70	0.79	0.35	0.44	0.52	0.60	0.60		
	PI	1.79	1.79	1.79	1.79	1.79	1.79	1.79	1.79	1.80	1.80	1.80	1.80	1.80	1.81	1.81	1.81	1.81	1.81	
104	TC	19.00	19.09	19.29	19.48	20.32	20.32	20.32	20.41	20.90	20.90	21.11	20.90	22.60	22.60	22.60	22.60	22.60		
	S/T	0.77	0.88	0.98	1.00	0.60	0.70	0.81	0.90	0.53	0.62	0.72	0.82	0.35	0.44	0.53	0.62	0.62		
	PI	1.97	1.97	1.97	1.97	1.98	1.98	1.98	1.98	1.99	1.99	1.99	1.99	1.99	2.00	2.00	2.00	2.00	2.00	
115	TC	17.57	17.77	17.96	18.16	18.83	18.83	18.83	19.03	19.42	19.42	19.42	19.42	19.42	21.07	21.07	21.07	21.07	21.07	
	S/T	0.78	0.89	1.00	1.00	0.61	0.71	0.82	0.92	0.53	0.63	0.73	0.84	0.34	0.44	0.53	0.63	0.63		
	PI	2.19	2.19	2.19	2.19	2.20	2.20	2.20	2.20	2.21	2.21	2.21	2.21	2.21	2.23	2.23	2.23	2.23	2.23	
122	TC	16.50	16.70	16.89	17.09	17.67	17.67	17.67	17.86	18.25	18.25	18.25	18.25	18.25	19.81	19.81	19.81	19.81	19.81	
	S/T	0.92	1.00	1.00	1.00	0.62	0.73	0.84	0.95	0.51	0.64	0.75	0.86	0.34	0.44	0.54	0.64	0.64		
	PI	2.38	2.38	2.38	2.38	2.39	2.39	2.39	2.39	2.40	2.40	2.40	2.40	2.41	2.41	2.41	2.41	2.41	2.41	
647	5	TC	25.27	25.27	25.47	25.68	26.58	26.58	26.89	27.28	27.28	27.28	27.28	27.28	28.96	28.96	28.96	28.96	28.96	
		S/T	0.73	0.83	0.98	1.00	0.58	0.68	0.77	0.86	0.50	0.60	0.69	0.78	0.34	0.42	0.51	0.60	0.60	
		PI	1.28	1.28	1.28	1.28	1.27	1.27	1.27	1.27	1.28	1.28	1.28	1.28	1.28	1.27	1.27	1.27	1.27	1.27
	14	TC	25.12	25.12	25.32	25.52	26.43	26.43	26.74	27.14	27.14	27.14	27.14	27.14	28.87	28.87	28.87	28.87	28.87	
		S/T	0.74	0.83	0.99	1.00	0.58	0.68	0.78	0.86	0.50	0.60	0.69	0.79	0.34	0.43	0.51	0.60	0.60	
		PI	1.28	1.28	1.28	1.28	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27
	23	TC	24.97	24.97	25.17	25.37	26.33	26.33	26.63	27.04	27.04	27.04	27.04	27.04	28.79	28.79	28.79	28.79	28.79	
		S/T	0.74	0.84	0.99	1.00	0.59	0.68	0.78	0.87	0.51	0.60	0.69	0.79	0.34	0.43	0.52	0.60	0.60	
		PI	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27
	32	TC	24.84	24.84	25.04	25.24	26.23	26.23	26.53	26.97	26.97	26.97	26.97	26.97	28.77	28.77	28.77	28.77	28.77	
		S/T	0.74	0.84	1.00	1.00	0.59	0.69	0.79	0.89	0.51	0.61	0.70	0.79	0.34	0.43	0.52	0.61	0.61	
		PI	1.28	1.28	1.28	1.28	1.27	1.27	1.27	1.27	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28
41	TC	24.72	24.72	24.92	25.12	26.13	26.13	26.43	26.88	26.88	26.88	26.88	26.88	28.74	28.74	28.74	28.74	28.74		
	S/T	0.75	0.85	1.00	1.00	0.59	0.69	0.79	0.88	0.51	0.61	0.70	0.80	0.34	0.43	0.52	0.61	0.61		
	PI	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	
50	TC	24.57	24.57	24.77	24.97	26.01	26.01	26.31	26.77	26.77	26.77	26.77	26.77	28.67	28.67	28.67	28.67	28.67		
	S/T	0.75	0.85	1.00	1.00	0.59	0.69	0.79	0.88	0.51	0.61	0.70	0.80	0.35	0.44	0.52	0.61	0.61		
	PI	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.30	1.30	1.30	1.30	1.	

# Capacity Tables

INDOOR AIR FLOW (CMF)	OUTDOOR DB (°F)	ID WBI (°F)		60.8				64.4				66.2				71.6			
		ID WB (°F)	ID DB (°F)	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2
		TC	23.50	23.70	23.90	24.09	24.97	24.97	25.27	25.56	25.66	25.66	25.95	27.62	27.62	27.62	27.62		
S/T	0.83	0.96	1.00	1.00	0.64	0.76	0.88	1.00	0.54	0.67	0.79	0.90	0.33	0.45	0.56	0.67			
PI	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56				
77	TC	22.43	22.62	22.82	23.01	23.80	23.80	23.99	24.19	24.48	24.48	24.48	24.78	26.44	26.44	26.44	26.44		
	S/T	0.85	0.98	1.00	1.00	0.64	0.78	0.90	1.00	0.55	0.68	0.80	0.93	0.33	0.45	0.57	0.69		
	PI	1.70	1.70	1.70	1.70	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.72	1.72	1.72	1.72		
86	TC	21.25	21.45	21.64	21.84	22.62	22.62	22.82	23.01	23.31	23.31	23.70	23.90	25.17	25.17	25.17	25.17		
	S/T	0.87	1.00	1.00	1.00	0.65	0.79	0.93	1.00	0.56	0.69	0.82	0.94	0.33	0.45	0.58	0.70		
	PI	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.88	1.88	1.88	1.88	1.89	1.89	1.89	1.89		
95	TC	19.94	20.14	20.33	20.53	21.27	21.27	21.46	21.66	21.95	21.95	22.16	22.36	23.72	23.72	23.72	23.72		
	S/T	0.91	1.00	1.00	1.00	0.68	0.83	0.97	1.00	0.57	0.72	0.86	1.00	0.32	0.46	0.59	0.90		
	PI	2.06	2.06	2.06	2.06	2.07	2.07	2.07	2.07	2.08	2.08	2.08	2.08	2.09	2.09	2.09	2.09		
104	TC	18.45	18.65	18.84	19.04	19.72	19.72	19.92	20.11	20.40	20.40	20.40	20.60	22.06	22.06	22.06	22.06		
	S/T	0.93	1.00	1.00	1.00	0.69	0.84	1.00	1.00	0.57	0.73	0.88	1.00	0.32	0.46	0.60	0.92		
	PI	2.29	2.29	2.29	2.29	2.30	2.30	2.30	2.31	2.31	2.31	2.31	2.33	2.33	2.33	2.33			
115	TC	17.38	17.57	17.77	17.96	18.55	18.55	18.75	18.94	19.14	19.14	19.33	19.53	20.80	20.80	20.80	20.80		
	S/T	0.96	1.00	1.00	1.00	0.70	0.87	1.00	1.00	0.58	0.75	0.91	1.00	0.32	0.47	0.62	0.97		
	PI	2.48	2.48	2.48	2.48	2.49	2.49	2.49	2.49	2.50	2.50	2.50	2.50	2.52	2.52	2.52	2.52		
122	TC	17.38	17.57	17.77	17.96	18.55	18.55	18.75	18.94	19.14	19.14	19.33	19.53	20.80	20.80	20.80	20.80		
	S/T	0.96	1.00	1.00	1.00	0.70	0.87	1.00	1.00	0.58	0.75	0.91	1.00	0.32	0.47	0.62	0.97		
	PI	2.48	2.48	2.48	2.48	2.49	2.49	2.49	2.49	2.50	2.50	2.50	2.50	2.52	2.52	2.52	2.52		

TC: Total Cooling Capacity (kBtu/h)

S/T: Sensible Cooling Capacity Ratio

PI: Power Input (kW)

**Note: The table shows the case where the operation frequency of a compressor is fixed.**



# Capacity Tables

INDOOR AIR FLOW (CMF)	OUTDOOR DB (°F)	ID WB(°F)		60.8				64.4				66.2				71.6				
		ID DB (°F)		73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	
		TC	S/T	PI	TC	S/T	PI	TC	S/T	PI	TC	S/T	PI	TC	S/T	PI	TC	S/T	PI	
1324	50	TC	32.20	32.50	32.80	33.10	34.13	34.13	34.43	34.72	35.07	35.07	35.07	35.47	37.55	37.55	37.55	37.55		
		S/T	0.90	0.99	1.00	1.00	0.67	0.82	0.97	1.00	0.56	0.71	0.86	0.99	0.32	0.46	0.59	0.73		
		PI	1.74	1.74	1.74	1.74	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73
	59	TC	31.94	32.23	32.53	32.83	33.90	33.90	34.19	34.49	34.86	34.86	34.86	35.26	37.39	37.39	37.39	37.39		
		S/T	0.91	1.00	1.00	1.00	0.68	0.83	0.98	1.00	0.57	0.72	0.87	1.00	0.32	0.46	0.60	0.74		
		PI	1.78	1.78	1.78	1.78	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77
	68	TC	31.58	31.87	32.17	32.46	33.54	33.54	33.83	34.13	34.52	34.52	34.52	34.91	37.07	37.07	37.07	37.07		
		S/T	0.91	1.00	1.00	1.00	0.68	0.83	0.98	1.00	0.57	0.72	0.87	1.00	0.32	0.46	0.60	0.74		
		PI	1.84	1.84	1.84	1.84	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.82	1.82	1.82	1.82	1.82	1.82
	77	TC	30.11	30.40	30.69	30.99	31.97	31.97	32.26	32.56	32.95	32.95	33.24	33.54	35.50	35.50	35.50	35.50		
		S/T	0.94	1.00	1.00	1.00	0.69	0.85	1.00	1.00	0.58	0.73	0.89	1.00	0.32	0.46	0.61	0.75		
		PI	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03
	86	TC	28.73	29.03	29.32	29.62	30.50	30.50	30.79	31.09	31.48	31.48	31.77	32.07	33.93	33.93	33.93	33.93		
		S/T	0.96	1.00	1.00	1.00	0.70	0.87	1.00	1.00	0.59	0.75	0.91	1.00	0.32	0.47	0.62	0.77		
		PI	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.23	2.23	2.23	2.23	2.24	2.24	2.24	2.24	2.24	2.24
	95	TC	27.26	27.56	27.85	28.14	29.03	29.32	29.62	29.91	29.91	29.91	30.40	30.69	32.26	32.26	32.26	32.26		
		S/T	0.99	1.00	1.00	1.00	0.72	0.89	1.00	1.00	0.59	0.77	0.93	1.00	0.31	0.47	0.63	0.79		
		PI	2.43	2.43	2.43	2.43	2.44	2.44	2.44	2.44	2.45	2.45	2.45	2.45	2.46	2.46	2.46	2.46	2.46	2.46
	104	TC	25.68	25.93	26.18	26.43	27.41	27.70	28.00	28.29	28.25	28.25	28.65	28.94	30.51	30.51	30.51	30.51		
		S/T	1.00	1.00	1.00	1.00	0.75	0.94	1.00	1.00	0.61	0.80	0.99	1.00	0.31	0.48	0.66	0.90		
		PI	2.69	2.69	2.69	2.69	2.70	2.70	2.70	2.70	2.71	2.71	2.71	2.71	2.72	2.72	2.72	2.72	2.72	2.72
	115	TC	23.76	23.95	24.15	24.35	25.43	25.72	26.01	26.31	26.21	26.21	26.51	26.80	28.37	28.37	28.37	28.37		
		S/T	1.00	1.00	1.00	1.00	0.76	0.96	1.00	1.00	0.62	0.82	1.00	1.00	0.30	0.49	0.67	0.92		
		PI	2.99	2.99	2.99	2.99	3.00	3.00	3.00	3.00	3.01	3.01	3.01	3.01	3.02	3.02	3.02	3.02	3.02	3.02
	122	TC	22.38	22.58	22.78	22.97	23.85	24.05	24.25	24.44	24.64	24.64	24.93	25.23	26.80	26.80	26.80	26.80		
		S/T	1.00	1.00	1.00	1.00	0.78	1.00	1.00	1.00	0.64	0.85	1.00	1.00	0.30	0.49	0.69	0.97		
		PI	3.24	3.24	3.24	3.24	3.25	3.25	3.25	3.25	3.26	3.26	3.26	3.26	3.26	3.26	3.26	3.26	3.26	3.26

TC:Total Cooling Capacity (kBtu/h)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

**Note: The table shows the case where the operation frequency of a compressor is fixed.**





# Capacity Tables

INDOOR AIR FLOW (CMF)	OUTDOOR DB (°F)	ID WB(°F) ID DB (°F)	60.8				64.4				66.2				71.6			
			73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2
			1547	50	TC	44.73	45.13	45.63	46.13	47.33	47.33	47.83	48.33	48.66	48.66	48.66	49.16	52.09
S/T	0.83	0.97			1.00	1.00	0.63	0.76	0.89	1.00	0.54	0.66	0.79	0.91	0.33	0.45	0.56	0.67
PI	2.43	2.43			2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43
59	TC	44.37		44.77	45.26	45.76	47.02	47.02	47.51	48.01	48.37	48.37	48.37	48.86	51.87	51.87	51.87	51.87
	S/T	0.84		0.98	1.00	1.00	0.64	0.77	0.90	1.00	0.55	0.67	0.80	0.92	0.33	0.45	0.57	0.68
	PI	2.49		2.49	2.49	2.49	2.48	2.48	2.48	2.48	2.49	2.49	2.49	2.49	2.48	2.48	2.48	2.48
68	TC	43.87		44.26	44.75	45.24	46.52	46.52	47.01	47.50	47.89	47.89	47.89	48.38	51.43	51.43	51.43	51.43
	S/T	0.84		0.98	1.00	1.00	0.64	0.77	0.90	1.00	0.55	0.67	0.80	0.92	0.33	0.45	0.57	0.68
	PI	2.58		2.58	2.58	2.58	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.56	2.56	2.56	2.56
77	TC	41.81		42.20	42.59	42.99	44.46	44.46	44.95	45.44	45.73	45.73	45.73	46.22	49.27	49.27	49.27	49.27
	S/T	0.86		1.00	1.00	1.00	0.65	0.79	0.92	1.00	0.55	0.69	0.82	0.94	0.33	0.45	0.57	0.70
	PI	2.84		2.84	2.84	2.84	2.84	2.84	2.84	2.84	2.84	2.84	2.84	2.84	2.84	2.84	2.84	2.84
86	TC	39.84	40.24	40.63	41.02	42.40	42.40	42.79	43.18	43.67	43.67	43.67	44.06	47.11	47.11	47.11	47.11	
	S/T	0.88	1.00	1.00	1.00	0.66	0.80	0.94	1.00	0.56	0.70	0.84	0.97	0.33	0.45	0.58	0.71	
	PI	3.12	3.12	3.12	3.12	3.12	3.12	3.12	3.12	3.13	3.13	3.13	3.13	3.14	3.14	3.14	3.14	
95	TC	37.88	38.27	38.67	39.06	40.34	40.34	40.73	41.12	41.51	41.51	42.20	42.59	44.85	44.85	44.85	44.85	
	S/T	0.90	1.00	1.00	1.00	0.67	0.82	0.97	1.00	0.57	0.71	0.85	0.99	0.32	0.46	0.59	0.73	
	PI	3.41	3.41	3.41	3.41	3.42	3.42	3.42	3.42	3.43	3.43	3.43	3.43	3.45	3.45	3.45	3.45	
104	TC	35.27	35.62	35.96	36.31	37.61	37.61	38.00	38.39	38.78	38.78	39.32	39.71	41.90	41.90	41.90	41.90	
	S/T	0.95	1.00	1.00	1.00	0.70	0.86	1.00	1.00	0.58	0.74	0.89	1.00	0.32	0.46	0.61	0.90	
	PI	3.76	3.76	3.76	3.76	3.77	3.77	3.77	3.77	3.78	3.78	3.78	3.78	3.81	3.81	3.81	3.81	
115	TC	32.62	32.92	33.21	33.50	34.86	34.86	35.25	35.63	36.02	36.02	36.41	36.80	38.94	38.94	38.94	38.94	
	S/T	0.97	1.00	1.00	1.00	0.71	0.88	1.00	1.00	0.59	0.75	0.91	1.00	0.32	0.47	0.62	0.92	
	PI	4.18	4.18	4.18	4.18	4.19	4.19	4.19	4.19	4.21	4.21	4.21	4.21	4.24	4.24	4.24	4.24	
122	TC	30.68	30.97	31.27	31.56	32.72	33.01	33.30	33.60	33.89	33.89	34.18	34.57	36.70	36.70	36.70	36.70	
	S/T	1.00	1.00	1.00	1.00	0.73	0.90	1.00	1.00	0.60	0.78	0.95	1.00	0.31	0.47	0.64	0.97	
	PI	4.52	4.52	4.52	4.52	4.54	4.54	4.54	4.54	4.55	4.55	4.55	4.55	4.59	4.59	4.59	4.59	

TC:Total Cooling Capacity (kBtu/h)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

**Note: The table shows the case where the operation frequency of a compressor is fixed.**



# Capacity Tables

INDOOR AIR FLOW (CMF)	OUTDOOR DB (°F)	ID WB(°F) ID DB (°F)	60.8				64.4				66.2				71.6			
			73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2
			1764.71	50	TC	51.96	52.46	52.96	53.46	54.94	54.94	55.54	56.14	56.46	56.46	56.46	57.06	60.46
S/T	0.83	0.96			1.00	1.00	0.63	0.76	0.88	1.00	0.54	0.66	0.78	0.90	0.33	0.45	0.55	0.67
PI	2.83	2.83			2.83	2.83	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82
59	TC	51.54		52.04	52.53	53.03	54.58	54.58	55.17	55.76	56.12	56.12	56.12	56.71	60.20	60.20	60.20	60.20
	S/T	0.84		0.97	1.00	1.00	0.64	0.77	0.89	1.00	0.55	0.67	0.79	0.91	0.33	0.45	0.56	0.68
	PI	2.90		2.90	2.90	2.90	2.88	2.88	2.88	2.88	2.89	2.89	2.89	2.89	2.88	2.88	2.88	2.88
68	TC	50.96		51.45	51.94	52.43	54.00	54.00	54.59	55.17	55.57	55.57	55.57	56.15	59.68	59.68	59.68	59.68
	S/T	0.84		0.97	1.00	1.00	0.64	0.77	0.89	1.00	0.55	0.67	0.79	0.91	0.33	0.45	0.56	0.68
	PI	3.00		3.00	3.00	3.00	2.98	2.98	2.98	2.98	2.98	2.98	2.98	2.98	2.96	2.96	2.96	2.96
77	TC	48.61		49.10	49.59	50.08	51.55	51.55	52.04	52.53	53.12	53.12	53.12	53.61	57.13	57.13	57.13	57.13
	S/T	0.85		0.99	1.00	1.00	0.65	0.78	0.91	1.00	0.55	0.68	0.81	0.93	0.33	0.45	0.57	0.69
	PI	3.31		3.31	3.31	3.31	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.31	3.31	3.31	3.31
86	TC	46.26		46.75	47.24	47.73	49.20	49.20	49.69	50.18	50.67	50.67	50.67	51.16	54.68	54.68	54.68	54.68
	S/T	0.87		1.00	1.00	1.00	0.66	0.80	0.93	1.00	0.56	0.69	0.83	0.96	0.33	0.45	0.58	0.70
	PI	3.62		3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.63	3.63	3.63	3.63	3.64	3.64	3.64	3.64
95	TC	44.00		44.39	44.88	45.37	46.84	46.84	47.33	47.82	48.22	48.22	48.22	49.00	49.49	52.04	52.04	52.04
	S/T	0.89		1.00	1.00	1.00	0.67	0.81	0.96	1.00	0.56	0.71	0.84	0.98	0.32	0.46	0.59	0.72
	PI	3.95		3.95	3.95	3.95	3.97	3.97	3.97	3.97	3.97	3.97	3.98	3.98	4.00	4.00	4.00	4.00
104	TC	41.01	41.40	41.84	42.28	43.74	43.74	44.18	44.62	45.05	45.05	45.65	46.09	48.70	48.70	48.70	48.70	
	S/T	0.94	1.00	1.00	1.00	0.69	0.85	1.00	1.00	0.58	0.73	0.89	1.00	0.32	0.46	0.61	0.90	
	PI	4.37	4.37	4.37	4.37	4.39	4.39	4.39	4.39	4.39	4.39	4.40	4.39	4.43	4.43	4.43	4.43	
114.8	TC	37.94	38.33	38.72	39.11	40.56	40.56	40.95	41.34	41.82	41.82	42.21	42.60	45.32	45.32	45.32	45.32	
	S/T	0.96	1.00	1.00	1.00	0.70	0.87	1.00	1.00	0.58	0.75	0.91	1.00	0.32	0.47	0.62	0.92	
	PI	4.86	4.86	4.86	4.86	4.88	4.88	4.88	4.88	4.89	4.89	4.89	4.89	4.89	4.93	4.93	4.93	
122	TC	35.61	36.00	36.39	36.78	38.04	38.43	38.82	39.20	39.30	39.30	39.69	40.08	42.70	42.70	42.70	42.70	
	S/T	0.99	1.00	1.00	1.00	0.72	0.89	1.00	1.00	0.60	0.77	0.94	1.00	0.31	0.47	0.63	0.97	
	PI	5.26	5.26	5.26	5.26	5.28	5.28	5.28	5.28	5.30	5.30	5.30	5.30	5.34	5.34	5.34	5.34	

TC:Total Cooling Capacity (kBtu/h)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

**Note: The table shows the case where the operation frequency of a compressor is fixed.**

# Capacity Tables

## 4MXCUA18TB000AC, 4TXKUA18TB000DC

INDOOR AIR FLOW (CMF)	OUTDOOR DB (°F)	ID WB(°F) ID DB (°F)	60.8				64.4				66.2				71.6			
			73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2
			5	TC	18.97	19.18	19.38	19.59	19.95	20.45	20.66	20.86	20.46	20.46	20.46	20.46	21.72	21.72
556	5	S/T	0.77	0.88	0.97	0.97	0.60	0.70	0.81	0.92	0.51	0.62	0.72	0.83	0.33	0.42	0.52	0.63
		PI	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.94	0.94	0.94	0.94
		TC	18.86	19.07	19.27	19.47	19.84	20.34	20.54	20.74	20.35	20.35	20.35	20.35	21.65	21.65	21.65	21.65
	14	S/T	0.78	0.88	0.97	0.97	0.60	0.71	0.82	0.92	0.51	0.62	0.73	0.83	0.33	0.43	0.52	0.63
		PI	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.95	0.95	0.95	0.95	0.94	0.94	0.94	0.94
		TC	18.75	18.95	19.16	19.36	19.77	20.26	20.46	20.66	20.28	20.28	20.28	20.28	21.59	21.59	21.59	21.59
	23	S/T	0.78	0.89	0.98	0.98	0.60	0.71	0.82	0.93	0.52	0.62	0.73	0.84	0.33	0.43	0.53	0.63
		PI	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.95	0.95	0.95	0.95	0.94	0.94	0.94	0.94
		TC	18.66	18.86	19.06	19.26	19.69	20.18	20.39	20.59	20.22	20.22	20.22	20.22	21.57	21.57	21.57	21.57
	32	S/T	0.78	0.89	0.98	0.98	0.61	0.72	0.82	0.93	0.52	0.63	0.74	0.84	0.33	0.43	0.53	0.64
		PI	0.95	0.94	0.94	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
		TC	18.56	18.76	18.96	19.16	19.62	20.11	20.31	20.51	20.16	20.16	20.16	20.16	21.55	21.55	21.55	21.55
41	S/T	0.79	0.90	0.99	0.99	0.61	0.72	0.83	0.94	0.52	0.63	0.74	0.85	0.33	0.43	0.53	0.64	
	PI	0.96	0.95	0.95	0.96	0.95	0.95	0.95	0.95	0.96	0.96	0.96	0.96	0.95	0.95	0.95	0.95	
	TC	18.45	18.65	18.85	19.05	19.53	20.01	20.21	20.41	20.07	20.07	20.07	20.07	21.50	21.50	21.50	21.50	
50	S/T	0.79	0.90	0.99	0.99	0.61	0.72	0.83	0.94	0.52	0.63	0.74	0.85	0.34	0.44	0.53	0.64	
	PI	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	
	TC	18.30	18.50	18.70	18.89	19.39	19.88	20.08	20.27	19.95	19.95	19.95	19.95	21.41	21.41	21.41	21.41	
59	S/T	0.80	0.91	1.00	1.00	0.62	0.73	0.84	0.95	0.53	0.64	0.75	0.86	0.34	0.44	0.54	0.65	
	PI	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	
	TC	18.09	18.29	18.48	18.68	19.19	19.17	19.36	19.76	19.76	19.76	19.76	19.76	21.22	21.22	21.22	21.22	
68	S/T	0.80	0.91	1.00	1.00	0.62	0.73	0.84	0.95	0.53	0.64	0.75	0.86	0.34	0.44	0.54	0.65	
	PI	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.02	1.02	1.02	1.02	
	TC	17.21	17.41	17.60	17.80	18.29	18.29	18.29	18.48	18.88	18.88	18.88	18.88	20.34	20.34	20.34	20.34	
77	S/T	0.81	0.93	1.00	1.00	0.63	0.74	0.86	0.97	0.54	0.65	0.77	0.88	0.34	0.44	0.55	0.66	
	PI	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	
	TC	16.43	16.63	16.82	17.02	17.51	17.51	17.51	17.70	18.00	18.00	18.00	18.19	19.36	19.36	19.36	19.36	
86	S/T	0.83	0.95	1.00	1.00	0.63	0.76	0.88	1.00	0.54	0.66	0.78	0.90	0.33	0.45	0.56	0.67	
	PI	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	
	TC	15.65	15.84	16.04	16.24	16.63	16.63	16.82	17.02	17.12	17.12	17.41	17.60	18.48	18.48	18.48	18.48	
95	S/T	0.85	0.98	1.00	1.00	0.64	0.77	0.90	1.00	0.55	0.67	0.79	0.91	0.33	0.45	0.57	0.68	
	PI	1.36	1.36	1.36	1.36	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.38	1.38	1.38	1.38	
	TC	14.48	14.63	14.78	14.93	15.45	15.45	15.60	15.79	15.89	15.89	16.04	16.24	17.19	17.19	17.19	17.19	
104	S/T	0.88	1.00	1.00	1.00	0.66	0.80	0.94	1.00	0.56	0.70	0.84	0.97	0.33	0.45	0.58	0.71	
	PI	1.50	1.50	1.50	1.50	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.52	1.52	1.52	1.52	
	TC	13.38	13.48	13.57	13.67	14.34	14.34	14.44	14.63	14.73	14.73	14.73	14.92	15.98	15.98	15.98	15.98	
115	S/T	0.90	1.00	1.00	1.00	0.67	0.82	0.96	1.00	0.57	0.71	0.85	0.99	0.32	0.46	0.59	0.72	
	PI	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.68	1.68	1.68	1.68	1.69	1.69	1.69	1.69	
	TC	12.61	12.71	12.80	12.90	13.48	13.48	13.57	13.67	13.86	13.86	13.86	13.96	15.11	15.11	15.11	15.11	
122	S/T	0.93	1.00	1.00	1.00	0.69	0.84	1.00	1.00	0.57	0.73	0.88	1.00	0.32	0.46	0.60	0.74	
	PI	1.81	1.81	1.81	1.81	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.84	1.84	1.84	1.84	
	TC	19.39	19.60	19.80	20.01	20.45	20.45	20.66	20.86	20.87	20.87	20.87	21.07	22.23	22.23	22.23	22.23	
647	5	S/T	0.81	0.94	0.98	1.00	0.62	0.74	0.86	0.97	0.53	0.65	0.77	0.89	0.32	0.43	0.54	0.66
		PI	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
		TC	19.28	19.48	19.69	19.89	20.34	20.34	20.54	20.74	20.77	20.77	20.77	20.77	22.16	22.16	22.16	22.16
	14	S/T	0.82	0.94	0.99	1.00	0.62	0.75	0.86	0.97	0.53	0.65	0.78	0.89	0.32	0.44	0.54	0.66
		PI	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
		TC	19.16	19.37	19.57	19.77	20.26	20.26	20.46	20.66	20.69	20.69	20.69	20.69	22.10	22.10	22.10	22.10
	23	S/T	0.82	0.95	0.99	1.00	0.62	0.75	0.87	0.98	0.54	0.65	0.78	0.90	0.32	0.44	0.55	0.66
		PI	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
		TC	19.07	19.27	19.47	19.67	20.18	20.18	20.39	20.59	20.63	20.63	20.63	20.83	22.08	22.08	22.08	22.08
	32	S/T	0.82	0.95	1.00	1.00	0.63	0.75	0.87	0.98	0.54	0.66	0.78	0.90	0.32	0.44	0.55	0.67
		PI	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.98	0.98	0.98	0.98
		TC	18.97	19.17	19.37	19.57	20.11	20.11	20.31	20.51	20.57	20.57	20.57	20.77	22.06	22.06	22.06	22.06
41	S/T	0.83	0.96	1.00	1.00	0.63	0.76	0.88	0.99	0.54	0.66	0.79	0.91	0.33	0.44	0.55	0.67	
	PI	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.99	0.99	0.99	0.99	
	TC	18.86	19.06	19.26	19.46	20.01	20.01	20.21	20.41	20.48	20.48	20.48	20.48	22.00	22.00	22.00	22.00	
50	S/T	0.83	0.96	1.00	1.00	0.63	0.76	0.88	0.99	0.54	0.66	0.79	0.91	0.33	0.45	0.55	0.67	
	PI	1.00	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00	
	TC	18.70	18.90	19.10	19.30	19.88	19.88	20.08	20.27	20.36	20.36	20.36	20.55	21.91	21.91	21.91	21.91	
59	S/T	0.84	0.97	1.00	1.00	0.64	0.77	0.89	1.00	0.55	0.67	0.80	0.92	0.33	0.45	0.56	0.68	
	PI	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	
	TC	18.49	18.69	18.88	19.08	19.67	19.67	19.86	20.06	20.16	20.16	20.16	20.35	21.72	21.72	21.72	21.72	
68	S/T	0.84	0.97	1.00	1.00	0.64	0.77	0.89	1.00	0.55	0.67	0.80	0.92	0.33	0.45	0.56	0.68	
	PI																	

# Capacity Tables

INDOOR AIR FLOW (CMF)	OUTDOOR DB (°F)	ID WB (°F) ID DB (°F)	60.8				64.4				66.2				71.6				
			73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	
			722	50	PI	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
TC	19.26	19.46			19.66	19.86	20.41	20.41	20.61	20.81	20.98	20.98	20.98	21.18	22.50	22.50	22.50	22.50	22.50
S/T	0.86	0.99			1.00	1.00	0.65	0.79	0.92	1.00	0.55	0.68	0.82	0.95	0.33	0.45	0.57	0.70	0.70
59	PI	1.02		1.02	1.02	1.02	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.02	1.02	1.02	1.02	1.02
	TC	19.10		19.30	19.50	19.69	20.27	20.27	20.47	20.67	20.85	20.85	20.85	21.05	22.40	22.40	22.40	22.40	22.40
	S/T	0.87		1.00	1.00	1.00	0.66	0.80	0.93	1.00	0.56	0.69	0.83	0.96	0.33	0.45	0.58	0.71	0.71
68	PI	1.04		1.04	1.04	1.04	1.03	1.03	1.03	1.03	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
	TC	18.88		19.08	19.28	19.47	20.06	20.06	20.25	20.45	20.65	20.65	20.65	20.84	22.21	22.21	22.21	22.21	22.21
	S/T	0.87		1.00	1.00	1.00	0.66	0.80	0.93	1.00	0.56	0.69	0.83	0.96	0.33	0.45	0.58	0.71	0.71
77	PI	1.08		1.08	1.08	1.08	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07
	TC	18.00		18.20	18.40	18.59	19.18	19.18	19.37	19.57	19.77	19.77	19.77	19.96	21.23	21.23	21.23	21.23	21.23
	S/T	0.89		1.00	1.00	1.00	0.67	0.81	0.95	1.00	0.56	0.70	0.85	0.98	0.32	0.46	0.59	0.72	0.72
86	PI	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	
	TC	17.22	17.42	17.61	17.81	18.30	18.30	18.49	18.69	18.88	18.88	18.88	19.08	20.25	20.25	20.25	20.25	20.25	
	S/T	0.91	1.00	1.00	1.00	0.68	0.83	0.98	1.00	0.57	0.72	0.87	1.00	0.32	0.46	0.60	0.74	0.74	
95	PI	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.32	1.32	1.32	1.32	1.32	
	TC	16.34	16.54	16.73	16.93	17.42	17.42	17.61	17.81	17.91	17.91	18.20	18.40	19.37	19.37	19.37	19.37	19.37	
	S/T	0.94	1.00	1.00	1.00	0.69	0.85	1.00	1.00	0.58	0.73	0.88	1.00	0.32	0.46	0.61	0.75	0.75	
104	PI	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.43	1.43	1.43	1.43	1.44	1.44	1.44	1.44	1.44	
	TC	15.41	15.56	15.72	15.87	16.45	16.54	16.73	16.93	16.94	16.94	17.19	17.39	18.37	18.37	18.37	18.37	18.37	
	S/T	0.98	1.00	1.00	1.00	0.72	0.89	1.00	1.00	0.59	0.77	0.93	1.00	0.31	0.47	0.63	0.90	0.90	
115	PI	1.57	1.57	1.57	1.57	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.60	1.60	1.60	1.60	1.60	
	TC	14.23	14.33	14.43	14.53	15.22	15.41	15.61	15.81	15.71	15.71	15.90	16.10	17.08	17.08	17.08	17.08	17.08	
	S/T	1.00	1.00	1.00	1.00	0.73	0.91	1.00	1.00	0.60	0.78	0.95	1.00	0.31	0.48	0.64	0.92	0.92	
122	PI	1.75	1.75	1.75	1.75	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.78	1.78	1.78	1.78	1.78	
	TC	13.45	13.55	13.65	13.74	14.33	14.43	14.53	14.63	14.82	14.82	15.02	15.22	16.10	16.10	16.10	16.10	16.10	
	S/T	1.00	1.00	1.00	1.00	0.75	0.94	1.00	1.00	0.61	0.80	0.99	1.00	0.31	0.48	0.66	0.97	0.97	

TC:Total Cooling Capacity (kBtu/h)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

**Note: The table shows the case where the operation frequency of a compressor is fixed.**

# Capacity Tables

## 4MXCUA24TB000AC, 4TXKUA24TB000DC

INDOOR AIR FLOW (CMF)	OUTDOOR DB (°F)	ID WB (°F)		60.8				64.4				66.2				71.6			
		ID DB (°F)		73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2
714	5	TC		22.68	22.95	23.16	23.36	23.84	24.30	24.50	24.71	24.39	24.39	24.39	24.59	25.91	25.91	25.91	25.91
		S/T		0.79	0.91	0.97	0.97	0.61	0.72	0.84	0.96	0.52	0.64	0.75	0.86	0.33	0.43	0.53	0.64
		PI		1.16	1.16	1.16	1.16	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15
	14	TC		22.54	22.82	23.02	23.23	23.71	24.16	24.37	24.57	24.27	24.27	24.27	24.47	25.83	25.83	25.83	25.83
		S/T		0.80	0.91	0.97	0.97	0.61	0.73	0.84	0.96	0.52	0.64	0.76	0.86	0.33	0.44	0.53	0.64
		PI		1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15
	23	TC		22.41	22.68	22.88	23.09	23.62	24.07	24.27	24.48	24.18	24.18	24.18	24.38	25.76	25.76	25.76	25.76
		S/T		0.80	0.92	0.98	0.98	0.61	0.73	0.85	0.97	0.53	0.64	0.76	0.87	0.33	0.44	0.54	0.64
		PI		1.15	1.15	1.15	1.15	1.14	1.14	1.14	1.14	1.15	1.15	1.15	1.15	1.16	1.16	1.16	1.16
	32	TC		22.29	22.57	22.77	22.97	23.53	23.98	24.18	24.38	24.11	24.11	24.11	24.31	25.74	25.74	25.74	25.74
		S/T		0.80	0.92	0.98	0.98	0.62	0.74	0.85	0.97	0.53	0.65	0.76	0.87	0.33	0.44	0.54	0.65
		PI		1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.16	1.16	1.16	1.16
41	TC		22.18	22.45	22.66	22.86	23.44	23.89	24.09	24.29	24.03	24.03	24.03	24.23	25.72	25.72	25.72	25.72	
	S/T		0.81	0.93	0.99	0.99	0.62	0.74	0.86	0.98	0.53	0.65	0.77	0.88	0.33	0.44	0.54	0.65	
	PI		1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.17	1.17	1.17	1.17	
50	TC		22.05	22.32	22.52	22.72	23.33	23.78	23.98	24.18	23.93	23.93	23.93	24.13	25.65	25.65	25.65	25.65	
	S/T		0.81	0.93	0.99	0.99	0.62	0.74	0.86	0.98	0.53	0.65	0.77	0.88	0.34	0.45	0.54	0.65	
	PI		1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	
59	TC		21.87	22.14	22.34	22.53	23.17	23.62	23.82	24.01	23.79	23.79	23.79	23.99	25.54	25.54	25.54	25.54	
	S/T		0.82	0.94	1.00	1.00	0.63	0.75	0.87	0.99	0.54	0.66	0.78	0.89	0.34	0.45	0.55	0.66	
	PI		1.21	1.21	1.21	1.21	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.21	1.21	1.21	1.21	
68	TC		21.62	21.89	22.08	22.28	22.93	23.37	23.57	23.76	23.56	23.56	23.56	23.75	25.32	25.32	25.32	25.32	
	S/T		0.82	0.94	1.00	1.00	0.63	0.75	0.87	0.99	0.54	0.66	0.78	0.89	0.34	0.45	0.55	0.66	
	PI		1.25	1.25	1.25	1.25	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	
77	TC		20.61	20.81	21.00	21.20	21.89	22.33	22.53	22.72	22.52	22.52	22.52	22.72	24.24	24.24	24.24	24.24	
	S/T		0.84	0.97	1.00	1.00	0.64	0.77	0.89	1.00	0.55	0.67	0.79	0.91	0.33	0.45	0.56	0.68	
	PI		1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	
86	TC		19.63	19.83	20.02	20.22	20.91	21.35	21.55	21.74	21.54	21.54	21.54	21.74	23.16	23.16	23.16	23.16	
	S/T		0.86	0.99	1.00	1.00	0.65	0.78	0.91	1.00	0.55	0.68	0.81	0.94	0.33	0.45	0.57	0.69	
	PI		1.51	1.51	1.51	1.51	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.53	1.53	1.53	1.53	
95	TC		18.65	18.84	19.04	19.24	19.83	20.27	20.47	20.66	20.51	20.51	20.51	20.71	22.08	22.08	22.08	22.08	
	S/T		0.88	1.00	1.00	1.00	0.66	0.80	0.93	1.00	0.56	0.69	0.82	0.95	0.33	0.45	0.58	0.71	
	PI		1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.67	1.67	1.67	1.67	1.68	1.68	1.68	1.68	
104	TC		17.63	17.82	18.02	18.22	18.76	19.20	19.40	19.59	19.41	19.41	19.41	19.66	20.94	20.94	20.94	20.94	
	S/T		0.92	1.00	1.00	1.00	0.68	0.83	0.98	1.00	0.57	0.72	0.87	1.00	0.32	0.46	0.60	0.74	
	PI		1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.84	1.84	1.84	1.84	1.85	1.85	1.85	1.85	
115	TC		16.34	16.53	16.73	16.93	17.42	17.86	18.06	18.25	18.01	18.01	18.01	18.21	19.49	19.49	19.49	19.49	
	S/T		0.93	1.00	1.00	1.00	0.69	0.85	1.00	1.00	0.58	0.73	0.88	1.00	0.32	0.46	0.61	0.75	
	PI		2.03	2.03	2.03	2.03	2.04	2.04	2.04	2.04	2.05	2.05	2.05	2.05	2.06	2.06	2.06	2.06	
122	TC		15.35	15.55	15.75	15.94	16.34	16.78	16.98	17.17	16.93	16.93	16.93	17.13	18.31	18.31	18.31	18.31	
	S/T		0.97	1.00	1.00	1.00	0.71	0.88	1.00	1.00	0.59	0.75	0.91	1.00	0.32	0.47	0.62	0.77	
	PI		2.20	2.20	2.20	2.20	2.21	2.21	2.21	2.21	2.22	2.22	2.22	2.22	2.24	2.24	2.24	2.24	
790	5	TC		23.06	23.27	23.48	23.68	24.30	24.50	24.71	24.91	24.91	24.91	25.11	26.43	26.43	26.43	26.43	
		S/T		0.82	0.96	0.98	1.00	0.63	0.75	0.88	0.97	0.53	0.66	0.78	0.90	0.32	0.43	0.55	0.67
		PI		1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.17	1.17	1.17	1.17
	14	TC		22.93	23.13	23.34	23.54	24.16	24.36	24.57	24.78	24.78	24.78	24.98	26.34	26.34	26.34	26.34	
		S/T		0.82	0.96	0.99	1.00	0.63	0.76	0.88	0.97	0.53	0.66	0.79	0.90	0.32	0.44	0.55	0.67
		PI		1.18	1.18	1.18	1.18	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17
	23	TC		22.79	22.99	23.20	23.40	24.07	24.27	24.48	24.69	24.69	24.69	24.89	26.27	26.27	26.27	26.27	
		S/T		0.83	0.97	0.99	1.00	0.63	0.76	0.89	0.98	0.54	0.66	0.79	0.91	0.32	0.44	0.56	0.67
		PI		1.18	1.18	1.18	1.18	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17
	32	TC		22.68	22.88	23.08	23.28	23.98	24.18	24.38	24.62	24.62	24.62	24.82	26.25	26.25	26.25	26.25	
		S/T		0.83	0.97	1.00	1.00	0.64	0.76	0.89	0.98	0.54	0.67	0.79	0.91	0.32	0.44	0.56	0.68
		PI		1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18
41	TC		22.56	22.76	22.97	23.17	23.89	24.09	24.29	24.54	24.54	24.54	24.74	26.22	26.22	26.22	26.22		
	S/T		0.84	0.98	1.00	1.00	0.64	0.77	0.90	0.99	0.54	0.67	0.80	0.92	0.33	0.44	0.56	0.68	
	PI		1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	
50	TC		22.43	22.63	22.83	23.03	23.78	23.98	24.18	24.44	24.44	24.44	24.64	26.16	26.16	26.16	26.16		
	S/T		0.84	0.98	1.00	1.00	0.64	0.77	0.90	0.99	0.54	0.67	0.80	0.92	0.33	0.45	0.56	0.68	
	PI		1.21	1.21	1.21	1.21	1.20	1.20	1.20	1.21	1.21	1.21	1.21	1.21	1.20	1.20	1.20	1.20	
59	TC		22.24	22.44	22.64	22.84	23.62	23.82	24.01	24.29	24.29	24.29	24.49	26.05	26.05	26.05	26.05		
	S/T		0.85	0.99	1.00	1.00	0.65	0.78	0.91	1.00	0.55	0.68	0.81	0.93	0.33	0.45	0.57	0.69	
	PI		1.24	1.24	1.24	1.24	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	
68	TC																		

# Capacity Tables

INDOOR AIR FLOW (CMF)	OUTDOOR DB (°F)	ID WB(°F)		60.8				64.4				66.2				71.6				
		ID WB(°F)	ID DB(°F)	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	
		DB(°F)	DB(°F)																	
878	50	TC	22.93	23.13	23.33	23.53	24.18	24.18	24.38	24.58	24.94	24.94	24.94	25.24	26.65	26.65	26.65	26.65		
		S/T	0.87	0.99	1.00	1.00	0.65	0.80	0.94	1.00	0.55	0.69	0.83	0.96	0.33	0.46	0.58	0.71		
		PI	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.22	1.22	1.22	1.22	1.23	1.23	1.23	1.23		
	59	TC	22.74	22.94	23.14	23.34	24.01	24.01	24.21	24.41	24.79	24.79	24.79	25.09	26.54	26.54	26.54	26.54		
		S/T	0.88	1.00	1.00	1.00	0.66	0.81	0.95	1.00	0.56	0.70	0.84	0.97	0.33	0.46	0.59	0.72		
		PI	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.25	1.25	1.25	1.25	1.26	1.26	1.26	1.26		
	68	TC	22.48	22.68	22.88	23.07	23.76	23.76	23.96	24.15	24.55	24.55	24.55	24.84	26.31	26.31	26.31	26.31		
		S/T	0.88	1.00	1.00	1.00	0.66	0.81	0.95	1.00	0.56	0.70	0.84	0.97	0.33	0.46	0.59	0.72		
		PI	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29		
	77	TC	21.40	21.60	21.80	21.99	22.78	22.78	22.97	23.17	23.47	23.47	23.47	23.66	25.23	25.23	25.23	25.23		
		S/T	0.91	1.00	1.00	1.00	0.67	0.82	0.97	1.00	0.57	0.71	0.86	1.00	0.32	0.46	0.59	0.73		
		PI	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44		
	86	TC	20.42	20.62	20.81	21.01	21.70	21.70	21.89	22.09	22.39	22.39	22.39	22.58	24.05	24.05	24.05	24.05		
		S/T	0.93	1.00	1.00	1.00	0.69	0.84	1.00	1.00	0.57	0.73	0.88	1.00	0.32	0.46	0.60	0.75		
		PI	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.59	1.59	1.59	1.59		
	95	TC	19.34	19.54	19.73	19.93	20.62	20.62	20.81	21.01	21.31	21.31	21.60	21.80	22.97	22.97	22.97	22.97		
		S/T	0.95	1.00	1.00	1.00	0.70	0.87	1.00	1.00	0.58	0.74	0.90	1.00	0.32	0.47	0.62	0.76		
		PI	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74		
	104	TC	18.18	18.38	18.57	18.77	19.41	19.50	19.69	19.89	20.05	20.05	20.30	20.50	21.63	21.63	21.63	21.63		
		S/T	1.00	1.00	1.00	1.00	0.73	0.90	1.00	1.00	0.60	0.78	0.95	1.00	0.31	0.47	0.64	0.90		
		PI	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.92	1.92	1.92	1.92	1.93	1.93	1.93	1.93		
	115	TC	16.85	17.04	17.24	17.43	18.02	18.22	18.41	18.61	18.61	18.61	18.80	19.00	20.08	20.08	20.08	20.08		
		S/T	1.00	1.00	1.00	1.00	0.74	0.92	1.00	1.00	0.61	0.79	0.97	1.00	0.31	0.48	0.65	0.92		
		PI	2.12	2.12	2.12	2.12	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.15	2.15	2.15	2.15		
122	TC	15.77	15.96	16.16	16.36	16.94	17.14	17.34	17.53	17.43	17.43	17.63	17.82	18.90	18.90	18.90	18.90			
	S/T	1.00	1.00	1.00	1.00	0.76	0.95	1.00	1.00	0.62	0.82	1.00	1.00	0.31	0.49	0.67	0.97			
	PI	2.30	2.30	2.30	2.30	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.33	2.33	2.33	2.33		

TC:Total Cooling Capacity (kBtu/h)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

**Note: The table shows the case where the operation frequency of a compressor is fixed.**

# Capacity Tables

## 4MXCUA36TB000AC, 4TXKUA36TB000DC

INDOOR AIR FLOW (CMF)	OUTDOOR DB (°F)	ID WB (°F) ID DB (°F)	60.8				64.4				66.2				71.6			
			73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2
			1118	5	TC	37.50	37.84	38.25	38.66	39.44	40.29	40.29	40.70	40.40	40.40	40.40	40.40	42.94
1235	5	S/T	0.77	0.89	0.97	0.97	0.60	0.71	0.82	0.93	0.51	0.63	0.73	0.84	0.33	0.42	0.53	0.63
		PI	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
		TC	37.28	37.61	38.02	38.43	39.22	40.06	40.06	40.47	40.20	40.20	40.20	40.20	42.80	42.80	42.80	42.80



# Capacity Tables

INDOOR AIR FLOW (CMF)	OUTDOOR DB (°F)	ID WB(°F) ID DB (°F)	60.8				64.4				66.2				71.6			
			73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2	73.4	77.0	80.6	84.2
			1353	41	TC	38.14	38.54	38.94	39.34	40.31	40.31	40.71	41.11	41.43	41.43	41.43	41.83	44.33
		S/T	0.85	0.98	1.00	1.00	0.64	0.77	0.90	1.00	0.54	0.67	0.80	0.93	0.33	0.44	0.56	0.68
		PI	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	1.99	1.99	1.99	1.99	2.00	2.00	2.00	2.00
	50	TC	37.91	38.31	38.71	39.11	40.12	40.12	40.52	40.92	41.26	41.26	41.26	41.66	44.21	44.21	44.21	44.21
		S/T	0.85	0.98	1.00	1.00	0.64	0.77	0.90	1.00	0.54	0.67	0.80	0.93	0.33	0.45	0.56	0.68
		PI	2.04	2.04	2.04	2.04	2.03	2.03	2.03	2.03	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02
	59	TC	37.60	37.99	38.39	38.79	39.85	39.85	40.25	40.64	41.01	41.01	41.01	41.40	44.02	44.02	44.02	44.02
		S/T	0.86	0.99	1.00	1.00	0.65	0.78	0.91	1.00	0.55	0.68	0.81	0.94	0.33	0.45	0.57	0.69
		PI	2.09	2.09	2.09	2.09	2.08	2.08	2.08	2.08	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07
	68	TC	37.17	37.57	37.96	38.35	39.43	39.43	39.82	40.21	40.61	40.61	40.61	41.00	43.65	43.65	43.65	43.65
		S/T	0.86	0.99	1.00	1.00	0.65	0.78	0.91	1.00	0.55	0.68	0.81	0.94	0.33	0.45	0.57	0.69
		PI	2.16	2.16	2.16	2.16	2.15	2.15	2.15	2.15	2.14	2.14	2.14	2.14	2.13	2.13	2.13	2.13
	77	TC	35.51	35.90	36.29	36.68	37.66	37.66	38.06	38.45	38.84	38.84	38.84	39.23	41.78	41.78	41.78	41.78
		S/T	0.87	1.00	1.00	1.00	0.66	0.80	0.93	1.00	0.56	0.69	0.83	0.96	0.33	0.45	0.58	0.71
		PI	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37
	86	TC	33.84	34.13	34.43	34.82	36.00	36.00	36.39	36.78	37.08	37.08	37.08	37.47	39.92	39.92	39.92	39.92
		S/T	0.89	1.00	1.00	1.00	0.67	0.81	0.96	1.00	0.56	0.71	0.85	0.98	0.32	0.46	0.59	0.72
		PI	2.60	2.60	2.60	2.60	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.62	2.62	2.62	2.62
	95	TC	32.07	32.37	32.66	32.96	34.23	34.23	34.52	34.92	35.21	35.21	35.21	35.80	38.06	38.06	38.06	38.06
		S/T	0.92	1.00	1.00	1.00	0.68	0.83	0.98	1.00	0.57	0.72	0.86	1.00	0.32	0.46	0.60	0.74
		PI	2.84	2.84	2.84	2.84	2.85	2.85	2.85	2.85	2.86	2.86	2.86	2.86	2.87	2.87	2.87	2.87
	104	TC	30.22	30.51	30.80	31.10	32.29	32.42	32.71	33.06	33.27	33.27	33.27	33.72	34.07	35.98	35.98	35.98
		S/T	0.96	1.00	1.00	1.00	0.70	0.87	1.00	1.00	0.59	0.75	0.91	1.00	0.32	0.47	0.62	0.90
		PI	3.15	3.15	3.15	3.15	3.16	3.16	3.16	3.16	3.17	3.17	3.17	3.17	3.18	3.18	3.18	3.18
	115	TC	27.97	28.26	28.56	28.85	29.93	30.22	30.52	30.81	30.91	30.91	31.21	31.50	33.46	33.46	33.46	33.46
		S/T	0.98	1.00	1.00	1.00	0.72	0.89	1.00	1.00	0.59	0.76	0.93	1.00	0.31	0.47	0.63	0.92
		PI	3.50	3.50	3.50	3.50	3.51	3.51	3.51	3.51	3.52	3.52	3.52	3.52	3.55	3.55	3.55	3.55
	122	TC	26.30	26.59	26.89	27.18	28.07	28.36	28.65	28.95	29.05	29.05	29.34	29.64	31.50	31.50	31.50	31.50
		S/T	1.00	1.00	1.00	1.00	0.74	0.92	1.00	1.00	0.60	0.79	0.96	1.00	0.31	0.48	0.65	0.97
		PI	3.79	3.79	3.79	3.79	3.81	3.81	3.81	3.81	3.81	3.81	3.81	3.81	3.84	3.84	3.84	3.84

TC:Total Cooling Capacity (kBtu/h)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

**Note: The table shows the case where the operation frequency of a compressor is fixed.**

# Capacity Tables

## 7.2 Heating

4MXDUA18TB000AC, 4TXKUA18TB000DC

INDOOR AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE								
	OUTDOOR DB ( °F )	TC : TOTAL CAPACITY KBtu/h				PI : TOTAL POWER IN KILOWATTS			
		Indoor Conditions (DB °F )				Indoor Conditions (DB °F )			
		60.8	68.0	71.6	75.2	60.8	68.0	71.6	75.2
372	19.4	14.2	14.2	14.2	14.1	1.10	1.13	1.17	1.20
	22.0	12.7	12.7	12.7	12.6	1.13	1.17	1.20	1.22
	27.0	11.2	11.2	11.2	11.1	1.18	1.23	1.26	1.28
	32.0	9.7	9.6	9.6	9.6	1.23	1.29	1.31	1.34
	37.0	8.3	8.2	8.2	8.1	1.30	1.36	1.39	1.42
	42.0	7.1	7.0	7.0	6.9	1.37	1.43	1.46	1.49
	44.6	5.9	5.8	6.5	6.4	1.41	1.52	1.50	1.53
	52.0	4.5	4.4	4.4	4.3	1.50	1.57	1.60	1.63
	57.0	3.1	3.0	3.0	2.9	1.56	1.63	1.67	1.70
	62.0	1.7	1.6	1.6	1.5	1.62	1.70	1.73	1.77
64.4	1.0	1.0	0.9	0.9	1.65	1.73	1.76	1.80	
474	19.4	14.5	14.5	14.4	14.4	1.11	1.14	1.18	1.21
	22.0	13.0	13.0	12.9	12.9	1.14	1.18	1.21	1.23
	27.0	11.5	11.4	11.4	11.4	1.19	1.24	1.27	1.29
	32.0	9.9	9.8	9.8	9.7	1.24	1.30	1.33	1.35
	37.0	8.4	8.4	8.3	8.3	1.31	1.37	1.40	1.43
	42.0	7.2	7.1	7.1	7.0	1.38	1.44	1.47	1.50
	44.6	6.0	5.9	6.6	6.5	1.42	1.53	1.51	1.55
	52.0	4.6	4.5	4.4	4.4	1.51	1.58	1.61	1.65
	57.0	3.1	3.1	3.0	3.0	1.57	1.64	1.68	1.71
	62.0	1.7	1.6	1.6	1.5	1.64	1.71	1.74	1.78
64.4	1.0	0.9	0.9	0.8	1.67	1.74	1.78	1.81	
573	19.4	14.6	14.6	14.5	14.5	1.12	1.15	1.19	1.22
	22.0	13.1	13.1	13.0	13.0	1.15	1.20	1.22	1.24
	27.0	11.6	11.5	11.5	11.5	1.20	1.25	1.28	1.31
	32.0	10.0	9.9	9.9	9.8	1.26	1.31	1.34	1.37
	37.0	8.5	8.5	8.4	8.4	1.33	1.38	1.41	1.44
	42.0	7.3	7.2	7.2	7.1	1.40	1.46	1.49	1.52
	44.6	6.1	6.0	6.7	6.6	1.44	1.55	1.53	1.56
	52.0	4.7	4.6	4.5	4.5	1.53	1.60	1.63	1.67
	57.0	3.2	3.2	3.1	3.1	1.59	1.66	1.70	1.73
	62.0	1.8	1.7	1.7	1.6	1.66	1.73	1.77	1.80
64.4	1.1	1.0	1.0	0.9	1.69	1.76	1.80	1.84	

Note: The table shows the case where the operation frequency of a compressor is fixed.

# Capacity Tables

4MXDUA24TB000AC, 4TXKUA24TB000DC

INDOOR AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE								
	OUTDOOR DB ( °F )	TC : TOTAL CAPACITY KBtu/h				PI : TOTAL POWER IN KILOWATTS			
		Indoor Conditions (DB °F )				Indoor Conditions (DB °F)			
		60.8	68.0	71.6	75.2	60.8	68.0	71.6	75.2
518	19.4	14.2	14.2	14.1	14.1	1.11	1.13	1.22	1.26
	22.0	13.0	13.0	12.9	12.9	1.18	1.26	1.30	1.34
	27.0	11.8	11.7	11.7	11.6	1.32	1.40	1.45	1.49
	32.0	10.5	10.4	10.4	10.3	1.46	1.55	1.60	1.65
	37.0	9.4	9.3	9.2	9.2	1.62	1.72	1.77	1.82
	42.0	8.5	8.4	8.4	8.3	1.78	1.89	1.94	2.00
	44.6	7.7	7.6	8.1	8.1	1.87	2.09	2.04	2.09
	52.0	6.6	6.5	6.5	6.4	2.09	2.22	2.28	2.34
	57.0	5.5	5.4	5.4	5.3	2.24	2.37	2.44	2.50
	62.0	4.5	4.3	4.3	4.2	2.40	2.53	2.60	2.67
64.4	3.9	3.8	3.7	3.7	2.47	2.61	2.68	2.75	
647	19.4	14.6	14.5	14.5	14.5	1.12	1.14	1.23	1.27
	22.0	13.3	13.2	13.2	13.2	1.19	1.27	1.31	1.35
	27.0	12.0	12.0	11.9	11.9	1.33	1.42	1.46	1.51
	32.0	10.7	10.6	10.6	10.5	1.47	1.57	1.61	1.66
	37.0	9.6	9.5	9.5	9.4	1.63	1.74	1.79	1.84
	42.0	8.7	8.6	8.6	8.5	1.80	1.91	1.96	2.02
	44.6	7.9	7.8	8.3	8.3	1.89	2.11	2.06	2.11
	52.0	6.8	6.7	6.7	6.6	2.11	2.23	2.30	2.36
	57.0	5.7	5.6	5.5	5.5	2.26	2.39	2.46	2.53
	62.0	4.6	4.5	4.4	4.4	2.42	2.55	2.62	2.69
64.4	4.1	4.0	3.9	3.8	2.49	2.63	2.70	2.77	
803	19.4	14.7	14.6	14.6	14.6	1.13	1.15	1.25	1.29
	22.0	13.4	13.3	13.3	13.3	1.20	1.28	1.32	1.36
	27.0	12.1	12.1	12.0	12.0	1.34	1.43	1.48	1.52
	32.0	10.8	10.7	10.7	10.6	1.48	1.58	1.63	1.68
	37.0	9.7	9.6	9.6	9.5	1.65	1.75	1.81	1.86
	42.0	8.8	8.7	8.7	8.6	1.81	1.93	1.98	2.04
	44.6	8.0	7.9	8.4	8.4	1.91	2.13	2.08	2.13
	52.0	6.9	6.8	6.8	6.7	2.13	2.26	2.32	2.38
	57.0	5.8	5.7	5.6	5.6	2.29	2.42	2.49	2.55
	62.0	4.7	4.6	4.5	4.5	2.44	2.58	2.65	2.72
64.4	4.2	4.1	4.0	3.9	2.52	2.66	2.73	2.80	

Note: The table shows the case where the operation frequency of a compressor is fixed.

# Capacity Tables

4MXDUA36TB000AC, 4TXKUA36TB000DC

INDOOR AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE								
	OUTDOOR DB ( °F )	TC : TOTAL CAPACITY KBtu/h				PI : TOTAL POWER IN KILOWATTS			
		Indoor Conditions (DB °F )				Indoor Conditions (DB °F)			
		60.8	68.0	71.6	75.2	60.8	68.0	71.6	75.2
800	19.4	14.3	14.2	14.2	14.2	1.11	1.13	1.25	1.30
	22.0	13.3	13.2	13.2	13.2	1.20	1.30	1.35	1.40
	27.0	12.3	12.2	12.2	12.2	1.39	1.49	1.55	1.60
	32.0	11.3	11.2	11.1	11.1	1.57	1.69	1.74	1.80
	37.0	10.5	10.4	10.3	10.3	1.78	1.91	1.97	2.03
	42.0	10.0	9.9	9.8	9.7	1.99	2.12	2.19	2.26
	44.6	9.5	9.4	9.8	9.7	2.10	2.38	2.31	2.38
	52.0	8.8	8.6	8.6	8.5	2.39	2.55	2.62	2.70
	57.0	8.0	7.8	7.8	7.7	2.59	2.75	2.83	2.91
	62.0	7.2	7.0	7.0	6.9	2.79	2.96	3.04	3.13
64.4	6.8	6.7	6.6	6.5	2.88	3.06	3.14	3.23	
1107	19.4	14.6	14.5	14.5	14.4	1.12	1.14	1.26	1.31
	22.0	13.6	13.5	13.5	13.4	1.21	1.31	1.36	1.41
	27.0	12.6	12.5	12.5	12.4	1.40	1.51	1.56	1.61
	32.0	11.5	11.4	11.4	11.3	1.59	1.70	1.76	1.82
	37.0	10.7	10.6	10.5	10.5	1.80	1.92	1.98	2.05
	42.0	10.2	10.1	10.0	9.9	2.01	2.14	2.21	2.28
	44.6	9.7	9.6	10.0	9.9	2.12	2.40	2.33	2.40
	52.0	9.0	8.8	8.8	8.7	2.41	2.57	2.64	2.72
	57.0	8.2	8.0	7.9	7.9	2.61	2.77	2.86	2.94
	62.0	7.3	7.2	7.1	7.0	2.81	2.98	3.07	3.15
64.4	7.0	6.8	6.7	6.6	2.91	3.08	3.17	3.26	
1324	19.4	14.7	14.6	14.6	14.5	1.13	1.15	1.27	1.32
	22.0	13.7	13.6	13.6	13.5	1.22	1.32	1.37	1.42
	27.0	12.7	12.6	12.6	12.5	1.41	1.52	1.57	1.63
	32.0	11.6	11.5	11.4	11.4	1.60	1.72	1.77	1.83
	37.0	10.8	10.7	10.6	10.6	1.81	1.94	2.00	2.06
	42.0	10.3	10.2	10.1	10.0	2.02	2.16	2.23	2.29
	44.6	9.8	9.7	10.1	10.0	2.14	2.42	2.35	2.42
	52.0	9.1	8.9	8.9	8.8	2.43	2.59	2.67	2.74
	57.0	8.3	8.1	8.0	8.0	2.63	2.80	2.88	2.96
	62.0	7.4	7.3	7.2	7.1	2.83	3.01	3.09	3.18
64.4	7.1	6.9	6.8	6.7	2.93	3.11	3.20	3.28	

Note: The table shows the case where the operation frequency of a compressor is fixed.

# Capacity Tables

4MXDUA48TB000AC, 4TXKUA48TB000DC

INDOOR AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE								
	OUTDOOR DB ( °F )	TC : TOTAL CAPACITY KBtu/h				PI : TOTAL POWER IN KILOWATTS			
		Indoor Conditions (DB °F )				Indoor Conditions (DB °F)			
		60.8	68.0	71.6	75.2	60.8	68.0	71.6	75.2
853	19.4	14.4	14.2	14.1	14.1	1.14	1.13	1.46	1.56
	22.0	14.5	14.3	14.2	14.2	1.41	1.63	1.74	1.86
	27.0	14.5	14.4	14.3	14.2	1.94	2.19	2.31	2.44
	32.0	14.5	14.3	14.2	14.1	2.47	2.74	2.88	3.02
	37.0	14.9	14.7	14.6	14.5	3.05	3.35	3.50	3.65
	42.0	15.8	15.6	15.5	15.4	3.62	3.95	4.11	4.28
	44.6	16.8	16.6	16.4	16.3	3.93	4.65	4.44	4.61
	52.0	17.3	17.1	16.9	16.8	4.75	5.13	5.32	5.51
	57.0	17.7	17.5	17.3	17.2	5.31	5.71	5.91	6.12
	62.0	18.1	17.9	17.7	17.6	5.86	6.29	6.51	6.72
64.4	18.3	18.1	17.9	17.8	6.13	6.57	6.79	7.01	
1207	19.4	14.6	14.5	14.4	14.4	1.15	1.14	1.47	1.58
	22.0	14.7	14.6	14.5	14.5	1.42	1.65	1.76	1.87
	27.0	14.8	14.7	14.6	14.5	1.96	2.21	2.33	2.46
	32.0	14.7	14.6	14.5	14.4	2.49	2.77	2.91	3.05
	37.0	15.2	15.0	14.9	14.8	3.07	3.38	3.53	3.68
	42.0	16.1	15.9	15.8	15.7	3.66	3.99	4.15	4.32
	44.6	17.1	16.9	16.7	16.6	3.97	4.69	4.49	4.66
	52.0	17.6	17.4	17.2	17.1	4.80	5.18	5.37	5.56
	57.0	18.0	17.8	17.6	17.5	5.36	5.77	5.97	6.17
	62.0	18.4	18.2	18.0	17.9	5.92	6.35	6.57	6.78
64.4	18.6	18.4	18.2	18.1	6.18	6.63	6.85	7.08	
1548	19.4	14.8	14.6	14.5	14.5	1.16	1.15	1.48	1.59
	22.0	14.9	14.7	14.6	14.6	1.43	1.66	1.78	1.89
	27.0	15.0	14.8	14.7	14.6	1.97	2.23	2.36	2.48
	32.0	14.9	14.7	14.6	14.5	2.52	2.80	2.94	3.08
	37.0	15.3	15.1	15.0	14.9	3.10	3.41	3.56	3.72
	42.0	16.3	16.1	16.0	15.8	3.69	4.03	4.19	4.36
	44.6	17.3	17.1	16.9	16.7	4.01	4.74	4.53	4.70
	52.0	17.8	17.6	17.5	17.3	4.85	5.23	5.42	5.62
	57.0	18.3	18.0	17.9	17.7	5.41	5.82	6.03	6.23
	62.0	18.7	18.4	18.3	18.2	5.97	6.41	6.63	6.85
64.4	18.9	18.6	18.5	18.3	6.25	6.70	6.92	7.15	

Note: The table shows the case where the operation frequency of a compressor is fixed.

# Capacity Tables

4MXDUA60TB000AC, 4TXKUA60TB000DC

INDOOR AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE								
	OUTDOOR DB ( °F )	TC : TOTAL CAPACITY Kbtu/h				PI : TOTAL POWER IN KILOWATTS			
		Indoor Conditions (DB °F )				Indoor Conditions (DB °F)			
		60.8	68.0	71.6	75.2	60.8	68.0	71.6	75.2
1118	19.4	14.3	14.2	14.1	14.0	1.14	1.13	1.46	1.56
	22.0	14.5	14.4	14.3	14.2	1.41	1.63	1.74	1.86
	27.0	14.7	14.6	14.5	14.4	1.94	2.19	2.31	2.44
	32.0	14.7	14.5	14.5	14.4	2.47	2.74	2.88	3.02
	37.0	15.2	15.1	15.0	14.9	3.05	3.35	3.50	3.65
	42.0	16.3	16.1	16.0	15.9	3.62	3.95	4.11	4.28
	44.6	17.4	17.2	16.9	16.8	3.93	4.65	4.44	4.61
	52.0	18.0	17.8	17.6	17.5	4.75	5.13	5.32	5.51
	57.0	18.5	18.3	18.1	18.0	5.31	5.71	5.91	6.12
	62.0	19.1	18.8	18.6	18.5	5.86	6.29	6.51	6.72
64.4	19.3	19.0	18.9	18.7	6.13	6.57	6.79	7.01	
1442	19.4	14.7	14.5	14.4	14.4	1.15	1.14	1.47	1.58
	22.0	14.9	14.7	14.6	14.6	1.42	1.65	1.76	1.87
	27.0	15.0	14.9	14.8	14.7	1.96	2.21	2.33	2.46
	32.0	15.1	14.9	14.8	14.7	2.49	2.77	2.91	3.05
	37.0	15.6	15.4	15.3	15.2	3.07	3.38	3.53	3.68
	42.0	16.7	16.4	16.3	16.2	3.66	3.99	4.15	4.32
	44.6	17.9	17.6	17.3	17.2	3.97	4.69	4.49	4.66
	52.0	18.4	18.2	18.1	17.9	4.80	5.18	5.37	5.56
	57.0	19.0	18.7	18.6	18.4	5.36	5.77	5.97	6.17
	62.0	19.5	19.2	19.1	18.9	5.92	6.35	6.57	6.78
64.4	19.8	19.5	19.3	19.2	6.18	6.63	6.85	7.08	
1766	19.4	14.8	14.6	14.5	14.5	1.16	1.15	1.48	1.59
	22.0	15.0	14.8	14.7	14.7	1.43	1.66	1.78	1.89
	27.0	15.2	15.0	14.9	14.8	1.97	2.23	2.36	2.48
	32.0	15.2	15.0	14.9	14.8	2.52	2.80	2.94	3.08
	37.0	15.7	15.5	15.4	15.3	3.10	3.41	3.56	3.72
	42.0	16.8	16.6	16.5	16.4	3.69	4.03	4.19	4.36
	44.6	18.0	17.8	17.5	17.4	4.01	4.74	4.53	4.70
	52.0	18.7	18.4	18.3	18.2	4.85	5.23	5.42	5.62
	57.0	19.2	18.9	18.8	18.7	5.41	5.82	6.03	6.23
	62.0	19.8	19.5	19.3	19.2	5.97	6.41	6.63	6.85
64.4	20.0	19.7	19.6	19.4	6.25	6.70	6.92	7.15	

Note: The table shows the case where the operation frequency of a compressor is fixed.

# Capacity Tables

## 4MXCUA18TB000AC, 4TXKUA18TB000DC

INDOOR AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE								
	OUTDOOR DB ( °F )	TC : TOTAL CAPACITY KBtu/h				PI : TOTAL POWER IN KILOWATTS			
		Indoor Conditions (DB °F )				Indoor Conditions (DB °F)			
		60.8	68.0	71.6	75.2	60.8	68.0	71.6	75.2
557	19.4	14.3	14.2	14.1	14.0	1.10	1.13	1.16	1.18
	22.0	14.6	14.5	14.4	14.3	1.11	1.16	1.18	1.20
	27.0	14.9	14.7	14.7	14.6	1.15	1.19	1.22	1.24
	32.0	15.0	14.8	14.7	14.6	1.19	1.23	1.25	1.28
	37.0	15.6	15.4	15.3	15.2	1.23	1.28	1.31	1.33
	42.0	16.8	16.5	16.4	16.3	1.28	1.33	1.36	1.38
	44.6	18.1	17.8	17.5	17.3	1.31	1.40	1.39	1.42
	52.0	18.7	18.5	18.3	18.2	1.38	1.43	1.46	1.48
	57.0	19.3	19.1	18.9	18.8	1.42	1.47	1.50	1.53
62.0	20.0	19.7	19.5	19.4	1.46	1.52	1.55	1.58	
64.4	20.3	20.0	19.8	19.7	1.48	1.54	1.57	1.60	
647	19.4	14.6	<b>14.5</b>	14.4	14.3	1.11	<b>1.14</b>	1.17	1.19
	22.0	14.9	14.8	14.7	14.6	1.12	1.17	1.19	1.21
	27.0	15.2	15.0	14.9	14.9	1.16	1.21	1.23	1.25
	32.0	15.3	15.1	15.0	14.9	1.20	1.24	1.27	1.29
	37.0	15.9	15.7	15.6	15.5	1.25	1.30	1.32	1.34
	42.0	17.1	16.9	16.7	16.6	1.30	1.35	1.37	1.40
	44.6	18.3	<b>18.1</b>	17.8	17.7	1.33	<b>1.42</b>	1.40	1.43
	52.0	19.1	18.8	18.7	18.5	1.39	1.45	1.47	1.50
	57.0	19.7	19.4	19.3	19.1	1.43	1.49	1.52	1.55
	62.0	20.3	20.0	19.9	19.7	1.48	1.54	1.57	1.59
64.4	20.6	20.3	20.2	20.0	1.50	1.56	1.59	1.62	
722	19.4	14.8	14.6	14.5	14.4	1.12	1.15	1.18	1.20
	22.0	15.1	14.9	14.8	14.7	1.13	1.18	1.20	1.22
	27.0	15.3	15.1	15.1	15.0	1.17	1.22	1.24	1.26
	32.0	15.4	15.2	15.1	15.0	1.21	1.26	1.28	1.30
	37.0	16.1	15.8	15.7	15.6	1.26	1.31	1.33	1.36
	42.0	17.2	17.0	16.9	16.8	1.31	1.36	1.39	1.41
	44.6	18.5	18.3	18.0	17.8	1.34	1.43	1.42	1.45
	52.0	19.2	19.0	18.9	18.7	1.41	1.46	1.49	1.52
	57.0	19.9	19.6	19.5	19.3	1.45	1.51	1.54	1.56
	62.0	20.5	20.2	20.1	19.9	1.49	1.55	1.58	1.61
64.4	20.8	20.5	20.4	20.2	1.52	1.58	1.61	1.64	

Note: The table shows the case where the operation frequency of a compressor is fixed.

# Capacity Tables

4MXCUA24TB000AC, 4TXKUA24TB000DC

INDOOR AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE								
	OUTDOOR DB ( °F )	TC : TOTAL CAPACITY KBtu/h				PI : TOTAL POWER IN KILOWATTS			
		Indoor Conditions (DB °F )				Indoor Conditions (DB °F)			
		60.8	68.0	71.6	75.2	60.8	68.0	71.6	75.2
714	19.4	14.4	14.2	14.1	14.0	1.10	1.13	1.19	1.22
	22.0	15.6	15.4	15.3	15.2	1.14	1.20	1.23	1.26
	27.0	16.8	16.6	16.5	16.4	1.23	1.29	1.32	1.36
	32.0	17.8	17.5	17.4	17.3	1.31	1.38	1.41	1.45
	37.0	19.5	19.2	19.1	18.9	1.41	1.49	1.52	1.56
	42.0	21.9	21.6	21.4	21.3	1.51	1.59	1.63	1.67
	44.6	24.4	24.1	23.2	23.1	1.57	1.72	1.69	1.73
	52.0	26.2	25.8	25.7	25.5	1.71	1.79	1.84	1.88
	57.0	27.9	27.5	27.3	27.1	1.80	1.89	1.94	1.98
	62.0	29.5	29.2	29.0	28.8	1.89	1.99	2.04	2.08
64.4	30.3	30.0	29.8	29.6	1.94	2.04	2.08	2.13	
790	19.4	14.8	14.5	14.4	14.3	1.11	1.14	1.20	1.23
	22.0	16.0	15.7	15.6	15.5	1.15	1.21	1.24	1.27
	27.0	17.2	16.9	16.8	16.7	1.24	1.30	1.34	1.37
	32.0	18.2	17.9	17.8	17.6	1.32	1.39	1.43	1.46
	37.0	19.9	19.6	19.4	19.3	1.43	1.50	1.54	1.57
	42.0	22.3	22.0	21.9	21.7	1.53	1.61	1.64	1.68
	44.6	24.9	24.6	23.7	23.6	1.59	1.74	1.71	1.75
	52.0	26.7	26.4	26.2	26.0	1.72	1.81	1.85	1.90
	57.0	28.4	28.1	27.9	27.7	1.82	1.91	1.95	2.00
	62.0	30.2	29.8	29.6	29.4	1.91	2.01	2.05	2.10
64.4	31.0	30.6	30.4	30.2	1.96	2.05	2.10	2.15	
879	19.4	14.8	14.6	14.5	14.3	1.12	1.15	1.21	1.24
	22.0	16.1	15.9	15.8	15.6	1.16	1.22	1.25	1.29
	27.0	17.3	17.1	17.0	16.8	1.25	1.31	1.35	1.38
	32.0	18.3	18.0	17.9	17.8	1.33	1.40	1.44	1.47
	37.0	20.0	19.7	19.6	19.5	1.44	1.51	1.55	1.59
	42.0	22.5	22.2	22.0	21.9	1.54	1.62	1.66	1.70
	44.6	25.1	24.8	23.9	23.8	1.60	1.75	1.72	1.76
	52.0	26.9	26.6	26.4	26.2	1.74	1.83	1.87	1.91
	57.0	28.7	28.3	28.1	27.9	1.83	1.92	1.97	2.02
	62.0	30.4	30.0	29.8	29.6	1.93	2.02	2.07	2.12
64.4	31.2	30.8	30.6	30.4	1.97	2.07	2.12	2.17	

Note: The table shows the case where the operation frequency of a compressor is fixed.



# Capacity Tables

4MXCUA36TB000AC, 4TXKUA36TB000DC

INDOOR AIRFLOW (CFM)	HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE								
	OUTDOOR DB ( °F )	TC : TOTAL CAPACITY KBtu/h				PI : TOTAL POWER IN KILOWATTS			
		Indoor Conditions (DB °F )				Indoor Conditions (DB °F)			
		60.8	68.0	71.6	75.2	60.8	68.0	71.6	75.2
1118	19.4	14.5	14.2	14.0	13.9	1.14	1.13	1.41	1.50
	22.0	19.1	18.7	18.5	18.3	1.36	1.56	1.65	1.75
	27.0	23.6	23.1	22.9	22.7	1.81	2.03	2.14	2.25
	32.0	27.5	27.1	26.8	26.6	2.27	2.51	2.63	2.75
	37.0	32.9	32.4	32.1	31.9	2.76	3.02	3.15	3.28
	42.0	39.7	39.1	38.8	38.5	3.26	3.54	3.68	3.82
	44.6	46.8	46.1	43.4	43.1	3.52	4.14	3.96	4.11
	52.0	52.3	51.6	51.3	50.9	4.22	4.55	4.71	4.88
	57.0	57.6	56.9	56.6	56.2	4.70	5.05	5.22	5.40
	62.0	63.0	62.3	61.9	61.5	5.17	5.54	5.73	5.91
	64.4	65.6	64.8	64.4	64.1	5.40	5.78	5.97	6.16
1236	19.4	14.8	<b>14.5</b>	14.3	14.2	1.15	<b>1.14</b>	1.42	1.52
	22.0	19.5	19.1	18.9	18.7	1.37	1.57	1.67	1.77
	27.0	24.1	23.6	23.4	23.2	1.83	2.05	2.16	2.27
	32.0	28.1	27.6	27.4	27.1	2.29	2.53	2.65	2.77
	37.0	33.6	33.1	32.8	32.5	2.79	3.05	3.18	3.32
	42.0	40.5	39.9	39.6	39.4	3.29	3.57	3.72	3.86
	44.6	47.8	<b>47.1</b>	44.3	44.0	3.56	<b>4.18</b>	4.00	4.15
	52.0	53.4	52.7	52.4	52.0	4.27	4.60	4.76	4.93
	57.0	58.9	58.1	57.8	57.4	4.74	5.10	5.27	5.45
	62.0	64.3	63.6	63.2	62.8	5.22	5.60	5.79	5.97
	64.4	67.0	66.2	65.8	65.4	5.45	5.84	6.03	6.23
1354	19.4	14.9	14.6	14.4	14.3	1.16	1.15	1.44	1.53
	22.0	19.7	19.3	19.1	18.9	1.39	1.59	1.68	1.78
	27.0	24.3	23.8	23.6	23.4	1.85	2.07	2.18	2.29
	32.0	28.4	27.9	27.7	27.4	2.31	2.55	2.68	2.80
	37.0	34.0	33.4	33.1	32.9	2.81	3.08	3.21	3.35
	42.0	40.9	40.4	40.1	39.8	3.32	3.61	3.75	3.90
	44.6	48.2	47.6	44.8	44.5	3.59	4.22	4.04	4.19
	52.0	54.0	53.3	53.0	52.6	4.30	4.64	4.81	4.97
	57.0	59.5	58.8	58.4	58.1	4.79	5.14	5.32	5.50
	62.0	65.1	64.3	63.9	63.6	5.27	5.65	5.84	6.03
	64.4	67.7	67.0	66.6	66.2	5.50	5.89	6.09	6.28

Note: The table shows the case where the operation frequency of a compressor is fixed.

# Indoor Unit– Duct - 1.5 to 3 Tons

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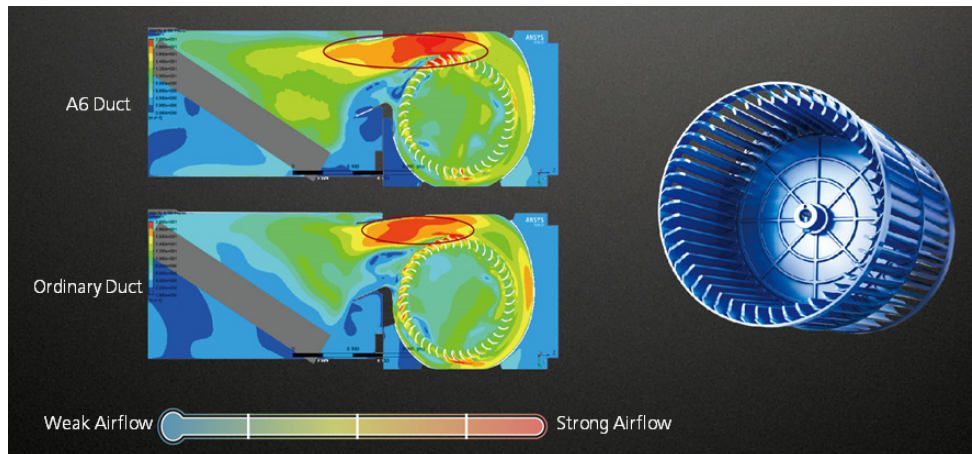
# Feature

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## 1. Feature

### 1.1 Eccentric Fan Design

New eccentric fan design improves the airflow at the air outlet, resulting better performance.

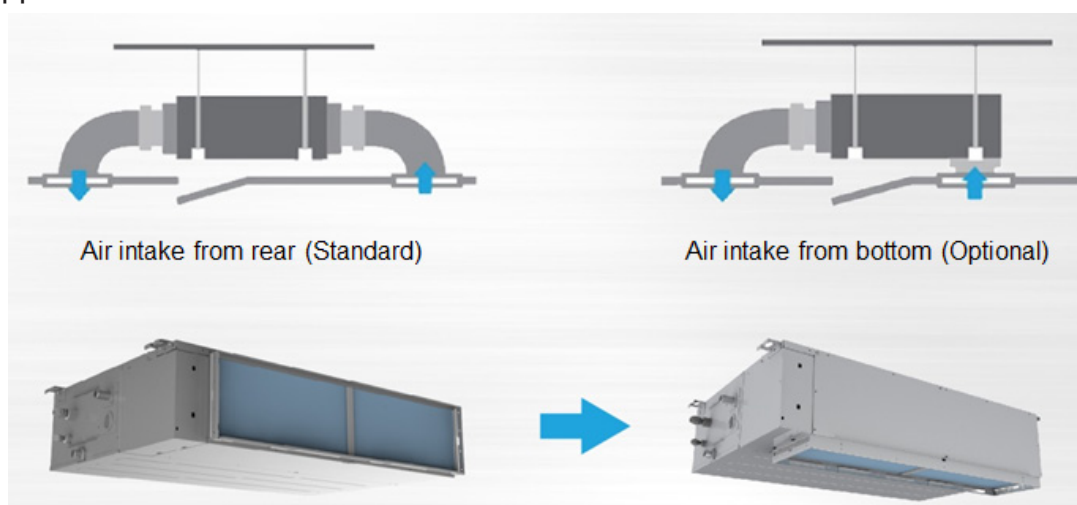


### 1.2 Slim Design

The industry lowest height is designed to be fitted into tight roof space.

### 1.3 Flexible Air Intake

The frame size of air inlet in rear and bottom is the same. It's very easy to switch to match different applications.

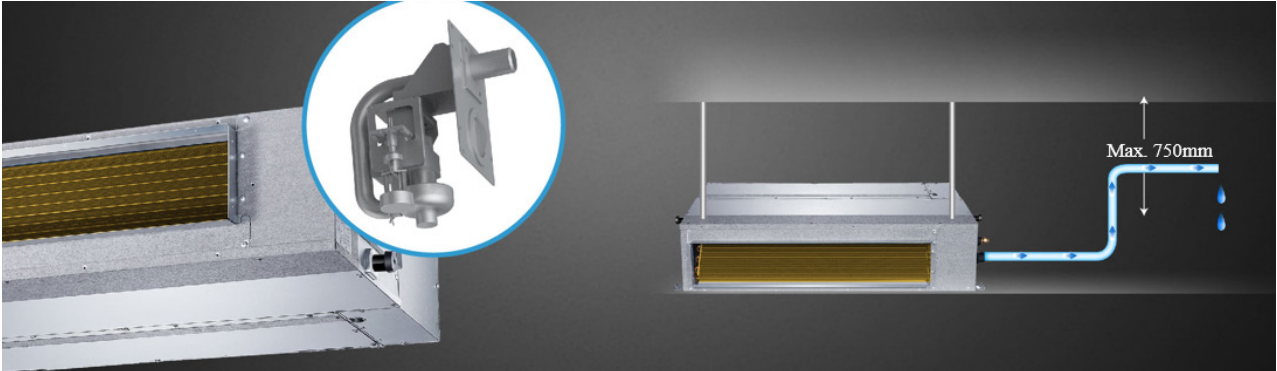


# Feature

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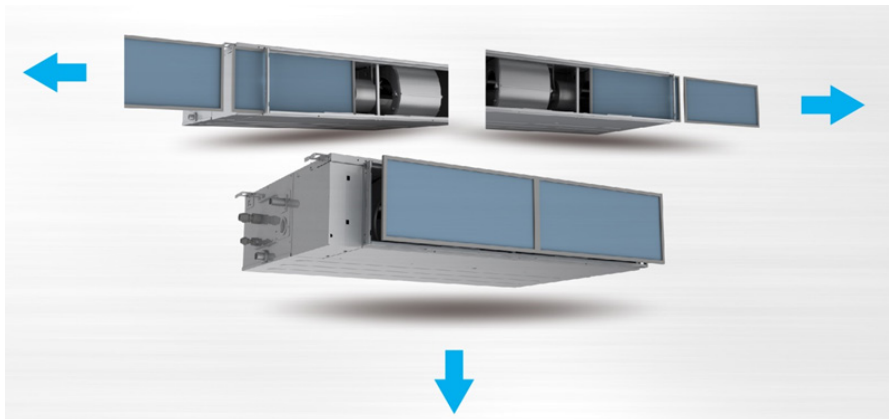
## 1.4 Built-in Drain Pump(Optional)

The built-in drain pump can lift condensing water up to 750mm.



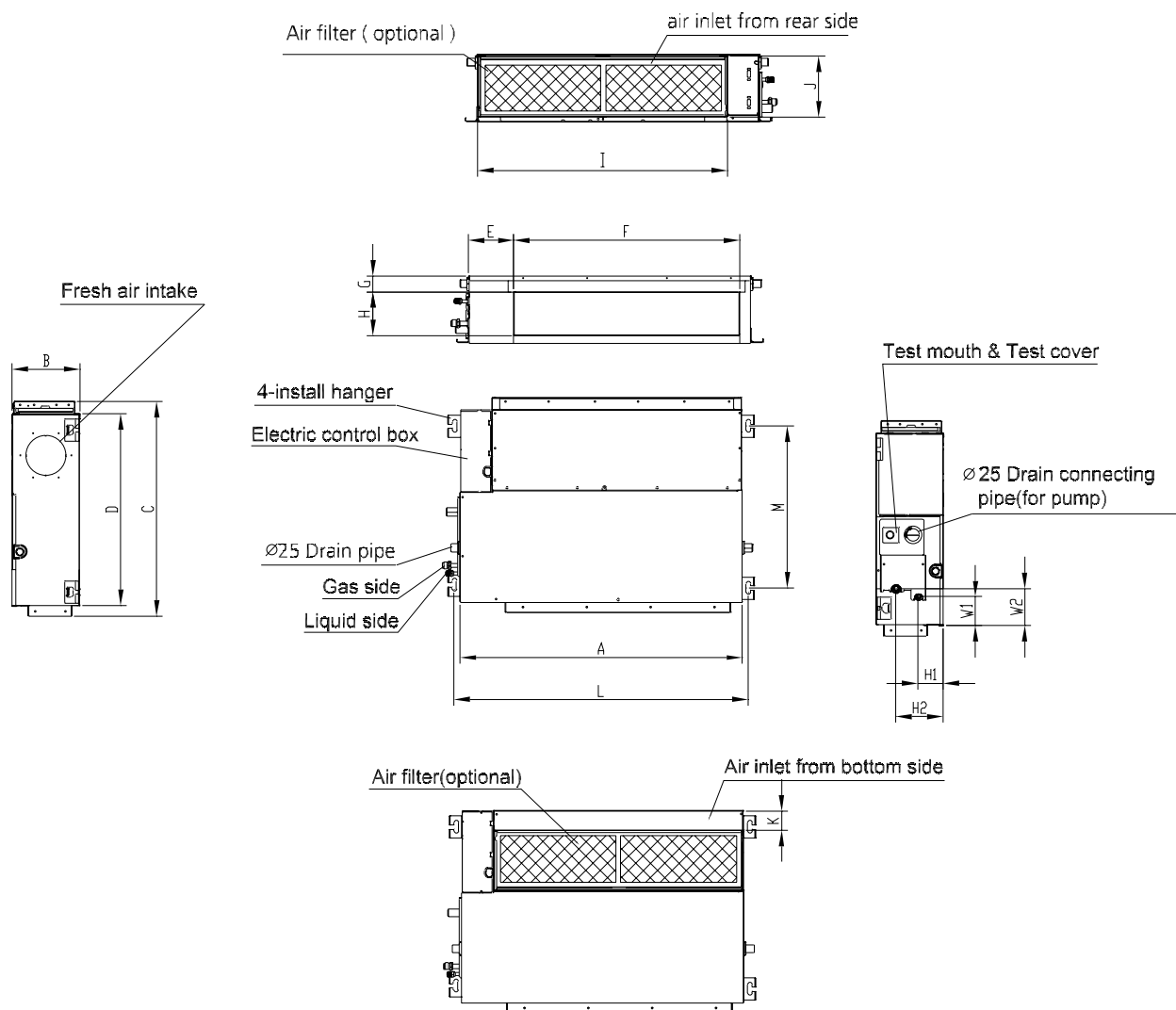
## 1.5 Easy Clean

You can pull out the filter from left, right, or from the bottom for easy cleaning.



# Dimensional Drawings

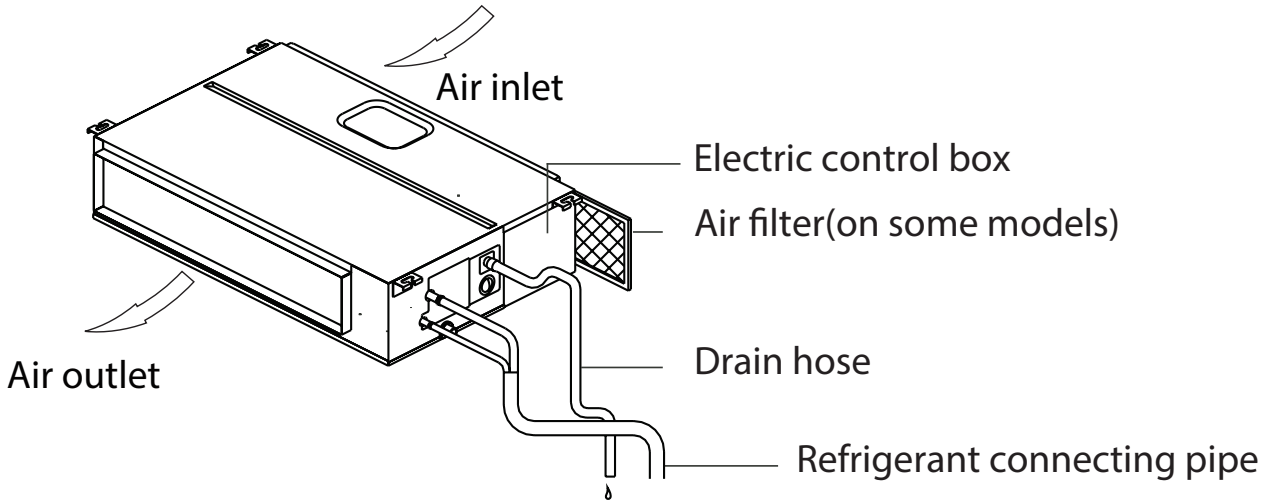
## 2. Dimensional Drawings



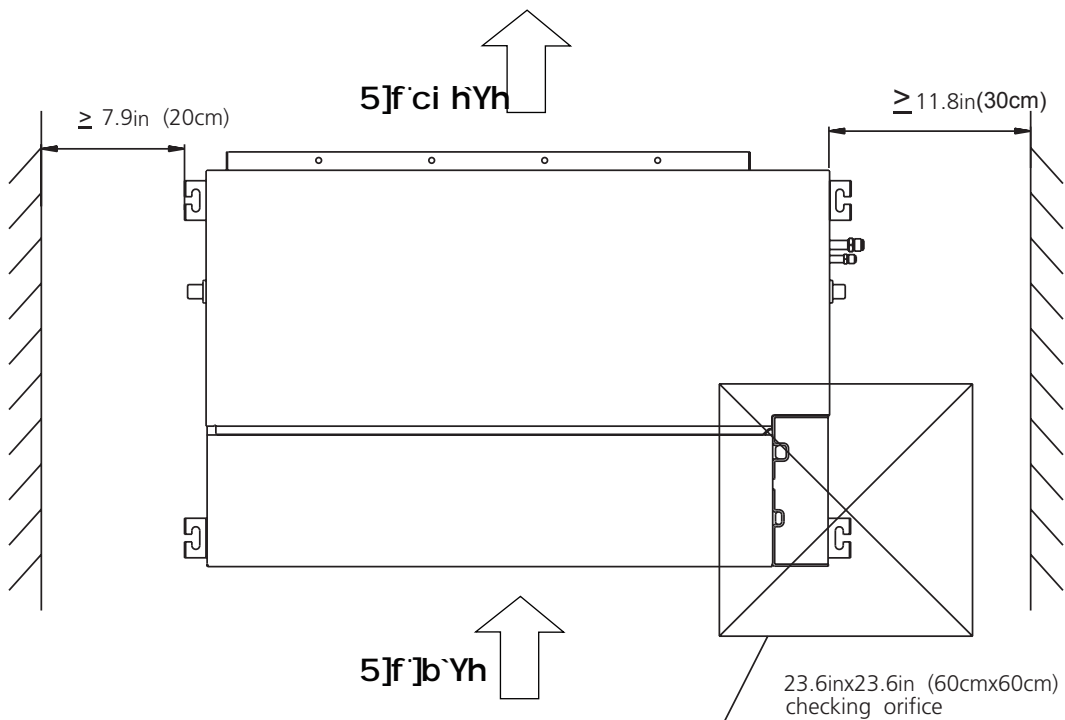
Model	unit	A	B	C	D	E	F	G	H	I	J	K	L	M	H1	H2	W1	W2
18	mm	880	210	674	600	140	706	50	136	782	190	40	920	508	78	148	88	112
	inch	34.65	8.27	26.54	23.62	5.51	27.8	1.97	5.35	30.79	7.48	1.57	36.22	20	3.07	5.83	3.46	4.41
24	mm	1100	249	774	700	140	926	50	175	1001	228	5	1140	598	80	150	130	155
	inch	43.31	9.80	30.47	27.56	5.51	36.46	1.97	6.89	39.41	8.98	0.2	44.88	23.54	3.15	5.91	5.12	6.10
31	mm	1200	300	874	800	123	1044	50	227	1101	280	5	1240	697	80	150	185	210
	inch	47.24	11.81	34.41	31.5	4.84	41.1	1.97	8.94	43.35	11.02	0.2	48.82	27.44	3.15	5.91	7.28	8.27

# Part Names/Service Place

## 3. Part names



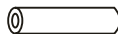

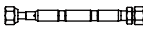




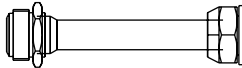
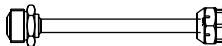
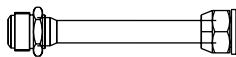
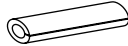

## 4. Service Place



# Accessories

## 5. Accessories

The air conditioning system comes with the following accessories. Use all of the installation parts and accessories to install the air conditioner. Improper installation may result in water leakage, electrical shock and fire, or equipment failure.

	Name	Shape	Quantity
Tubing & Fittings	Soundproof / insulation sheath		2
	Seal sponge (some models)		1
	Orifice (some models)		1
Drainpipe Fittings (for cooling & heating)	Drain joint (some models)		1
	Seal ring (some models)		1
EMC Magnetic Ring (some models)	Magnetic ring(Wrap the electric wires S1 & S2 ( P & Q & E ) around the magnetic ring twice)	 S1&S2(P&Q&E)	1
	Magnetic ring(Hitch on the connective cable between the indoor unit and outdoor unit after installation.)		1
Others	Owner's manual&Installation manual	-	1
	Transfer connector( $\phi 12.7$ - $\phi 15.9$ )/( $\phi 0.5$ in- $\phi 0.63$ in)(Packed with the indoor unit )  NOTE: Pipe size may differ from appliance to appliance. To meet different pipe size requirements, sometimes the pipe connections need a transfer connector installed on the outdoor unit.		1 (on some models)
	Transfer connector( $\phi 6.35$ - $\phi 9.52$ )/( $\phi 0.25$ in- $\phi 0.375$ in)(Packed with the indoor unit )  NOTE: Pipe size may differ from appliance to appliance. To meet different pipe size requirements, sometimes the pipe connections need a transfer connector installed on the outdoor unit.		1 (on some models)
	Transfer connector( $\phi 9.52$ - $\phi 12.7$ )/( $\phi 0.375$ in- $\phi 0.5$ in)(Packed with the indoor unit )  NOTE: Pipe size may differ from appliance to appliance. To meet different pipe size requirements, sometimes the pipe connections need a transfer connector installed on the outdoor unit.		1 (on some models)
	Connecting wire for display (2m)	-	1(on some models)
	Cord protection rubber ring		1(on some models)
	Display panel  *Just for testing purposes only		1(on some models- KJR-120G,KJR-120H)

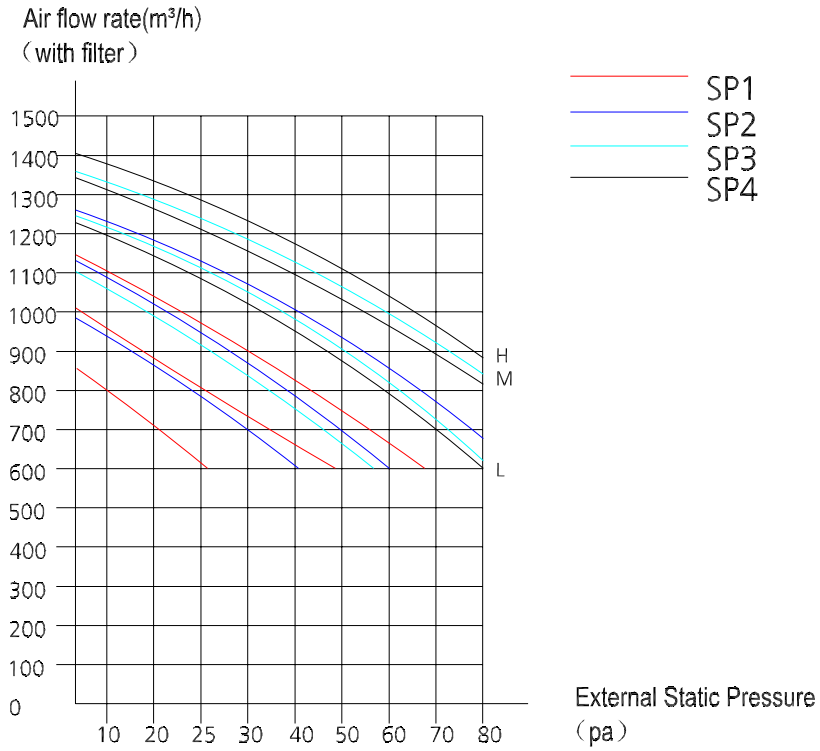
Optional accessories:

- There are two types of remote controls: wired and wireless.
- Select a remote controller based on customer preferences and requirements and install in an appropriate place.
- Refer to catalogues and technical literature for guidance on selecting a suitable remote controller.

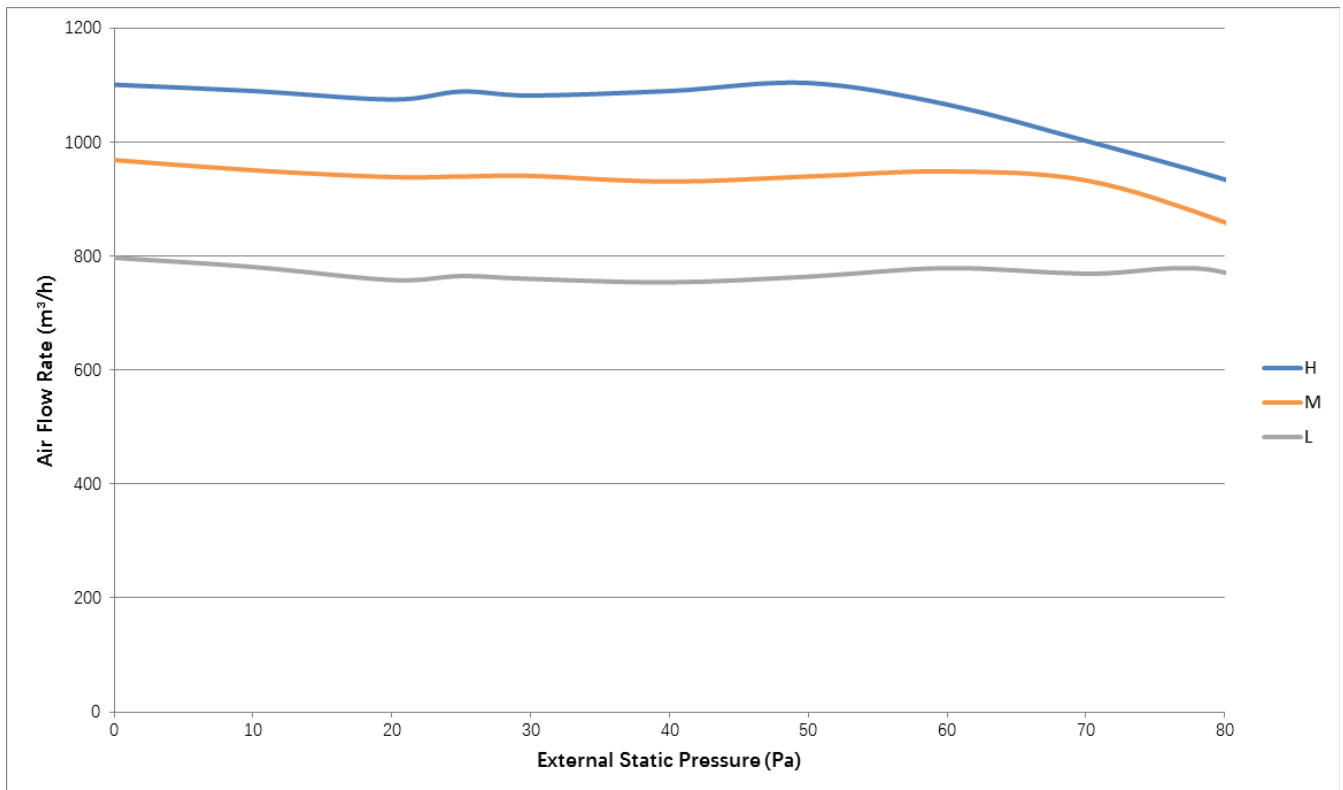
# Fan Performance

## 6. Fan Performance

18k



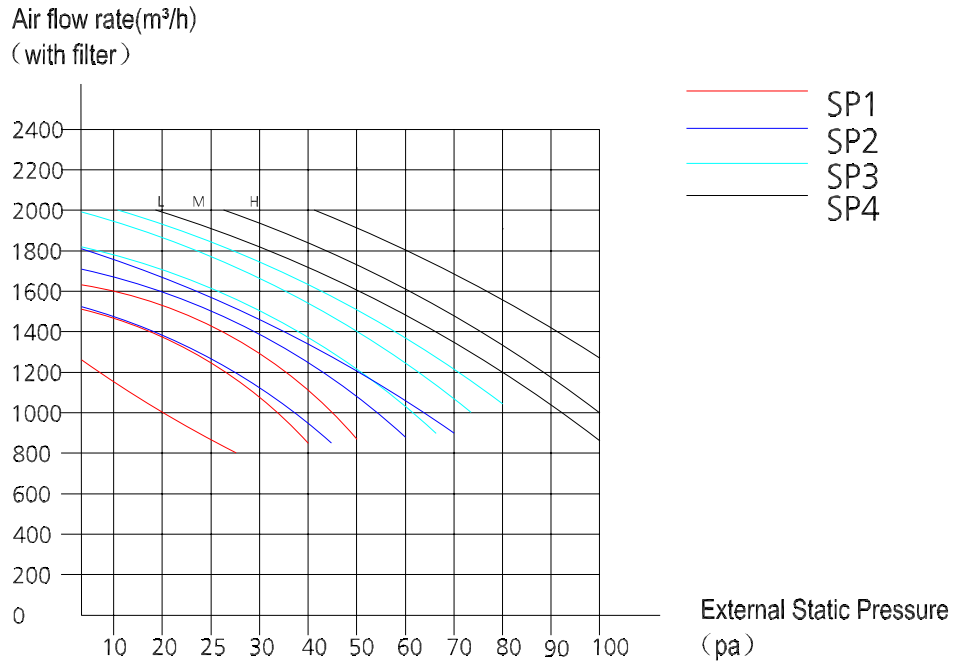
### Constant air volume



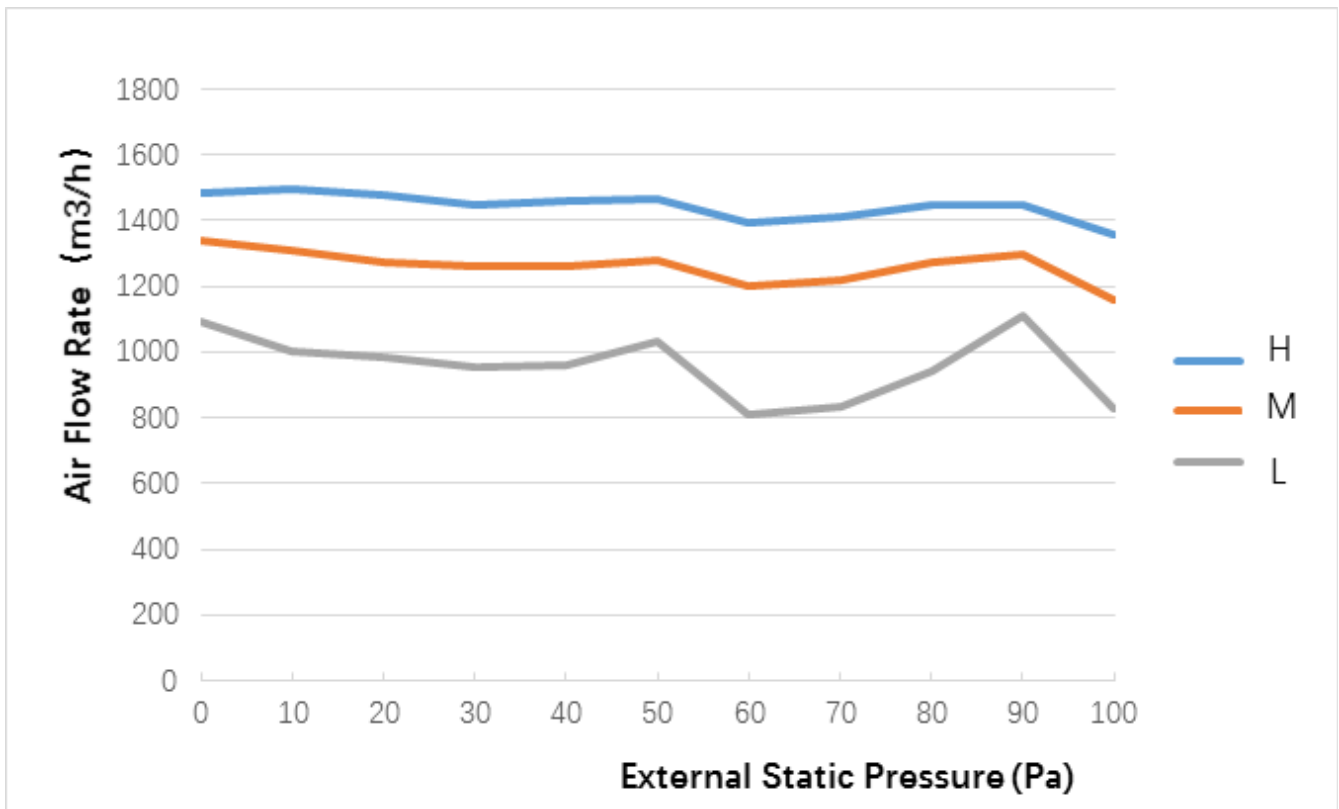


# Fan Performance

24k

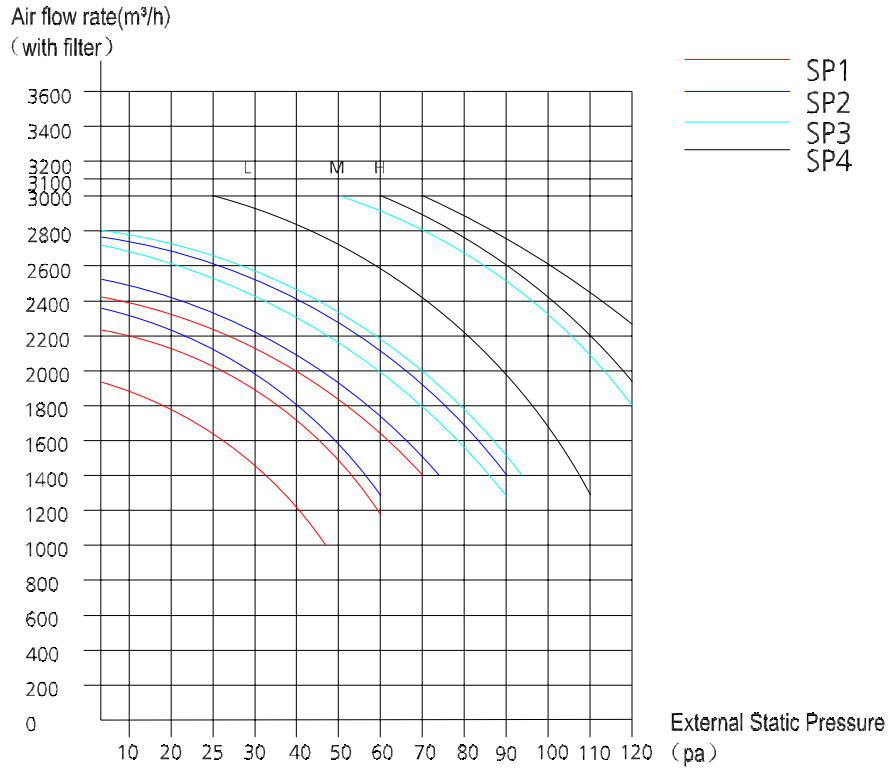


Constant air volume

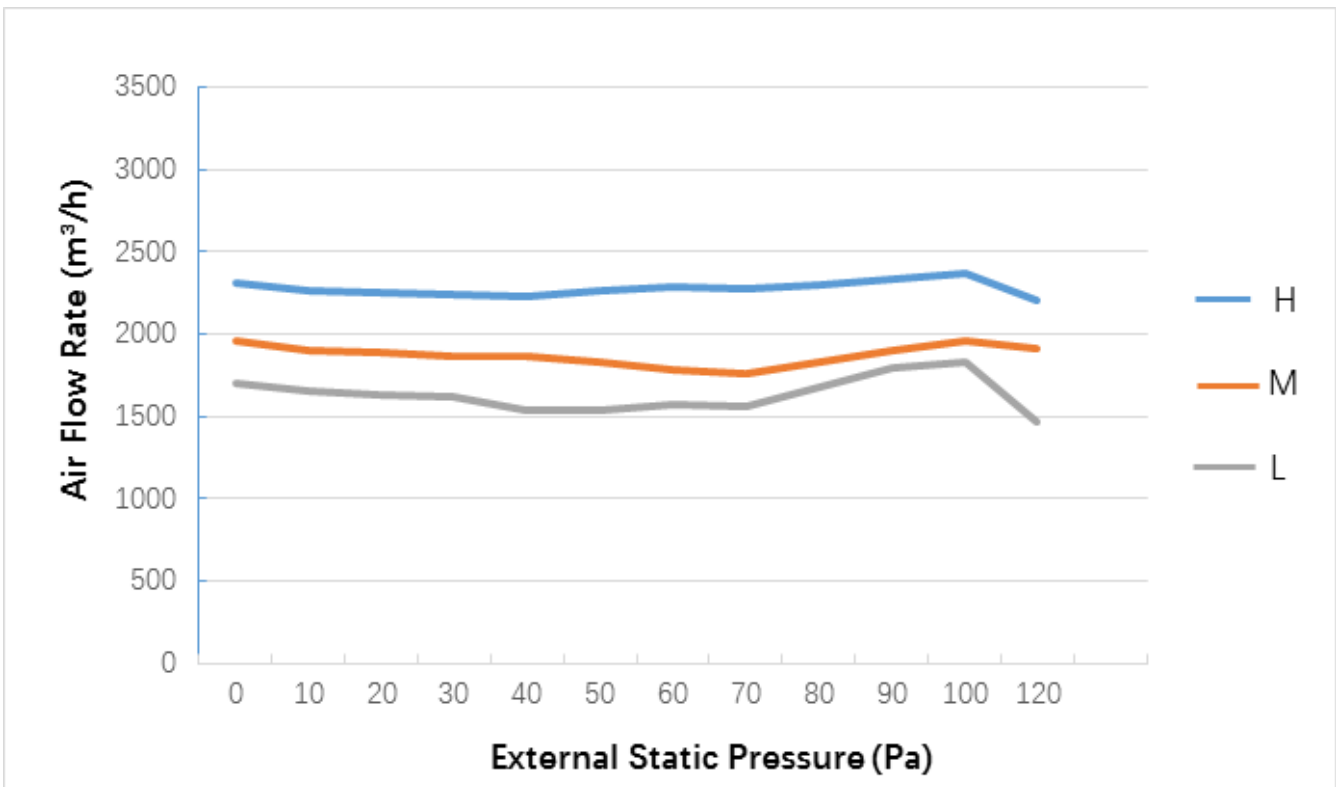


# Fan Performance

36k



Constant air volume

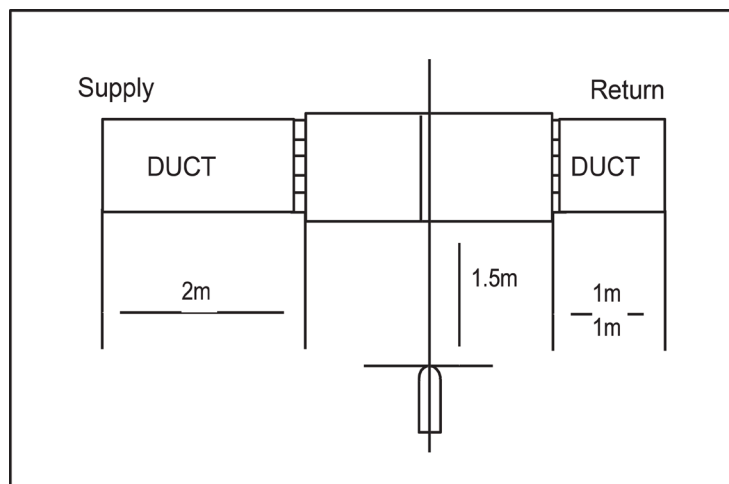


# Noise Criterion Curves

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## 8. Noise Criterion Curves

### 8.1 Indoor Unit

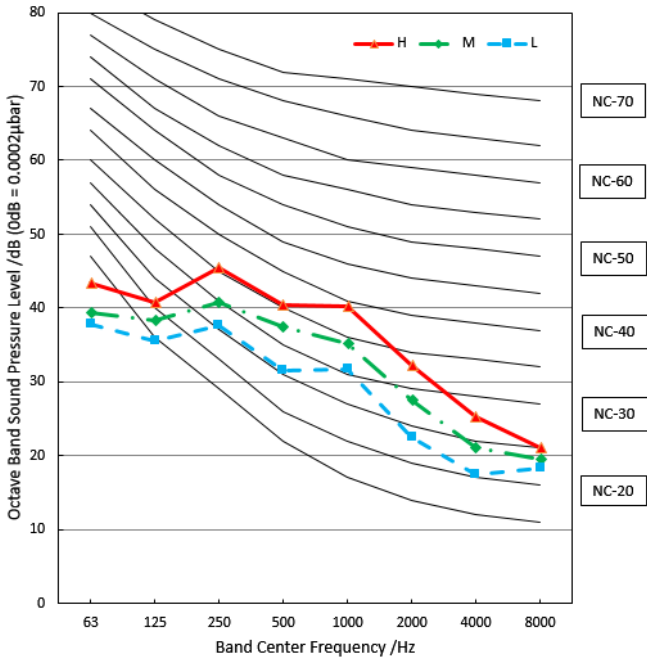


#### Notes:

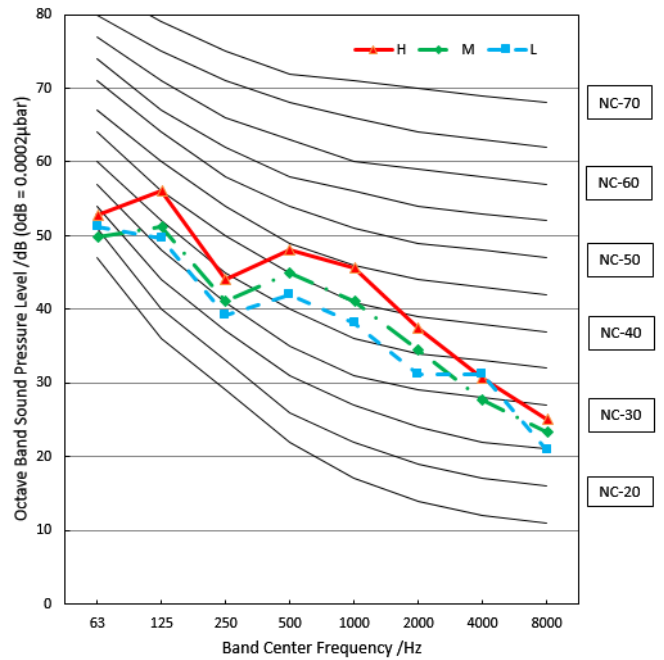
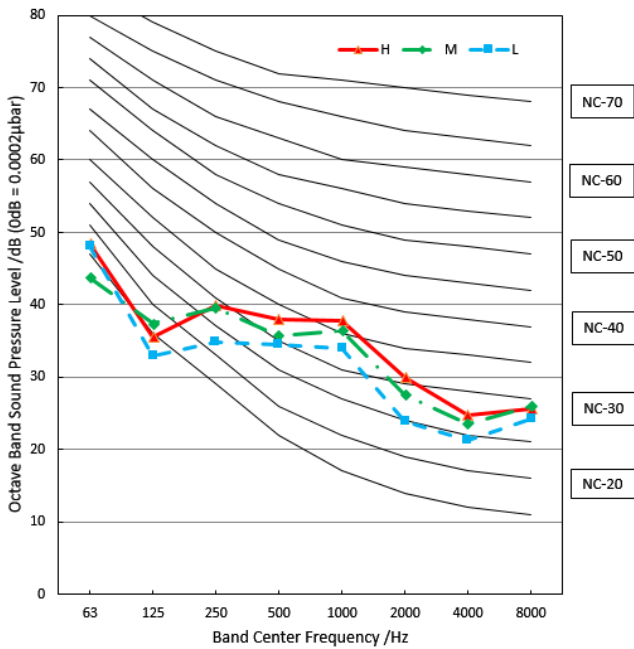
- Sound measured at 1.5m away from the center of the unit.
- Data is valid at free field condition
- Data is valid at nominal operation condition
- Reference acoustic pressure  $OdB = 20\mu Pa$
- Sound level will vary depending on a range of factors such as the construction -(acoustic absorption coefficient) of particular room in which the equipment is installed.
- The operating conditions are assumed to be standard.

# Noise Criterion Curves

18k



24k



# Electrical Characteristics/Wiring Diagrams

## 9. Electrical Characteristics

Capacity (Btu/h)		18k	24k	31k
Outdoor Unit Power	Phase	1-phase	1-phase	1-phase
	Frequency and Voltage	230V, 50/60Hz	230V, 50/60Hz	230V, 50/60Hz
	Power Wiring (mm <sup>2</sup> )	3×2.5	3×2.5	3×4.0
	Circuit Breaker/ Fuse (A)	25/20	25/20	50/40
Indoor/Outdoor Connecting Wiring	Weak Electric Signal) (mm <sup>2</sup> )	/	/	/
	Strong Electric Signal(mm <sup>2</sup> )	4×1.0	4×1.0	4×1.0

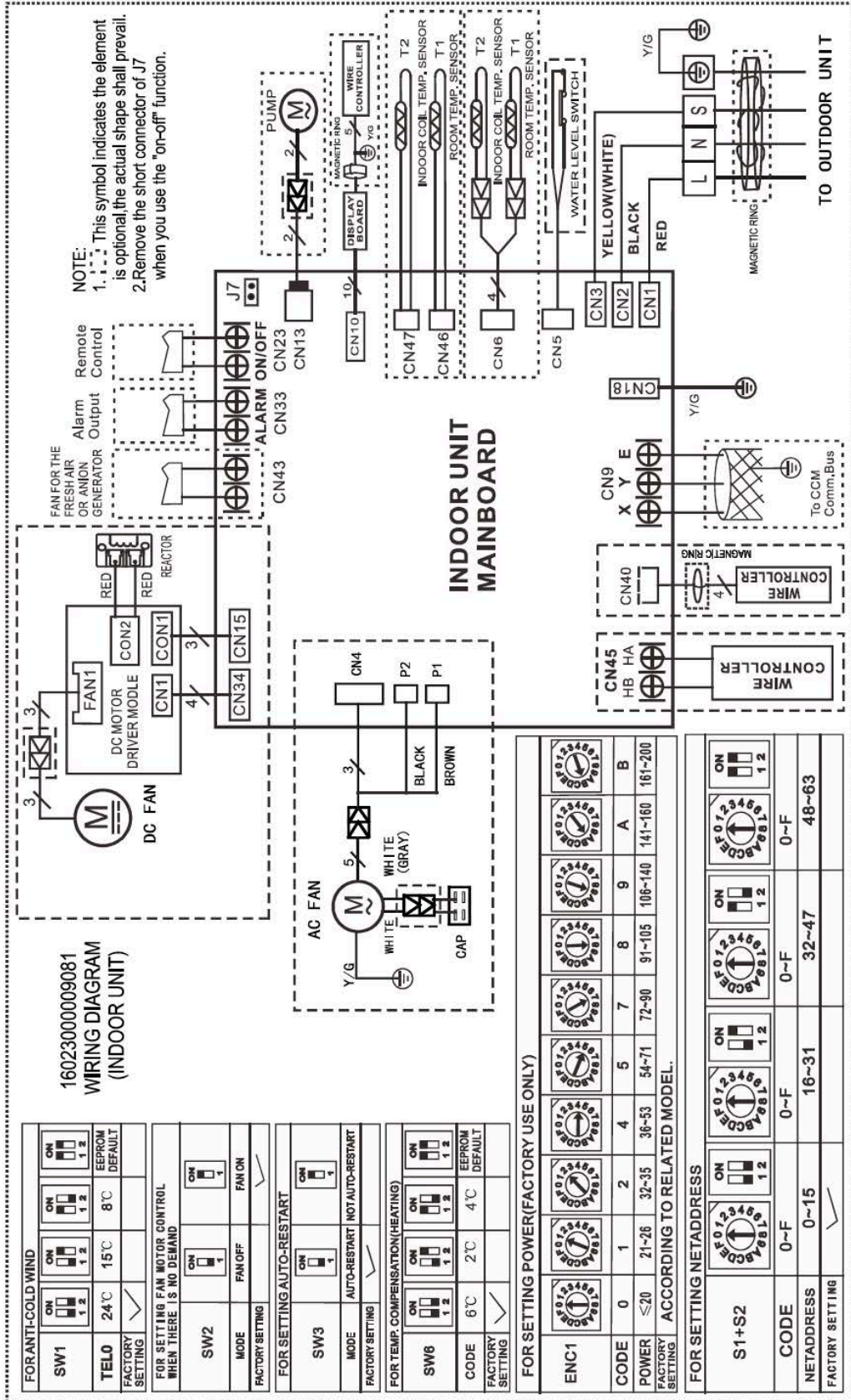
## 10. Electrical Wiring Diagrams

IDU Capacity (Btu/h)	IDU Wiring Diagram
18k/24k	16023000009081
36k	16023000010754

Abbreviation	Paraphrase
Y/G	Yellow-Green Conductor
CAP	Indoor Fan Capacitor
AC FAN	Alternating Current Fan
DC FAN	Direct Current FAN
PUMP	PUMP
L	LIVE
N	NEUTRAL
TO CCM Comm.Bus	Central Controller
T1	Indoor Room Temperature
T2	Coil Temperature of Indoor Heat Exchanger
P1	Super High Speed

# Electrical Wiring Diagrams

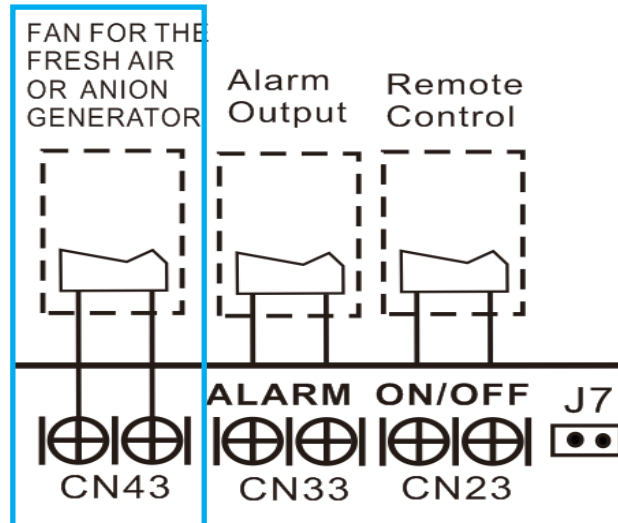
Indoor unit wiring diagram: 16023000009081





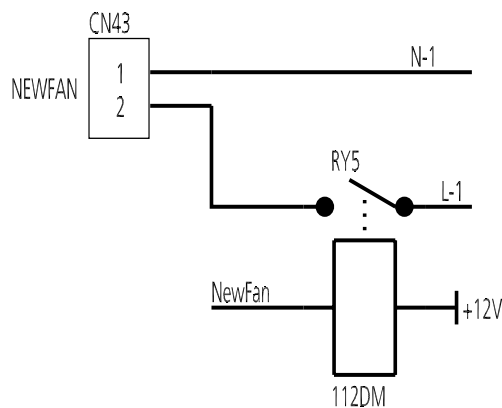
# Electrical Wiring Diagrams

## 10.1 Some connectors introduce:



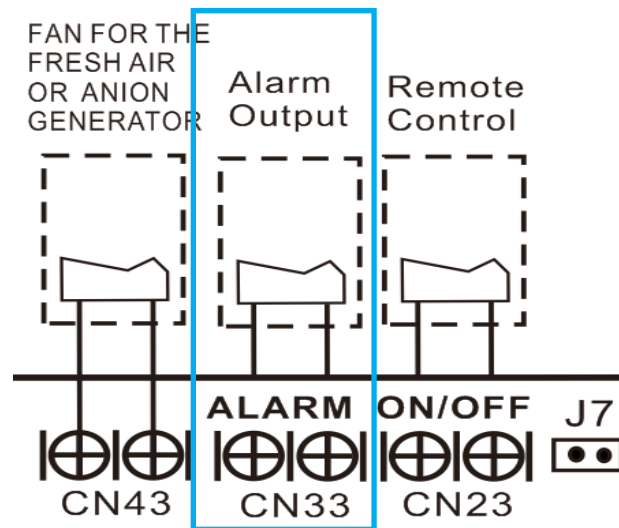
A.. For new fresh motor terminal port (also for Anion generator) CN43:

1. . Connect the fan motor to the port, no need care L/N of the motor;
2. . The output voltage is the power supply
3. . The fresh motor can not exceed 200W or 1A, follow the smaller one;
4. . The new fresh motor will be worked when the indoor fan motor work; when the indoor fan motor stops, the new fresh motor would be stopped;
5. . When the unit enters force cooling mode or capacity testing mode, the fresh motor isn't work.



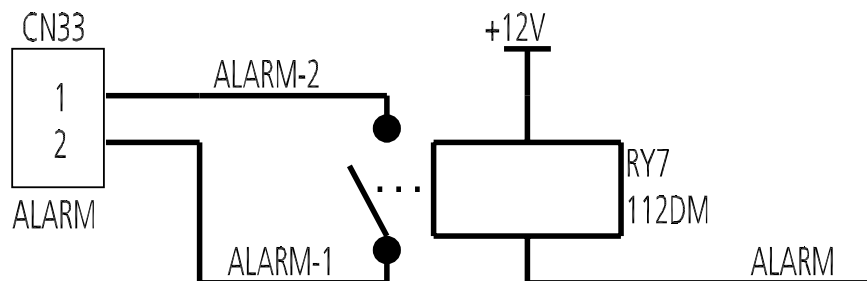


## Electrical Wiring Diagrams

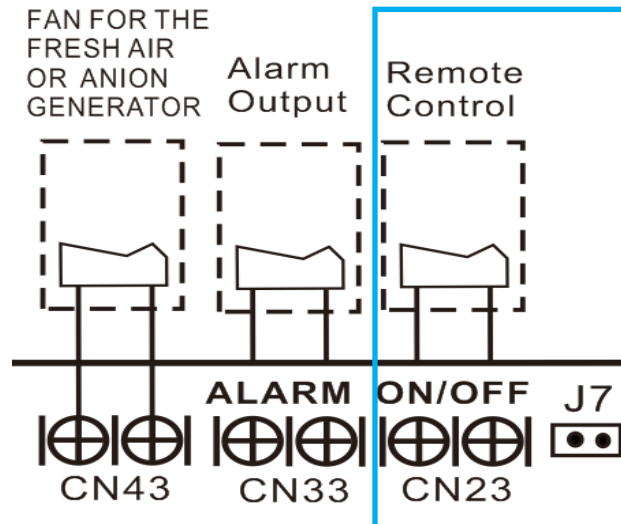


B For ALARM terminal port CN33

1. Provide the terminal port to connect ALARM, but no voltage of the terminal port, the power from the ALARM system (not from the unit);
2. . Although design voltage can support higher voltage, but we strongly ask you connect the power less than 24V, current less than 0.5A;
3. . When the unit occurs the problem, the relay would be closed, then ALARM works.

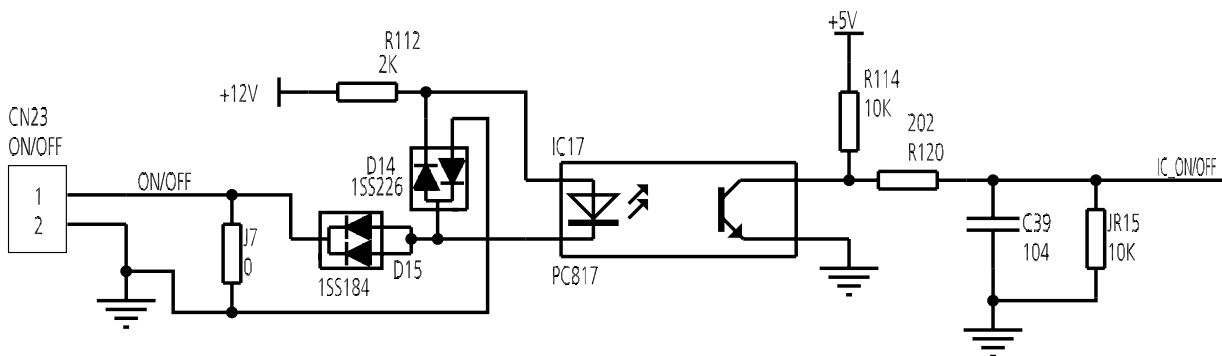


# Electrical Wiring Diagrams




C. For remote control (ON-OFF) terminal port CN23 and short connector of J7

1. Remove the short connector of J7 when you use ON-OFF function
2. When remote switch off (OPEN); the unit would be off;
3. When remote switch on (CLOSE); the unit would be on;
4. When close/open the remote switch, the unit would be responded the demand within 2 seconds;
5. When the remote switch on, you can use remote controller/ wire controller to select the mode what you want; when the remote switch off, the unit would not respond the demand from remote controller/wire controller. when the remote switch off, but the remote controller/wire controller are on, CP code would be shown on the display board.
6. The voltage of the port is 12V DC, design Max. current is 5mA.



# Electrical Wiring Diagrams

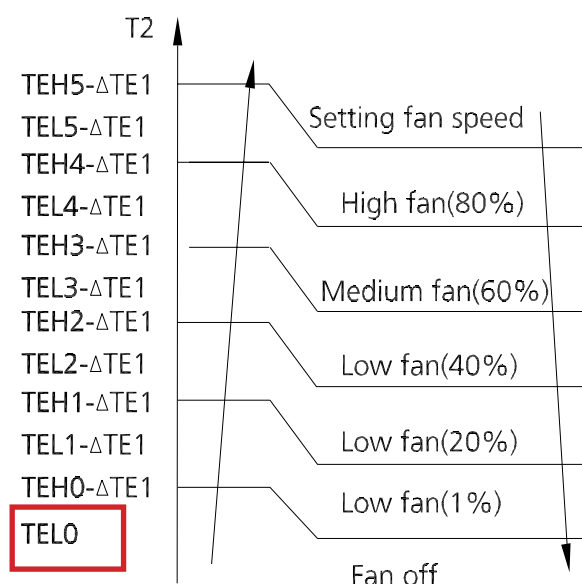

## 10.2 Micro-Switch Introduce:



FOR ANTI-COLD WIND				
SW1				
TELO	24°C	15°C	8°C	EEPROM DEFAULT
FACTORY SETTING	✓			

A. Micro-switch SW1 is for selection of indoor fan stop temperature (TELO) when it is in anti-cold wind action in heating mode.


Range: 24°C, 15°C, 8°C, according to EEPROM setting (reserved for special customizing).

FOR SETTING FAN MOTOR CONTROL WHEN THERE IS NO DEMAND		
SW2		
MODE	FAN OFF	FAN ON
FACTORY SETTING	✓	

B. Micro-switch SW2 is for selection of indoor FAN ACTION if room temperature reaches the set point and the compressor stops.


Range: OFF (in 127s), Keep running.



FOR SETTING AUTO-RESTART		
SW3		
MODE	AUTO-RESTART	NOT AUTO-RESTART
FACTORY SETTING	✓	

# Electrical Wiring Diagrams

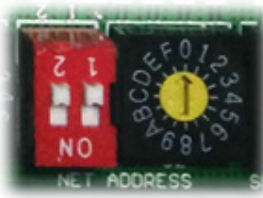
C. Micro-switch SW3 is for selection of auto-restart function. Range: Active, inactive



FOR TEMP. COMPENSATION(HEATING)				
SW6				
CODE	6°C	2°C	4°C	EEPROM DEFAULT
FACTORY SETTING	<input checked="" type="checkbox"/>			

D. Micro-switch SW6 is for selection of temperature compensation in heating mode. This helps to reduce the real temperature difference between ceiling and floor so that the unit could run properly. If the height of installation is lower, smaller value could be chosen.


Range: 6°C, 4°C, 2°C, E function (reserved for special customizing)



FOR SETTING NETADDRESS				
S1+S2				
CODE	0~F		0~F	
NETADDRESS	0~15		16~31	
FACTORY SETTING	<input checked="" type="checkbox"/>			

E. Micro-switch S1 and dial-switch S2 are for address setting when you want to control this unit by a central controller.

Range: 00-63




FOR SETTING POWER(DC MOTOR MODEL ONLY)										
ENC1										
CODE	0	1	2	4	5	7	8	9	A	B
POWER	20	26	32~35	36~53	54~71	72~90	91~105	106~140	141~160	161~200
FACTORY SETTING	ACCORDING TO RELATED MODEL.									

F. Dial-switch ENC1: The indoor PCB is universal designed for whole series units from 7K to 68K. This ENC1 setting will tell the main program what size the unit is.

NOTE: Usually there is glue on it because the switch position cannot be changed at random unless you want to use this PCB as a spare part to use in another unit. Then you have to select the right position to match the size of the unit.

“20” means 2kW (7K), “105” means 10.5kW(36K), and so on.



FOR MAIN-SLAVE SETTING				
SW5				
MODE	MAIN NO SLAVE	MAIN	MAIN	SLAVE
FACTORY SETTING	<input checked="" type="checkbox"/>			

G. Micro-switch SW5 is for setting the master or slave unit when the unit is in twin connection.

Range: Master no slave (Normal 1 drive 1 connection), Master (2 positions without difference), Slave

# Indoor Unit–High Static Pressure Duct - 4 to 5 Tons

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Service Place	57
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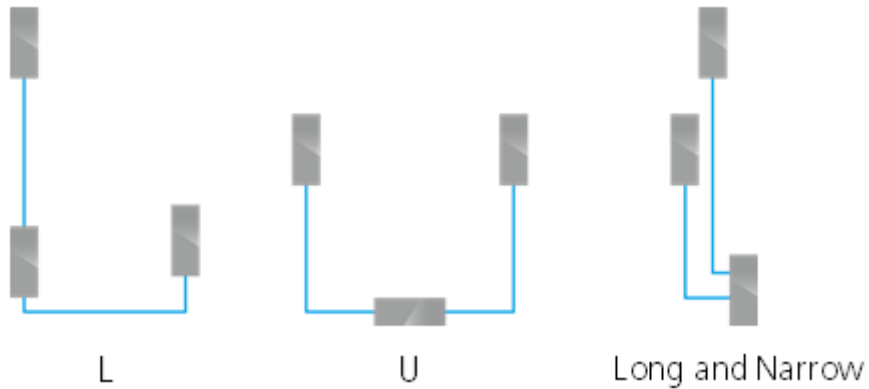
# Feature

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## 1. Feature

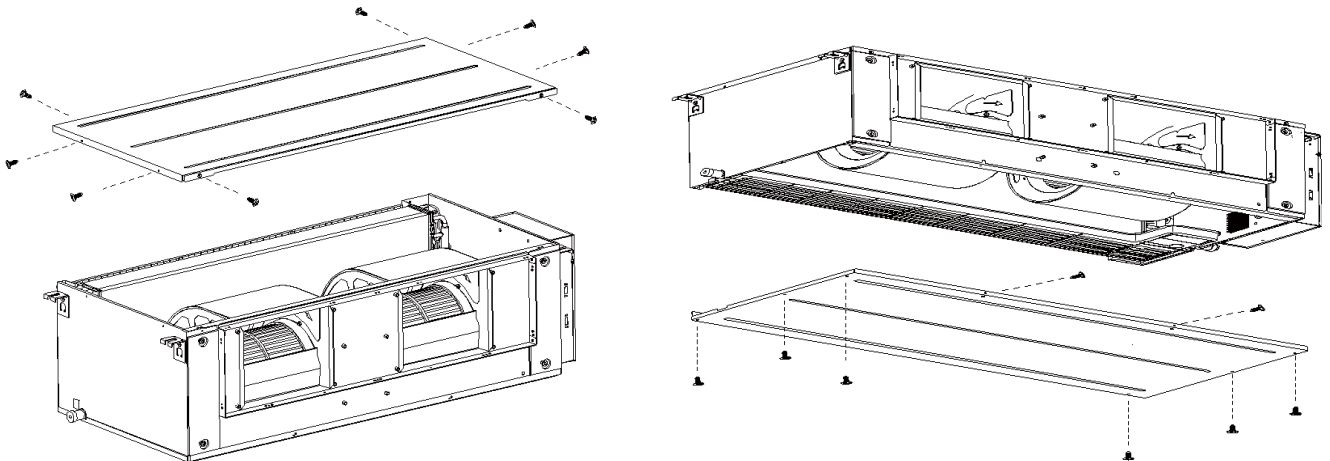
### 1.1 Flexible Installation

- Different kinds of installation methods can be applied to various shapes of room.



### 1.2 Easy Maintenance

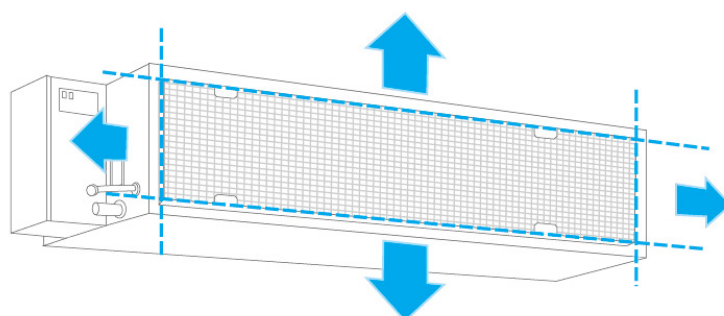
- The unit can be opened from top or bottom.



- The air outlet flange is isolated from either top panel or base panel, which makes the maintenance much easier when connecting duct.

### 1.3 Easy Cleaning Filter

- The filter can be easily removed or installed from the rear side for ease of cleaning.

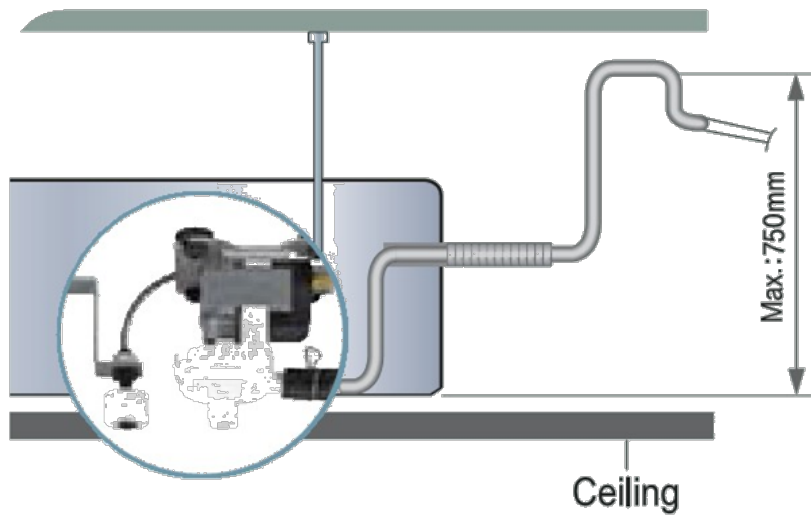


## Feature

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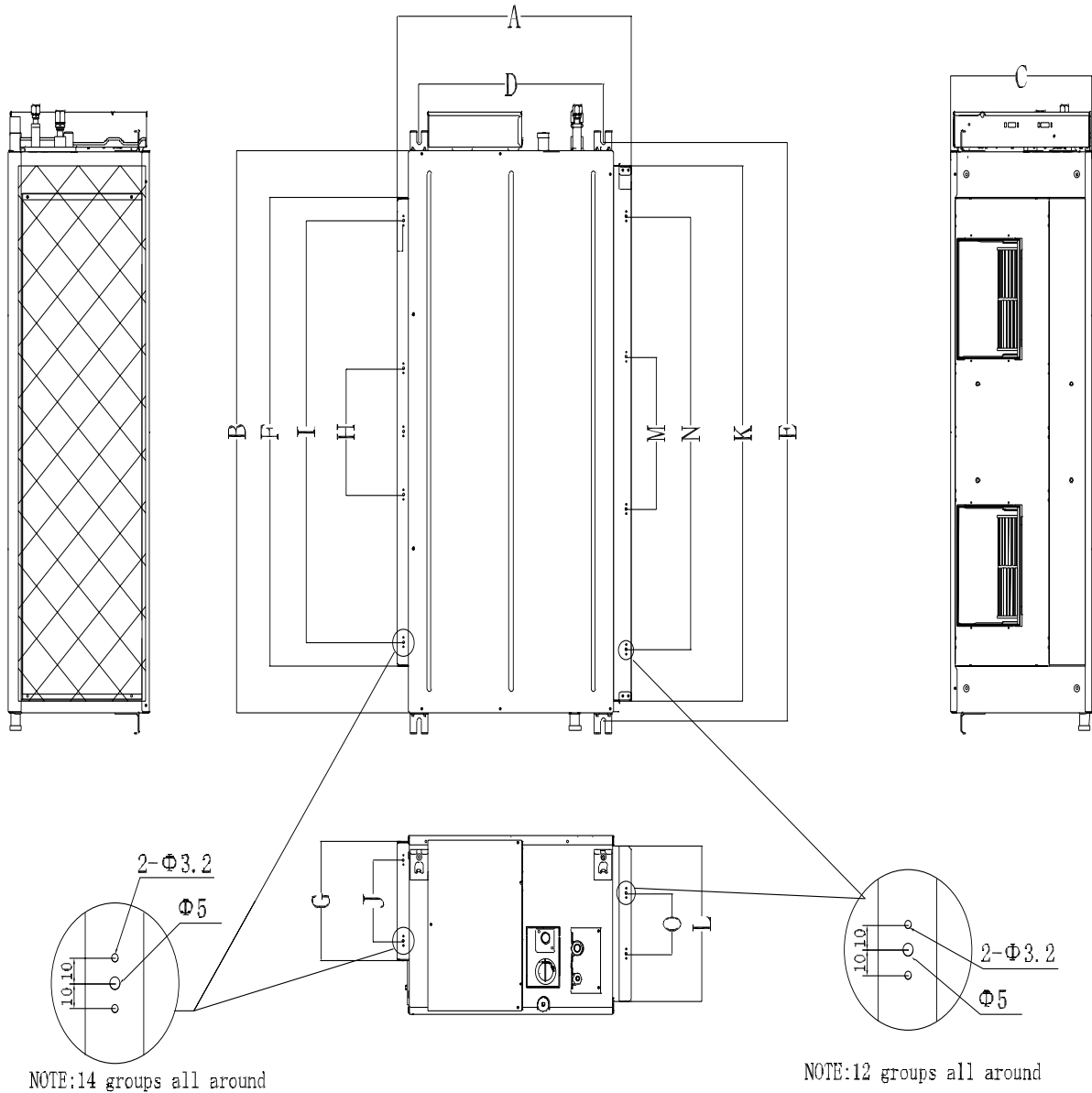
### 1.4 Built-in Drain Pump (optional)

- Built-in drain pump can lift the water up to 750mm height, which widens the drainage piping range.



# Dimensional Drawings

## 2. Dimensional Drawings



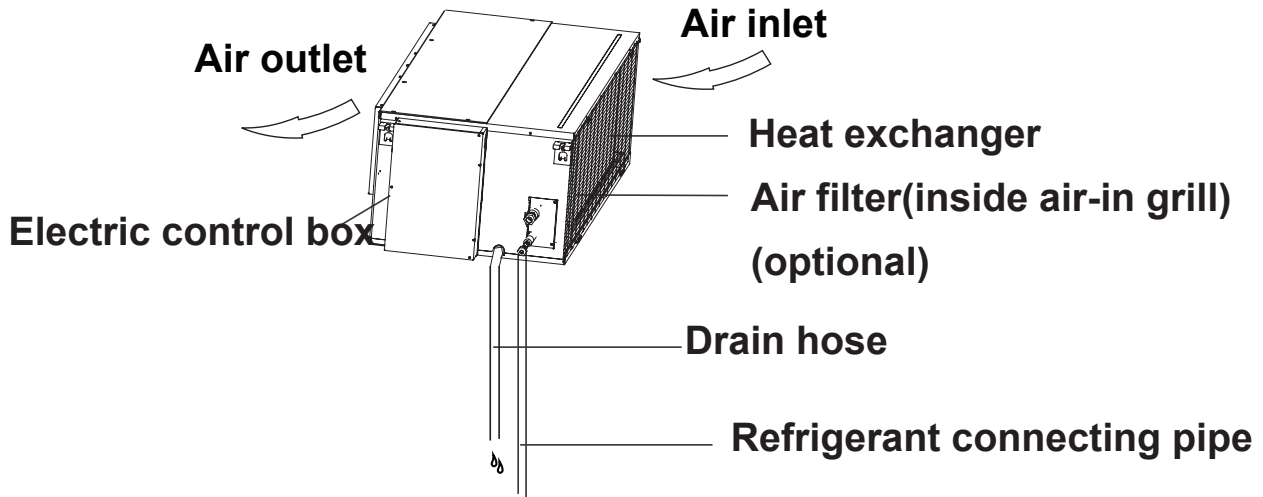
Model (kBtu/h)	unit	Outline dimension			Size of mounted lug		Air outlet opening size(symmetry of air outlet opening)					Air inlet opening size(symmetry of air inlet opening)				
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
48	mm	625	1200	380	495	1236	1000	253	270	900	170	1145	334	325	925	130
	inch	24.61	47.24	14.96	19.49	48.66	39.37	9.96	10.63	35.43	6.69	45.08	13.15	12.8	36.42	5.12
55	mm	858	1400	440	700	1436	1188	385	500	1000	280	1188	385	500	1000	280
	inch	33.78	55.12	17.32	27.56	56.54	46.77	15.16	19.69	39.37	11.02	46.77	15.16	19.69	39.37	11.02



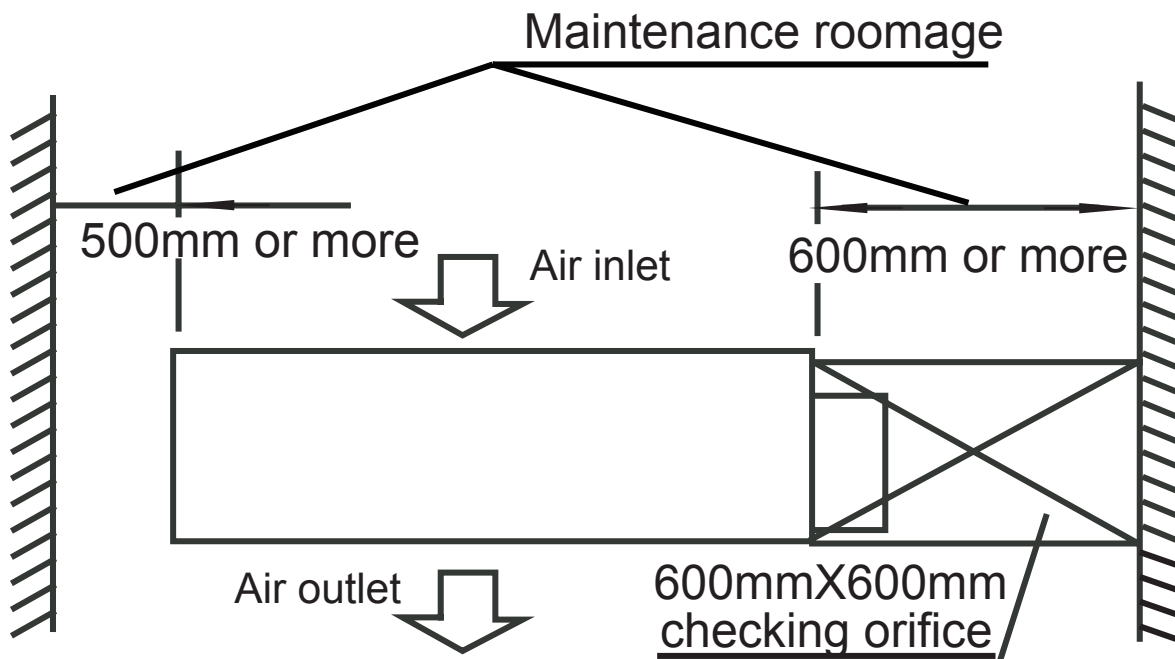
## Part names/Service Place

---

### 3. Part names



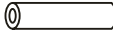

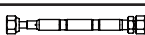




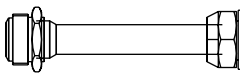

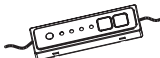





### 4. Service Place



# Accessories

## 5. Accessories

The air conditioning system comes with the following accessories. Use all of the installation parts and accessories to install the air conditioner. Improper installation may result in water leakage, electrical shock and fire, or equipment failure.

	Name	Shape	Quantity
Tubing & Fittings	Soundproof / insulation sheath		2
	Seal sponge (some models)		1
	Orifice (some models)		1
Drainpipe Fittings (for cooling & heating)	Drain joint (some models)		1
	Seal ring (some models)		1
EMC Magnetic Ring (some models)	Magnetic ring(Wrap the electric wires S1 & S2 ( P & Q & E ) around the magnetic ring twice)	 S1&S2(P&Q&E)	1
	Magnetic ring(Hitch on the connective cable between the indoor unit and outdoor unit after installation.)		1
Others	Owner's manual&Installation manual	-	1
	Transfer connector (φ9.52-φ9.52)/ (φ0.375in-φ0.375in)(Packed with the indoor unit )(some models)  NOTE: Pipe size may differ from appliance to appliance. To meet different pipe size requirements, sometimes the pipe connections need a transfer connector installed on the outdoor unit.(some models)		1 (on some models)
	Copper nut (some units)	Used to make the connective pipes between indoor and outdoor units. 	2
	Duct display board subassembly (some models)		1
Remote controller & Its Frame(Match with remote controller)	Remote controller manual	-	1
	Remote controller		1
	Frame		1
	Mounting screw(ST2.9×10-C-H)		2
	Alkaline dry batteries (AM4)		2
Wire controller & Its Frame(Match with wire controller)	Wire controller		1
	Owner's manual of wire controller		1
	Wire controller installation manual		1

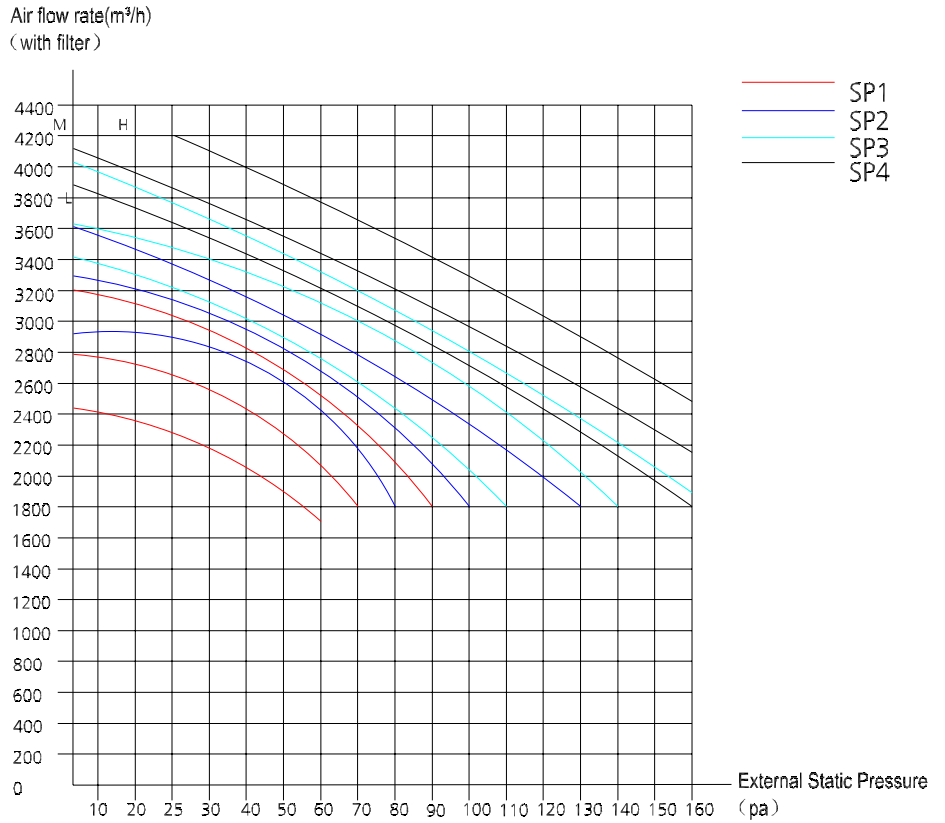
Optional accessories:

- There are two types of remote controls: wired and wireless.
- Select a remote controller based on customer preferences and requirements and install in an appropriate place.
- Refer to catalogues and technical literature for guidance on selecting a suitable remote controller.

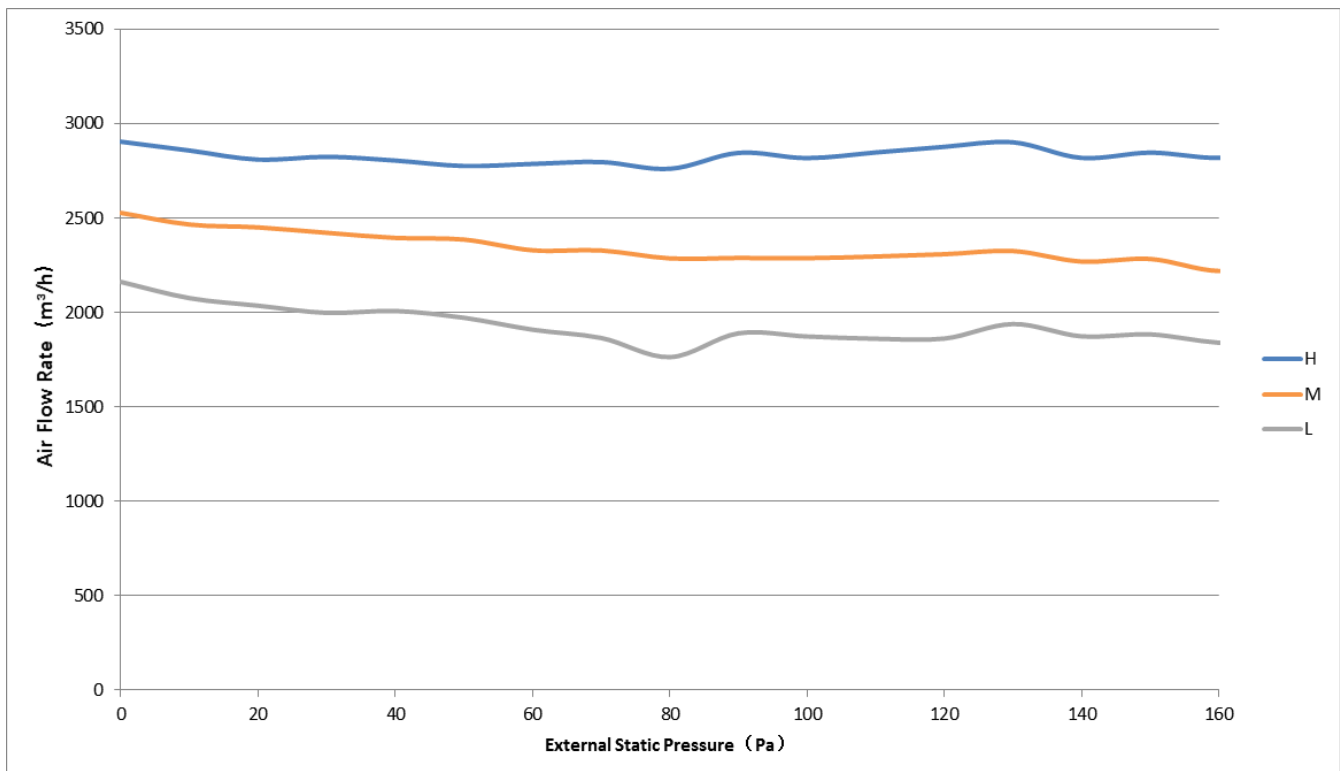
# Fan Performance

## 6. Fan Performance

48k



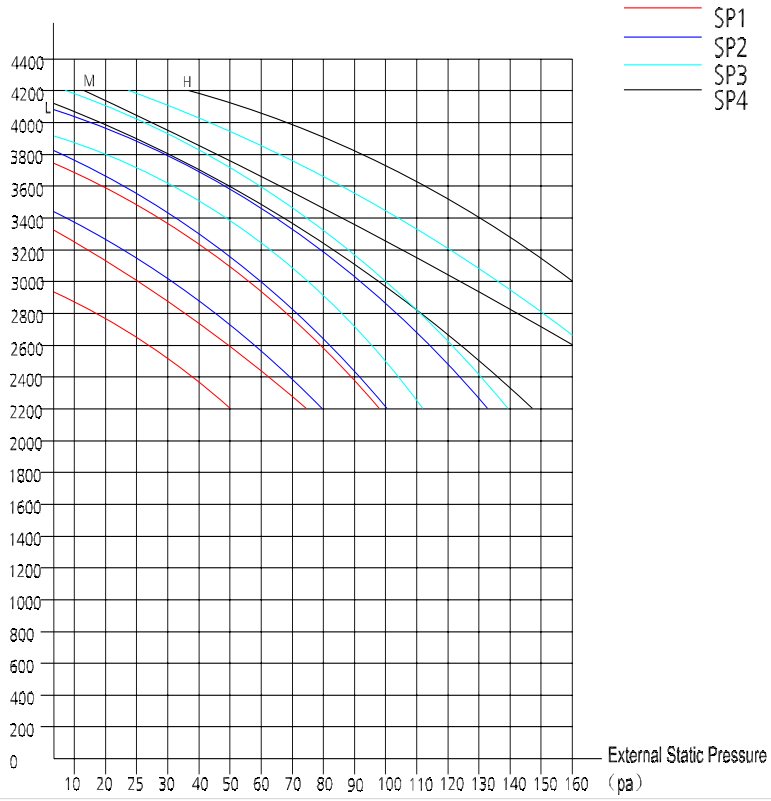
### Constant air volume



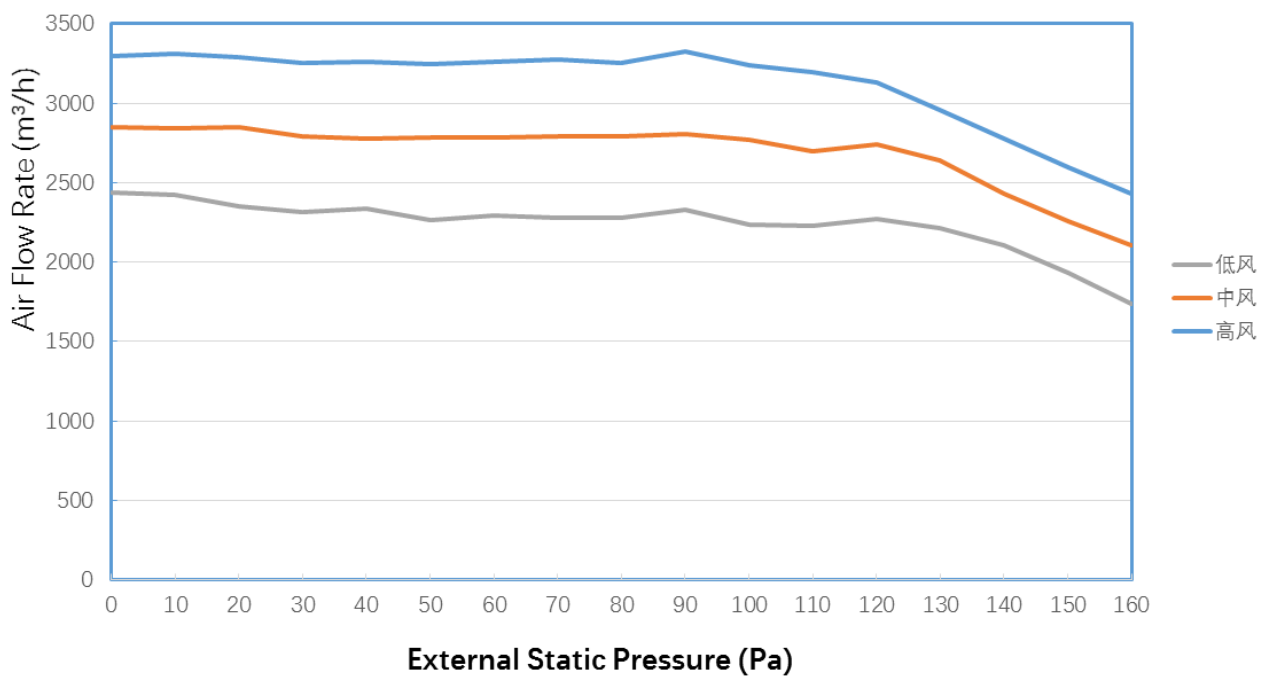
# Fan Performance

60k

Air flow rate(m<sup>3</sup>/h)  
(with filter)



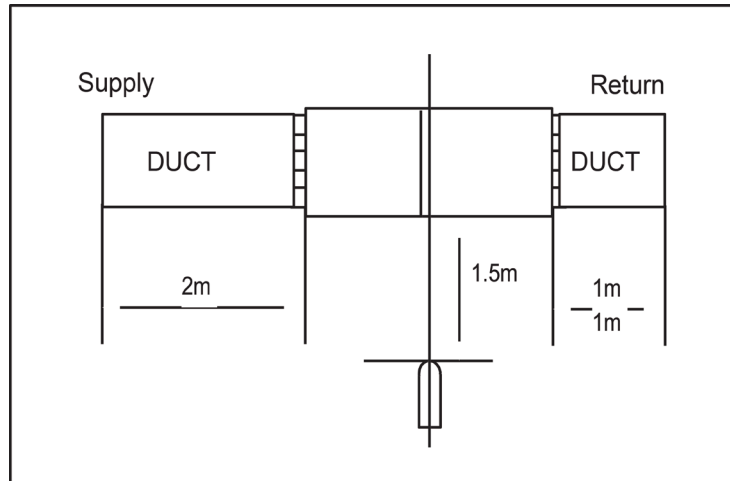
## Constant air volume



# Noise Criterion Curves

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## 6. Noise Criterion Curves

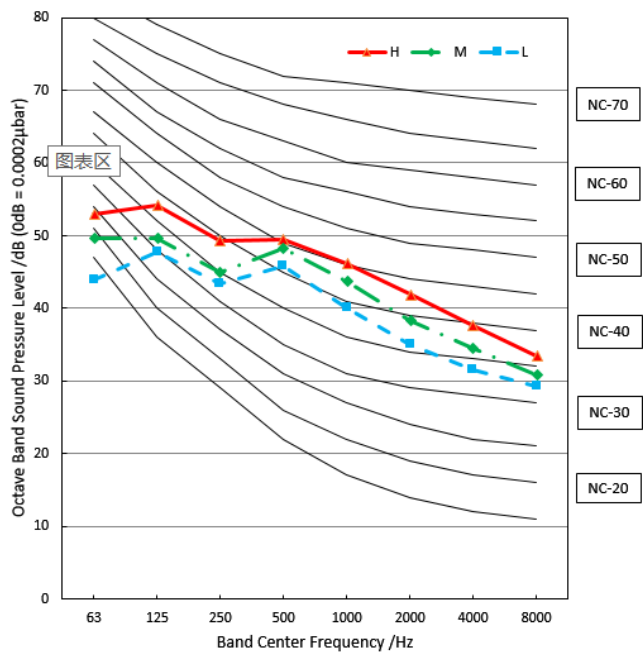


### Notes:

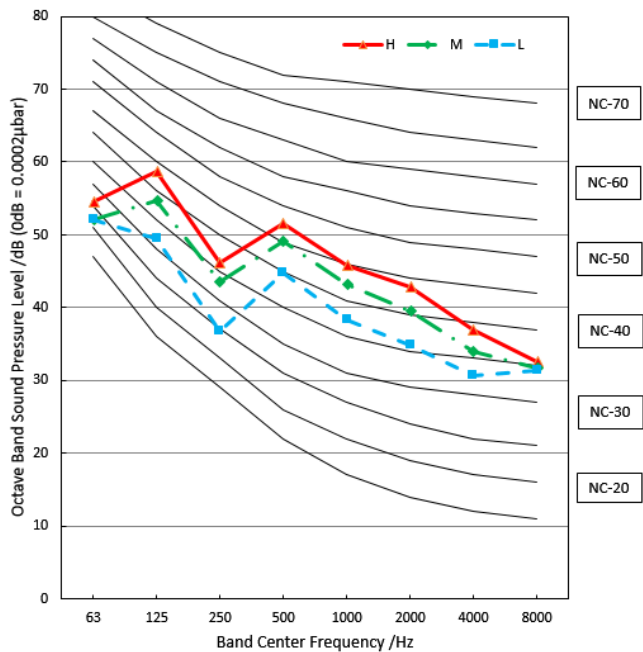
- Sound measured at 1.5m away from the center of the unit.
- Data is valid at free field condition
- Data is valid at nominal operation condition
- Reference acoustic pressure  $OdB = 20\mu Pa$
- Sound level will vary depending on a range of factors such as the construction
- (acoustic absorption coefficient) of particular room in which the equipment is installed.
- The operating conditions are assumed to be standard.

# Noise Criterion Curves

48k



60k



# Electrical Characteristics

---

## 7. Electrical Characteristics

Model		48k 60k
Outdoor Unit Power	Phase	1-phase
	Frequency and Voltage	230V, 50/60Hz
	Power Wiring (mm <sup>2</sup> )	3x6.0
	Circuit Breaker/ Fuse (A)	50/40
Indoor/Outdoor Connecting Wiring	Strong Electric Signal(mm <sup>2</sup> )	4x1.0
	Weak Electric Signal(mm <sup>2</sup> )	

# Electrical Wiring Diagrams

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## 8. Electrical Wiring Diagrams

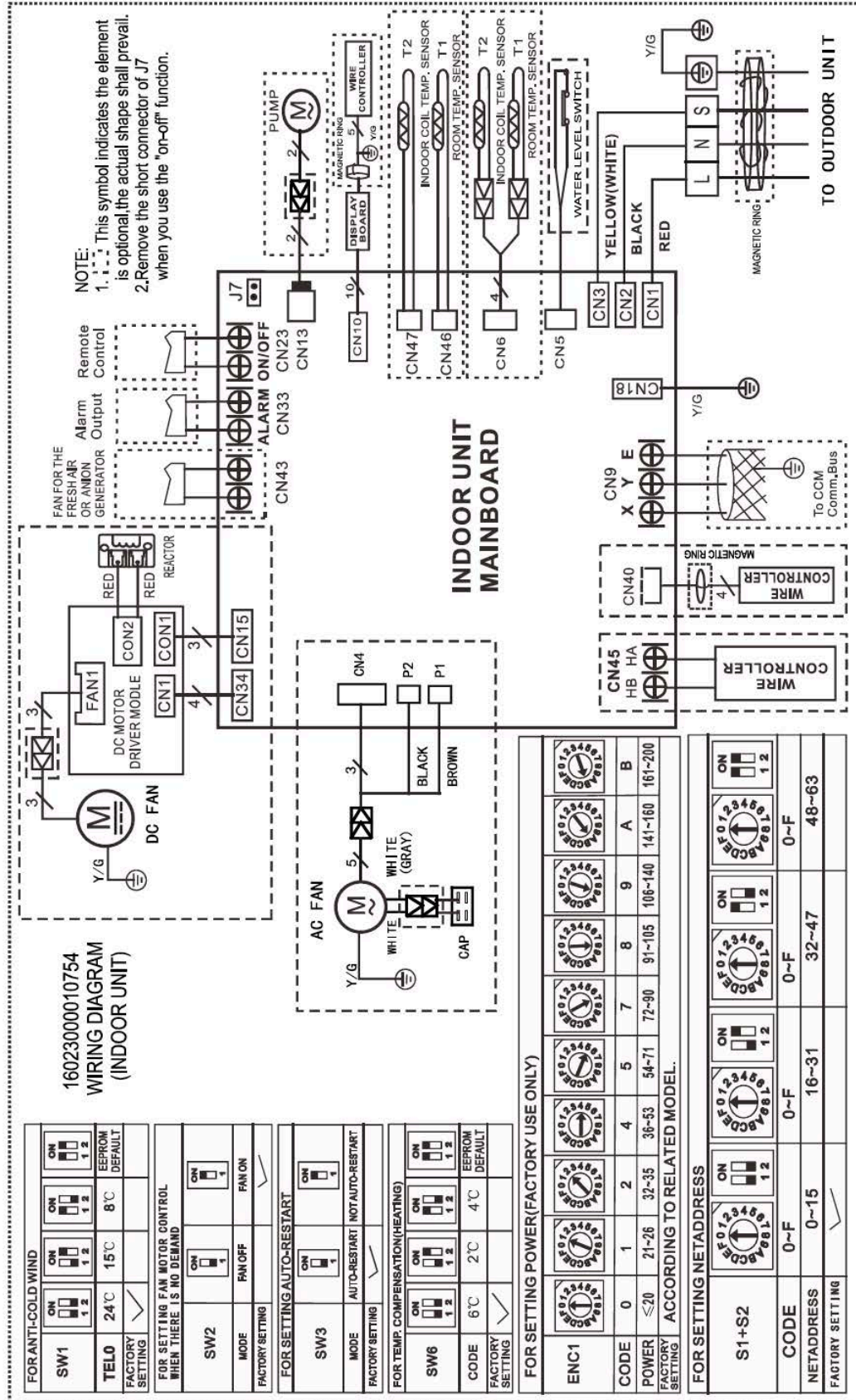
IDU Capacity (Btu/h)	IDU Wiring Diagram
4MXDUA48TB000AC	16023000010754
4MXDUA60TB000AC	

Abbreviation	Paraphrase
Y/G	Yellow-Green Conductor
CAP	Indoor Fan Capacitor
AC FAN	Alternating Current Fan
DC FAN	Direct Current FAN
PUMP	PUMP
L	LIVE
N	NEUTRAL
TO CCM Comm.Bus	Central Controller
T1	Indoor Room Temperature
T2	Coil Temperature of Indoor Heat Exchanger
P1	Super High Speed
P2	High Speed



# Electrical Wiring Diagrams

Indoor unit wiring diagram: 16023000010754



# Indoor Unit–New 4–way Cassette

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Air Velocity & Temperature Distributions	73
Noise Criterion Curves	85
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Electrical Wiring Diagrams	87

# Feature

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## 1. Feature

### 1.1 360° Air Flow

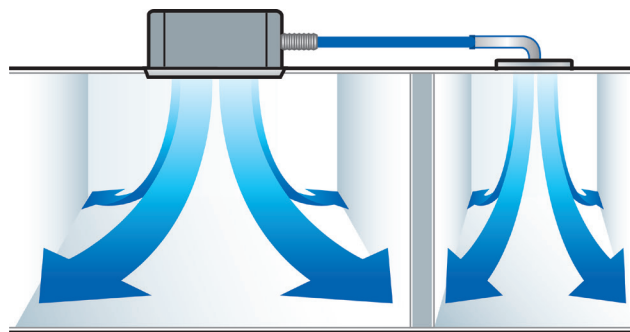
- 360°directional wind can deliver air evenly throughout every corner in any space, reducing hot and cold spots in the room.

### 1.2 Easy Installation

- The Cassette is much slimmer due to the redesigned heat exchanger and overall structures. It now requires less space for installation.

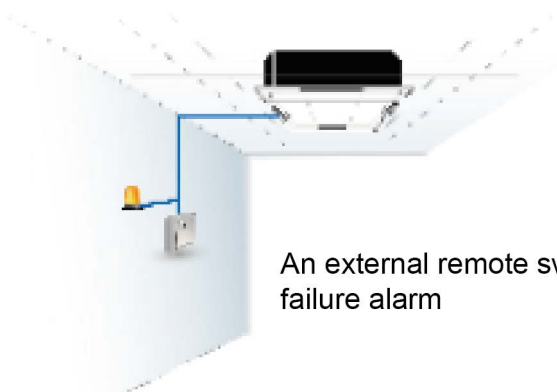
### 1.3 Reserved Air Outlet for Duct

- The cassette unit is equipped with reserved connection for air outlet at the side of the indoor unit. It can connect to an air duct to cool a small room nearby.



### 1.4 Reserved remote on-off and alarm ports(Optional for fixed-speed units, standard for inverter units)

- Remote on-off: With the reserved ports, a remote switch can be easily connected to realize remote control.
- Alarm: The built-in PCB can output alarm signal, which achieve setting up an external alarm light or vibration gauge possible.



An external remote switch and failure alarm

# Feature

---

## 1.5 Fresh Air

- Fresh air intake function brings you fresh and comfortable air feeling.

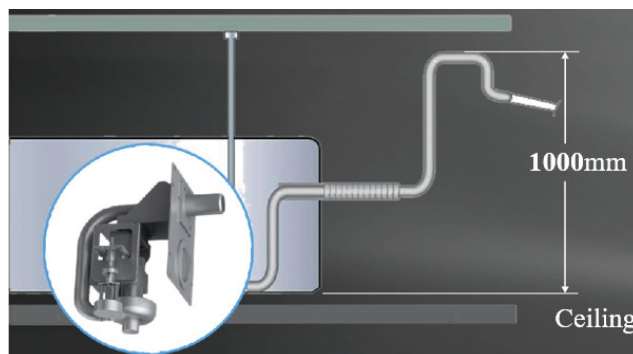


## 1.6 Wired Controller(Optional)

- Compared with infrared remote controller, wired controller can be fixed on the wall and avoid mislaying. It's mainly used for commercial zone and makes air conditioner control more convenient.

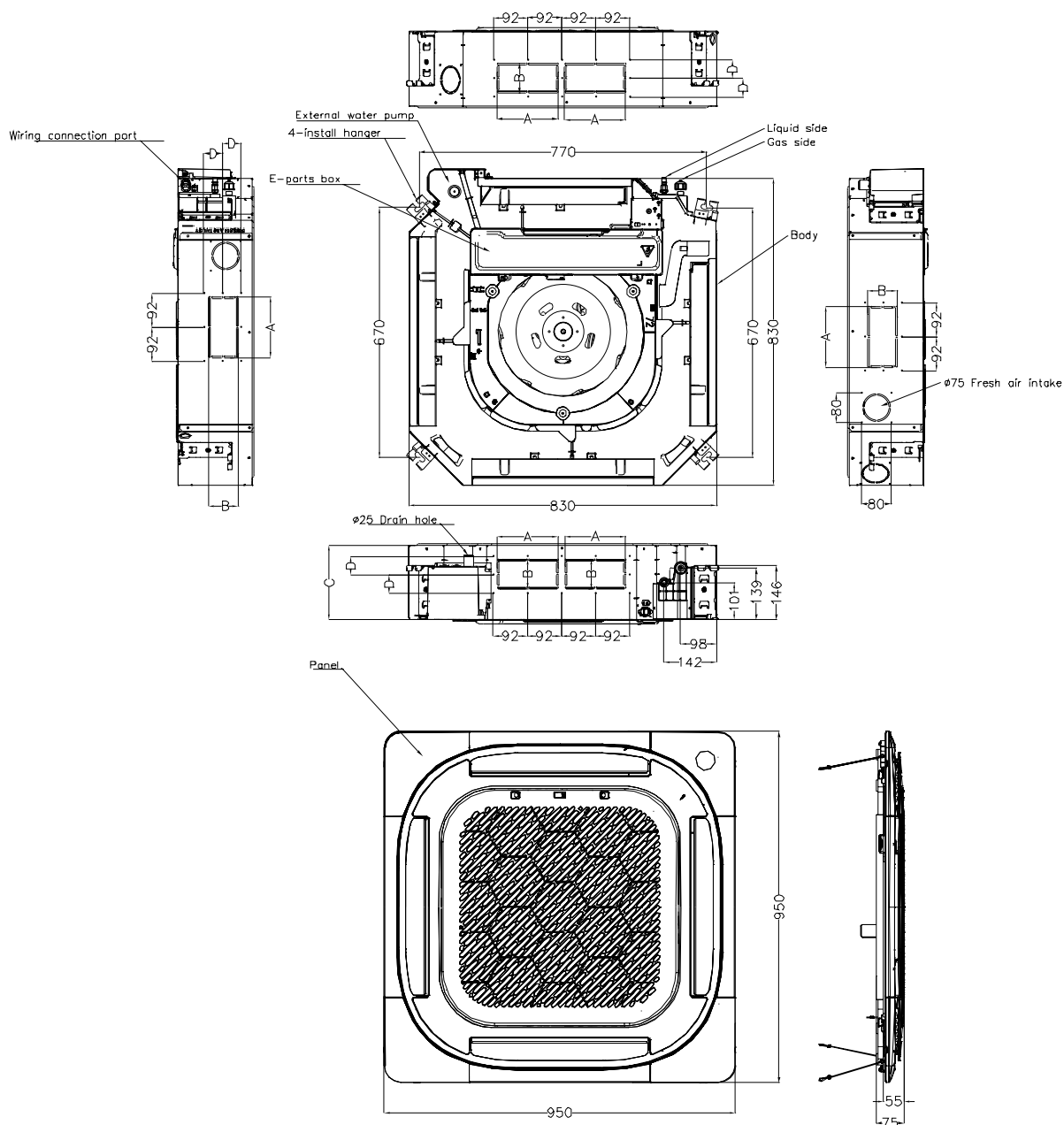
## 1.7 Build-in Drain Pump

- The drain pump can lift the condensed water up to 1000mm. Which is convenient to install drainage pipes under most conditions. The drainage pipe can be installed on either the left or the right side.



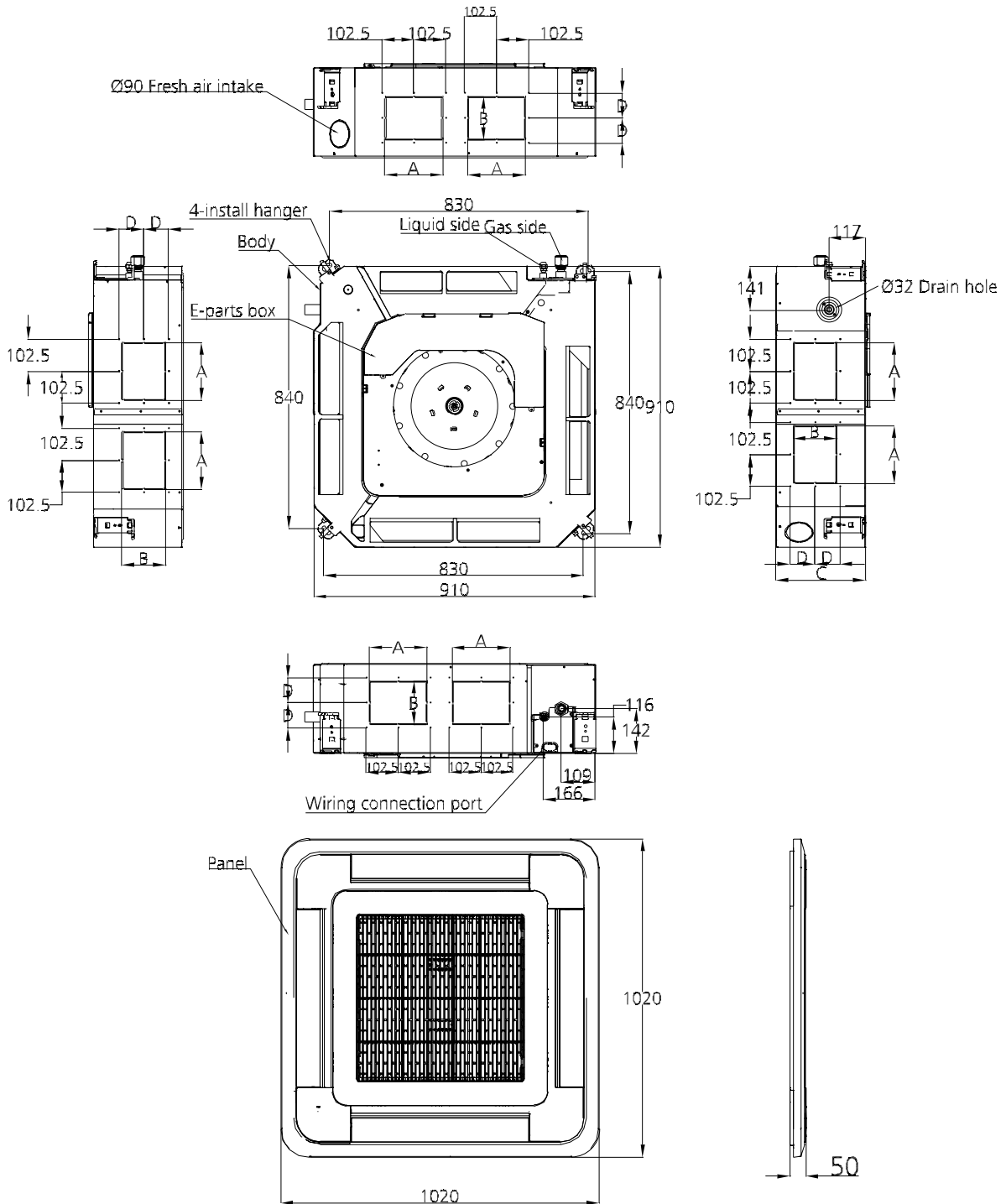
# Dimensional Drawings

## 2. Dimensional Drawings



Model (KBtu/h)	Unit	A	B	C	D
18~24	mm	165	100	245	60
	inch	6.50	3.94	9.65	2.36

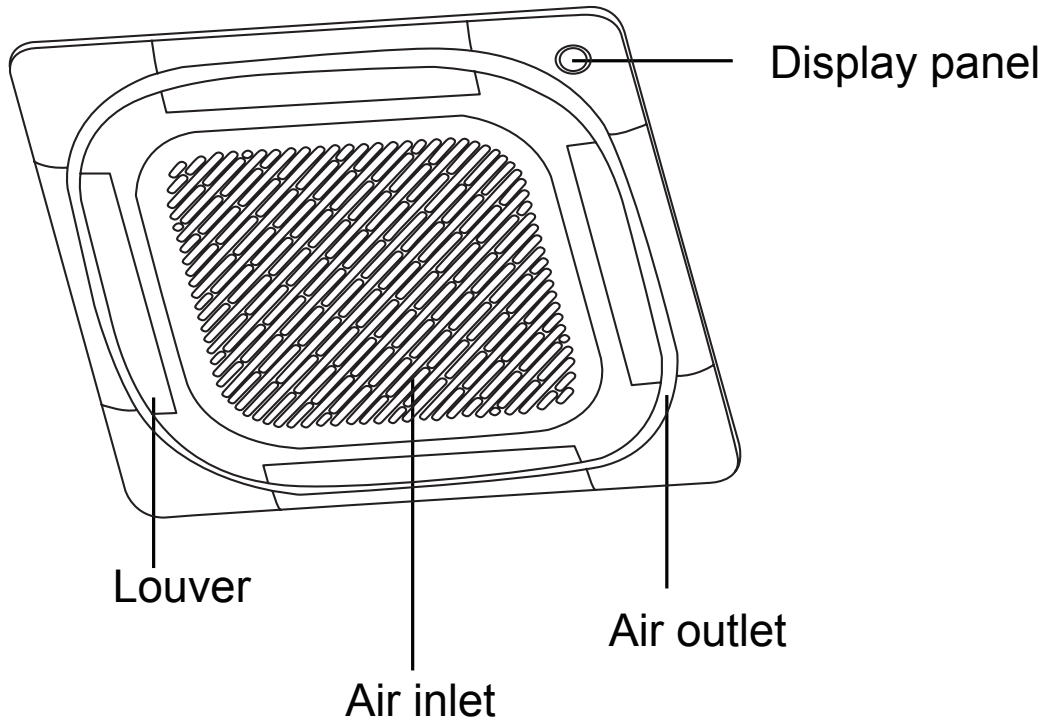
# Dimensional Drawings



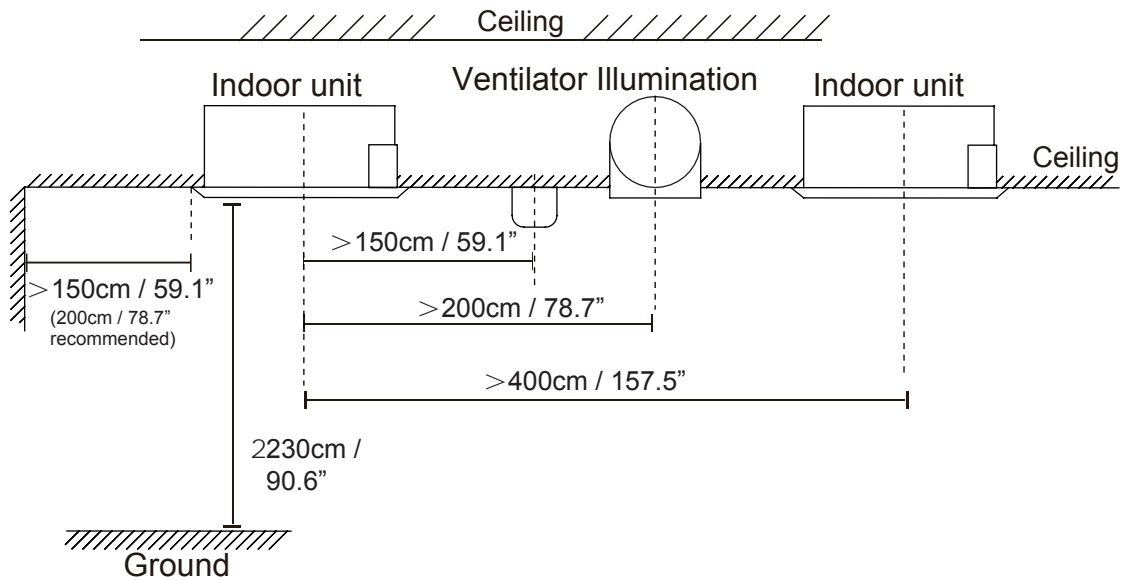
Model (KBtu/h)	Unit	A	B	C	D
33/36	mm	185	140	287	80
	inch	7.28	5.5	11.3	3.15

## Part Names/Service Place

### 3. Part names



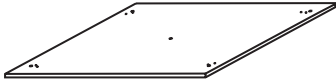








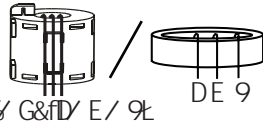

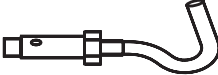

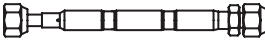

### 4. Service Place



# Accessories

## 5. Accessories

The air conditioning system comes with the following accessories. Use all of the installation parts and accessories to install the air conditioner. Improper installation may result in water leakage, electrical shock and fire, or equipment failure.

	Name	Shape	Quantity
<b>Indoor unit installation</b>	Installation paper template (some models)		1
<b>Refrigeration Fittings</b>	Soundproof/insulation sheath (some models)		1
	Soundproof/insulation sheath (some models)		1
	Copper nut		2
<b>Drainpipe Fittings</b>	Outlet pipe sheath(some models)		1
	Outlet pipe clasp(some models)		1
	Drain joint (some models)		1
	Seal ring (some models)		1
	Throat bander		2
<b>EMC Magnetic Ring (some models)</b>	Magnetic ring (wrap the electric wires S1 & S2 ( P & Q & E ) around the magnetic ring twice)	 G/ G&fD/ E/ 9L DE 9	1
	Magnetic ring (Hitch it on the connective cable between indoor unit and outdoor unit after installation)		1
<b>Installation Accessory (some models)</b>	Ceiling hook		4
	Suspension bolt		4
	Throttle		1
	Anti-shock rubber		1
	Manual		2-4

Optional accessories:

- There are two types of remote controls: wired and wireless.
- Select a remote controller based on customer preferences and requirements and install in an appropriate place.
- Refer to catalogues and technical literature for guidance on selecting a suitable remote controller.



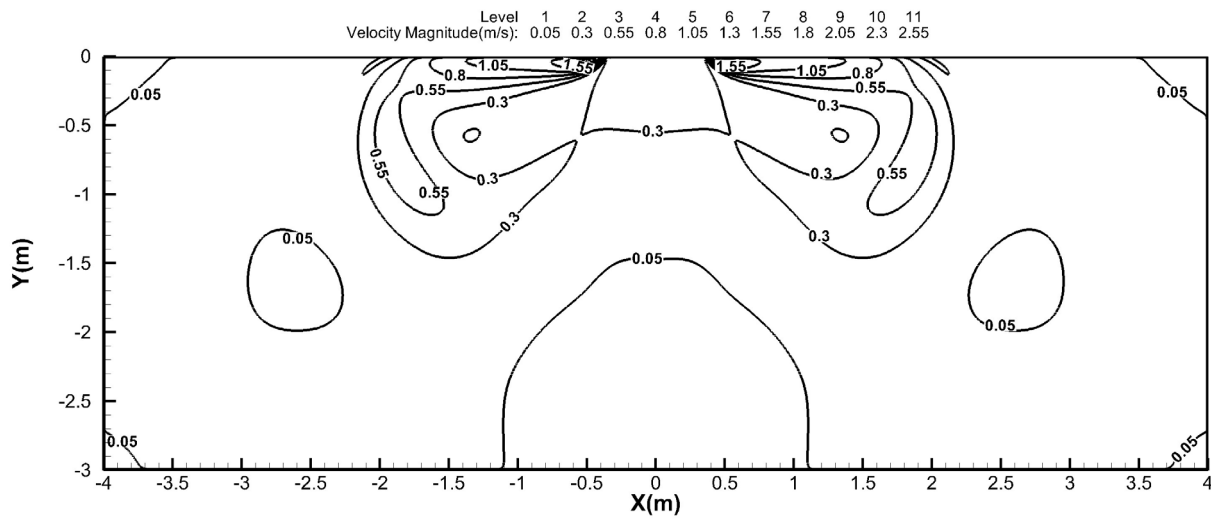
# Air Velocity and Temperature Distributions

## 6. Air Velocity and Temperature Distributions

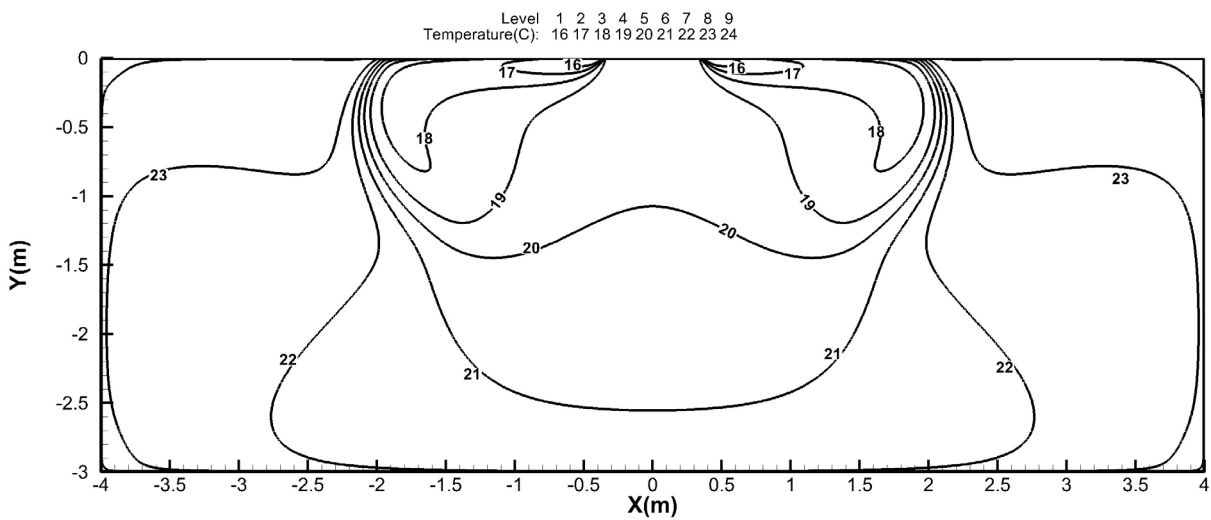
18K

Discharge Angle 30°

Cooling airflow velocity distributions



Cooling temperature distributions

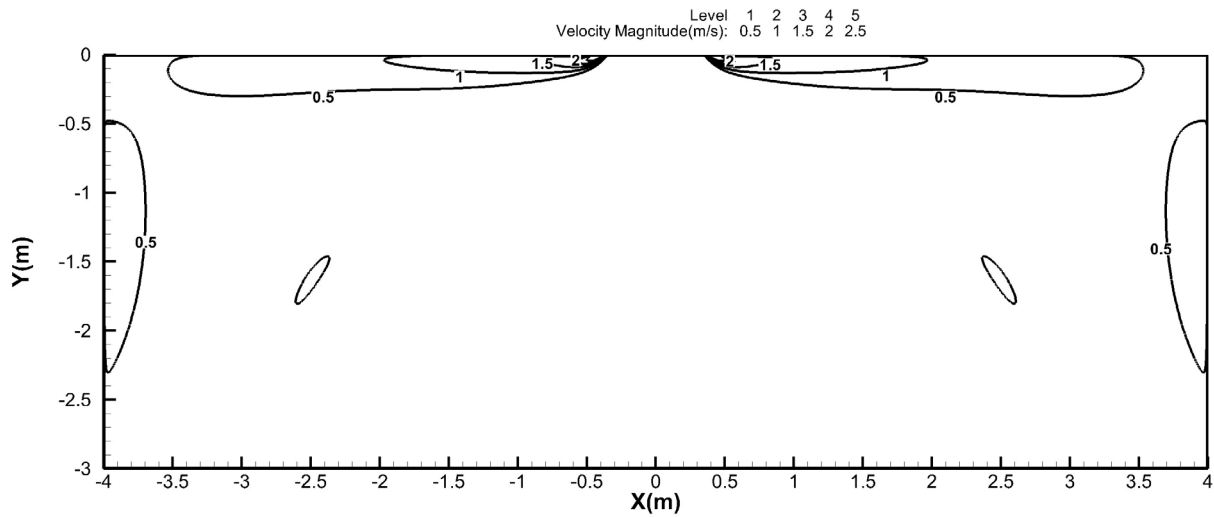


# Air Velocity and Temperature Distributions

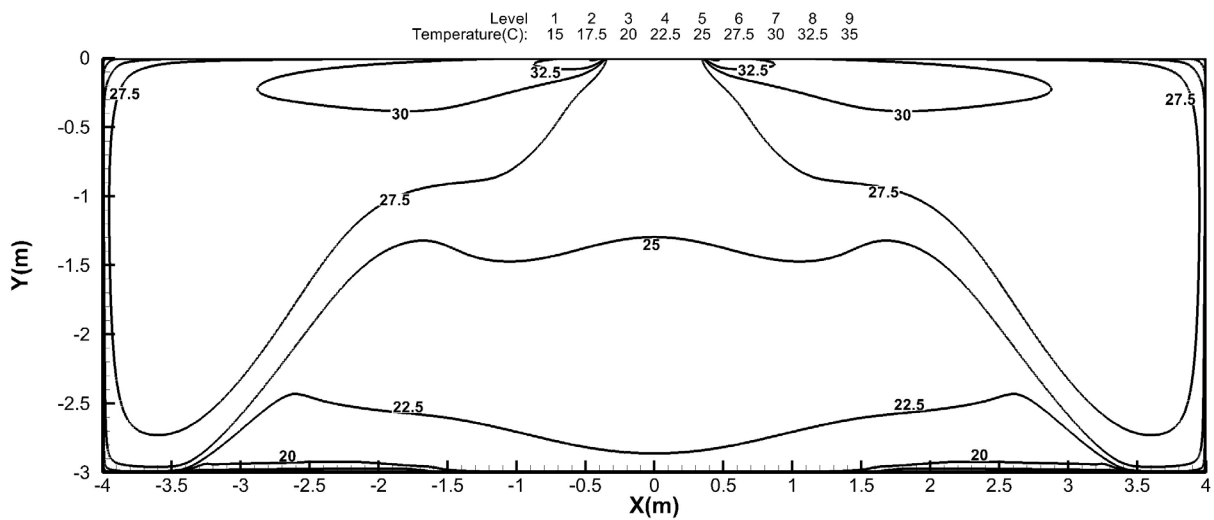
18K

Discharge Angle 30°

Heating airflow velocity distributions



Heating temperature distributions

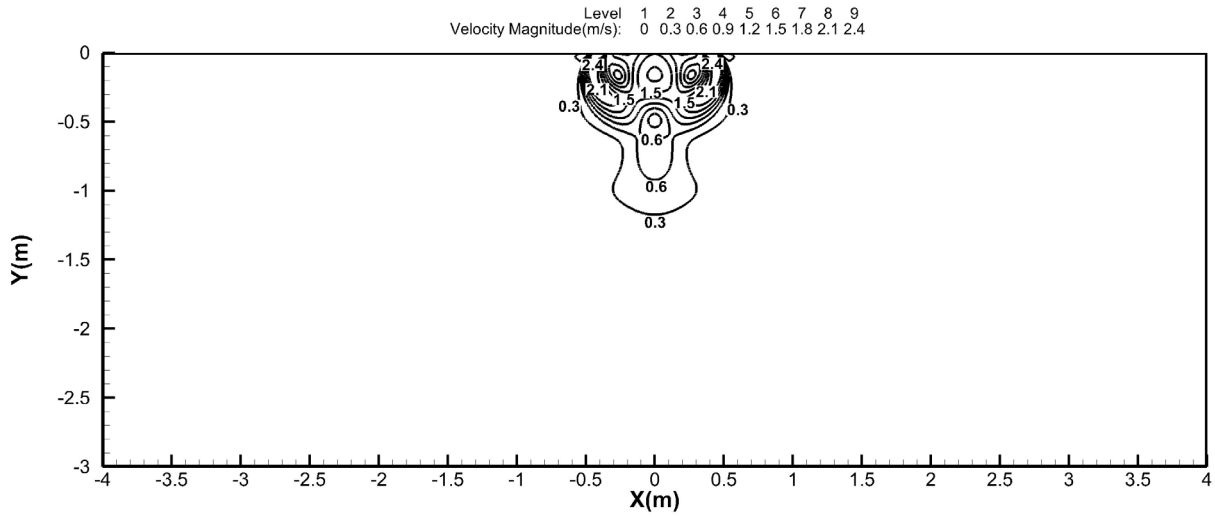


# Air Velocity and Temperature Distributions

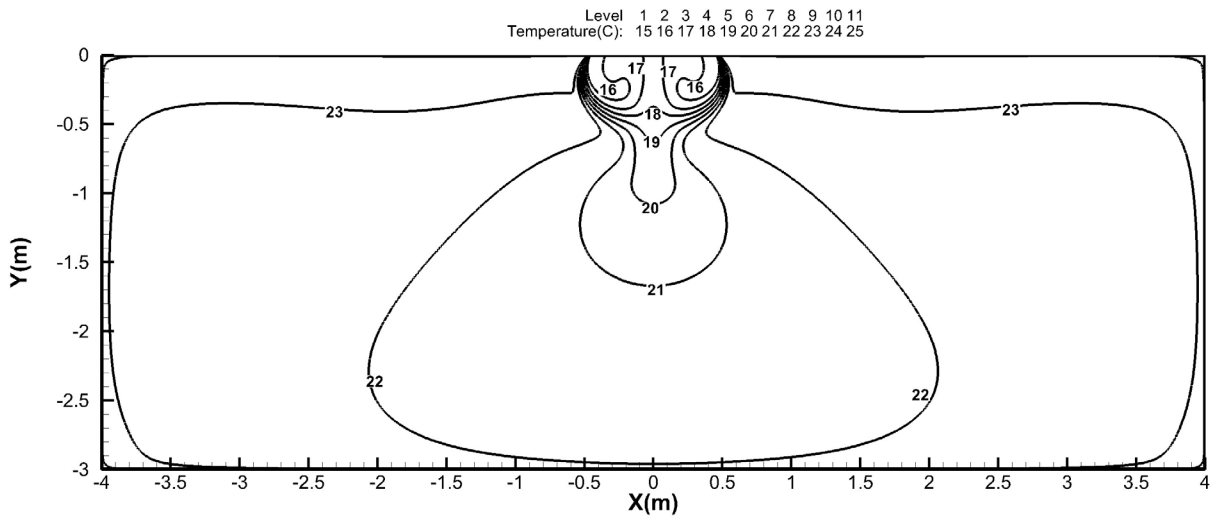
18K

Discharge Angle 60°

Cooling airflow velocity distributions



Cooling temperature distributions

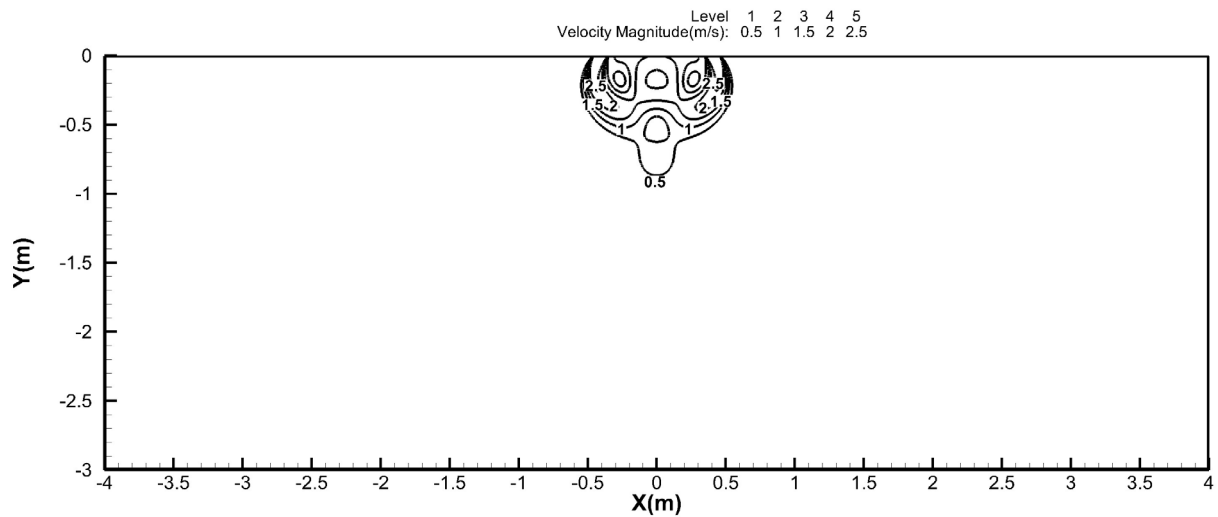


# Air Velocity and Temperature Distributions

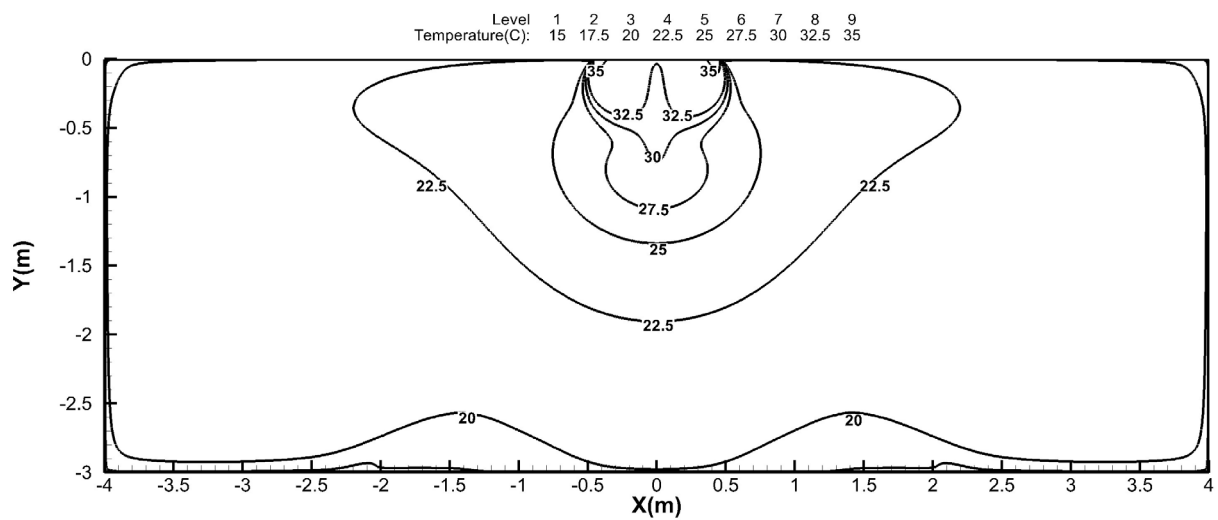
18K

Discharge Angle 60°

Heating airflow velocity distributions



Heating temperature distributions

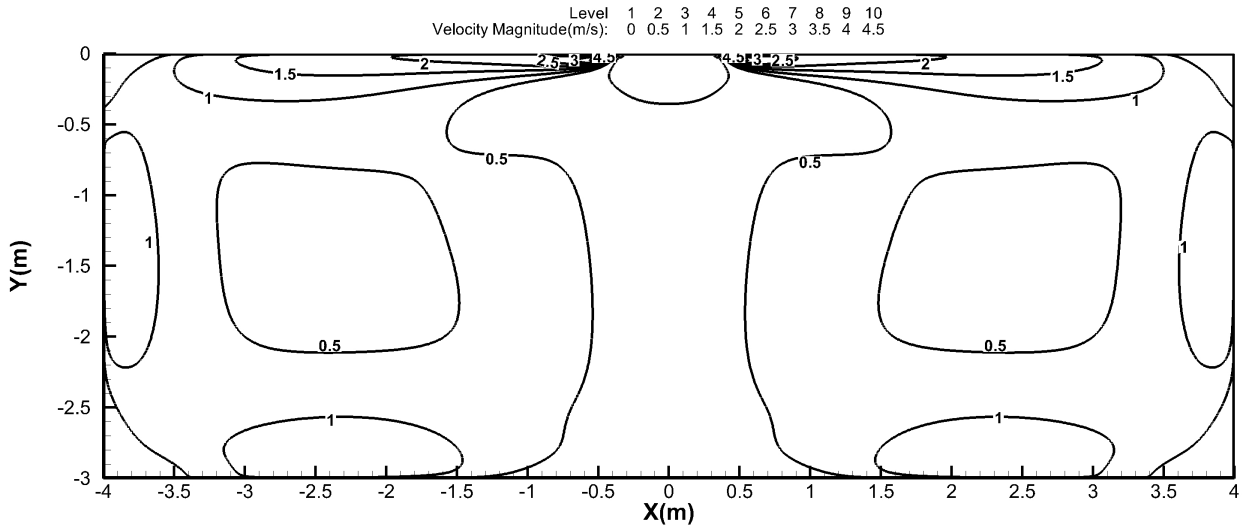


# Air Velocity and Temperature Distributions

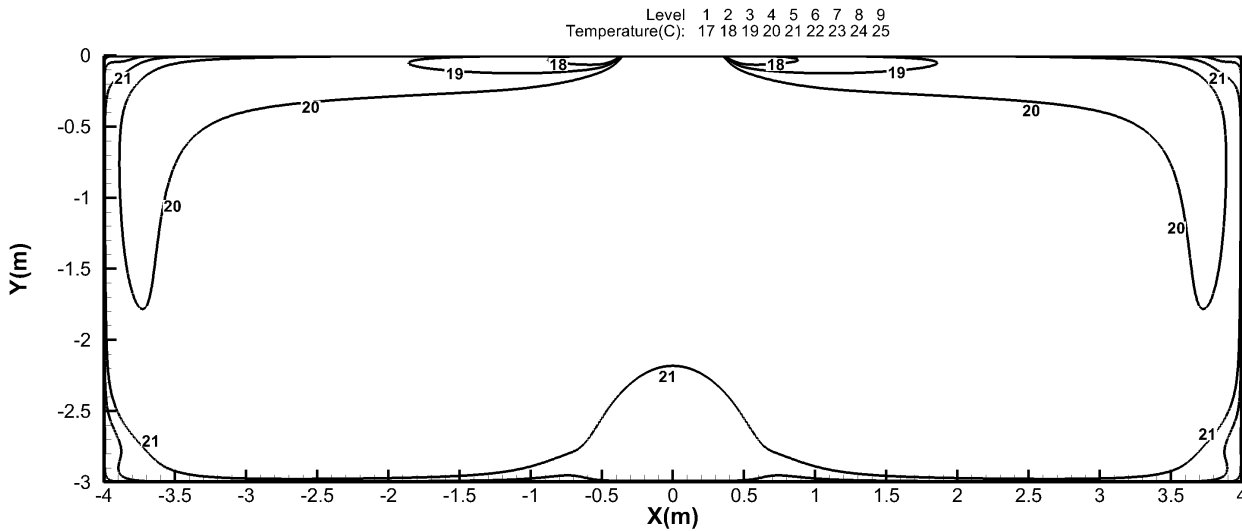
24K

Discharge Angle 30°

Cooling airflow velocity distributions



Cooling temperature distributions

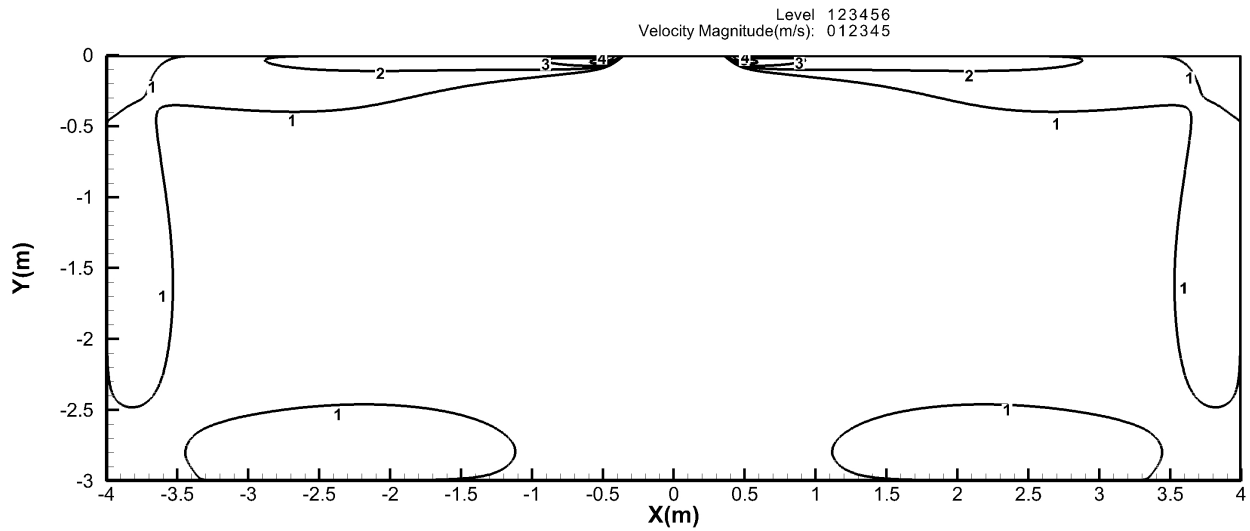


# Air Velocity and Temperature Distributions

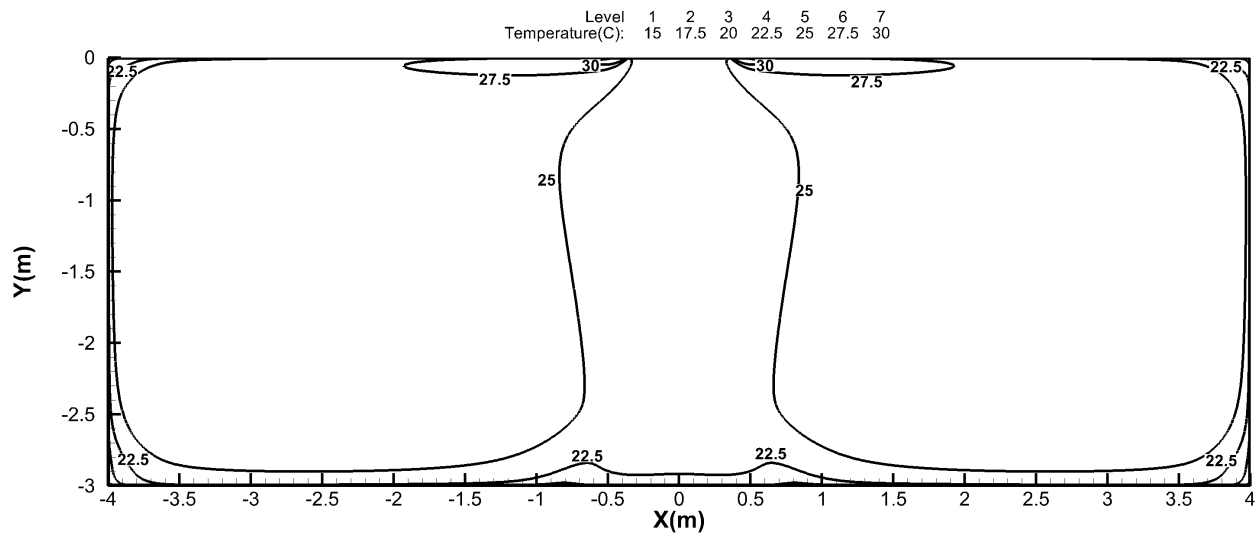
24K

Discharge Angle 30°

Heating airflow velocity distributions



Heating temperature distributions

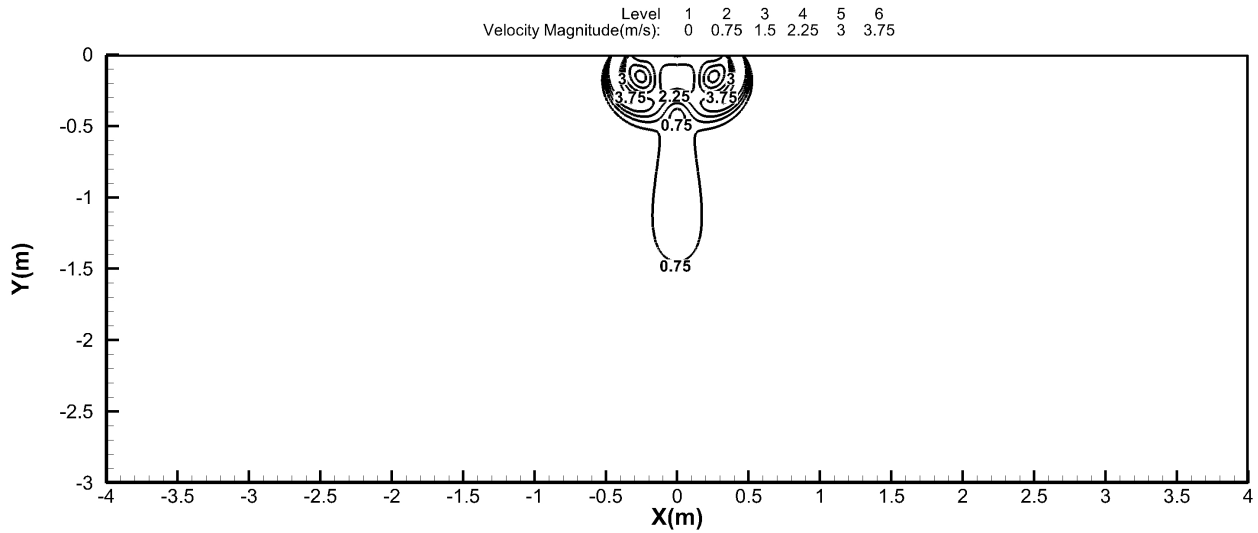


# Air Velocity and Temperature Distributions

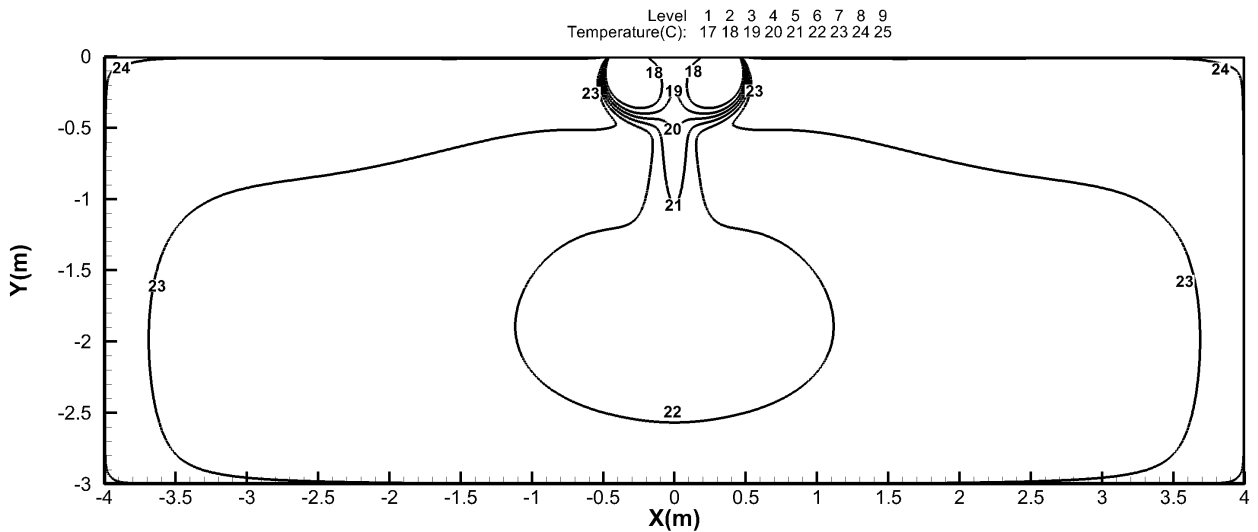
24K

Discharge Angle 60°

Cooling airflow velocity distributions



Cooling temperature distributions

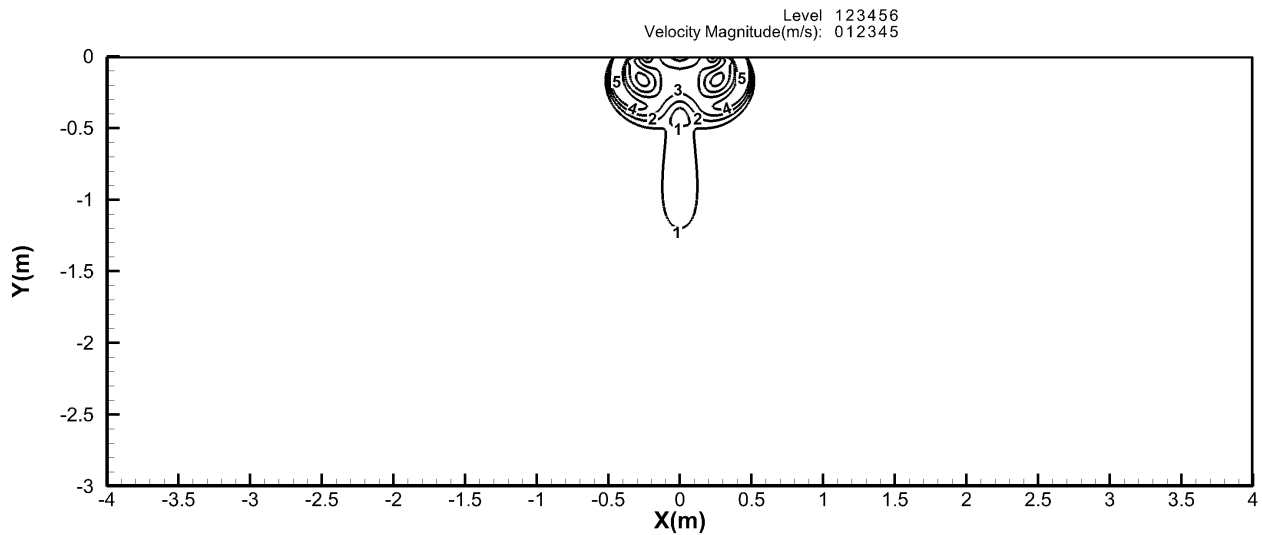


# Air Velocity and Temperature Distributions

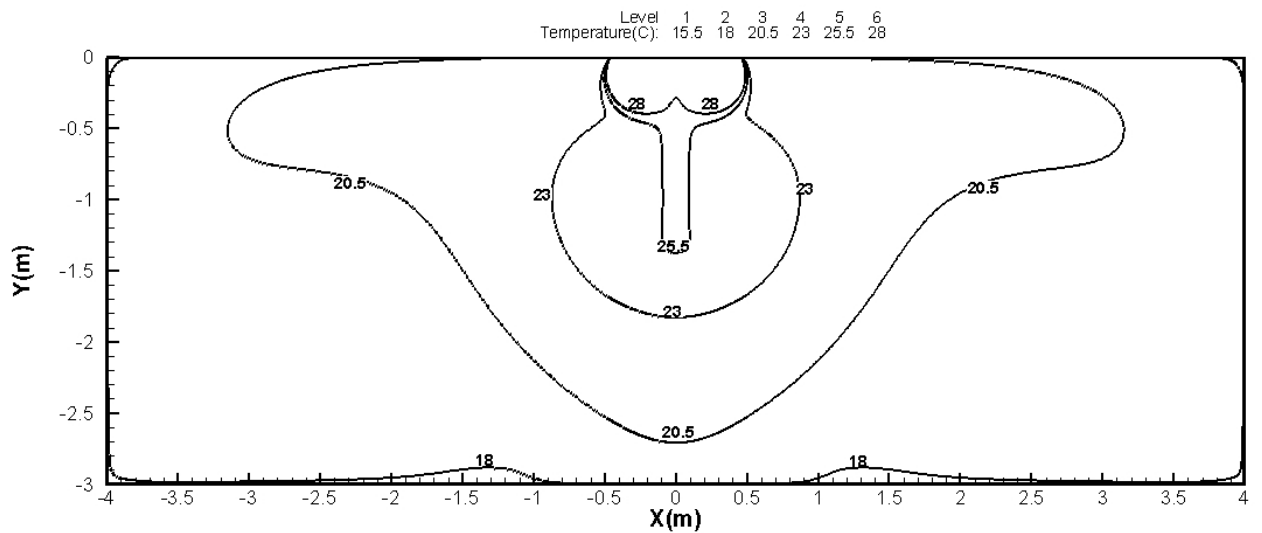
24K

Discharge Angle 60°

Heating airflow velocity distributions



Heating temperature distributions

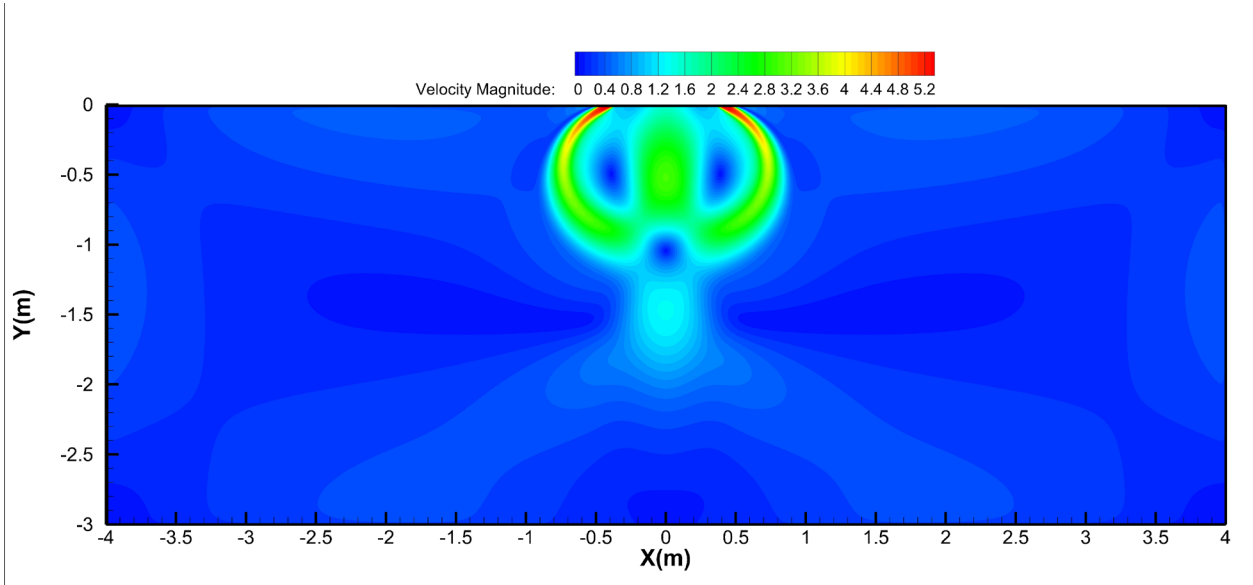




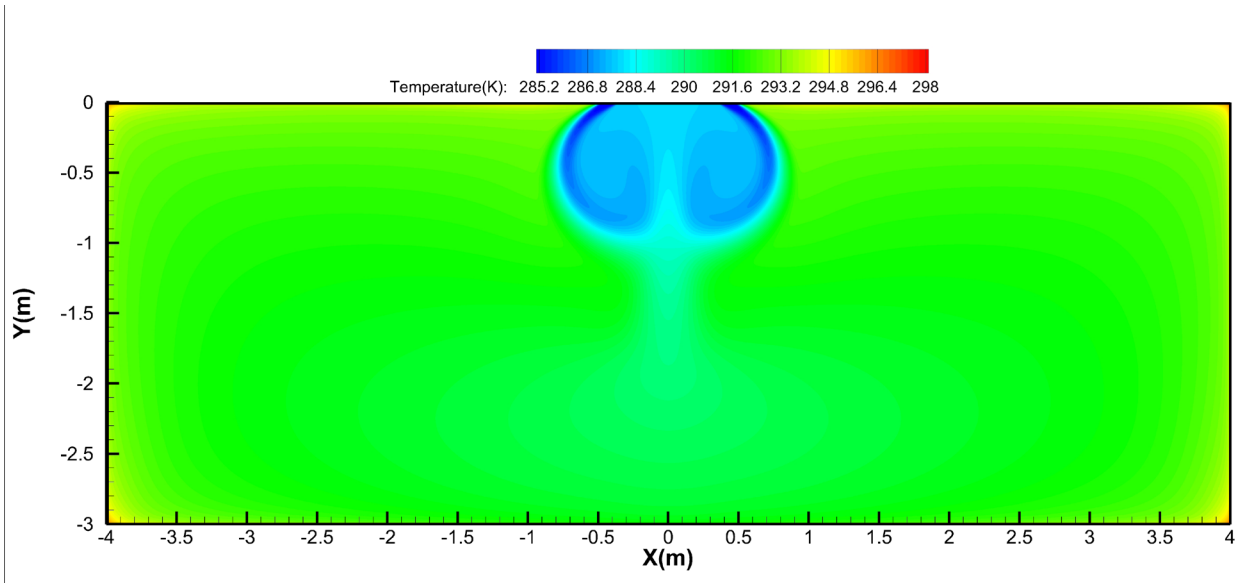
# Air Velocity and Temperature Distributions

36K-Discharge Angle 30°

Cooling airflow velocity distributions



Cooling temperature distributions

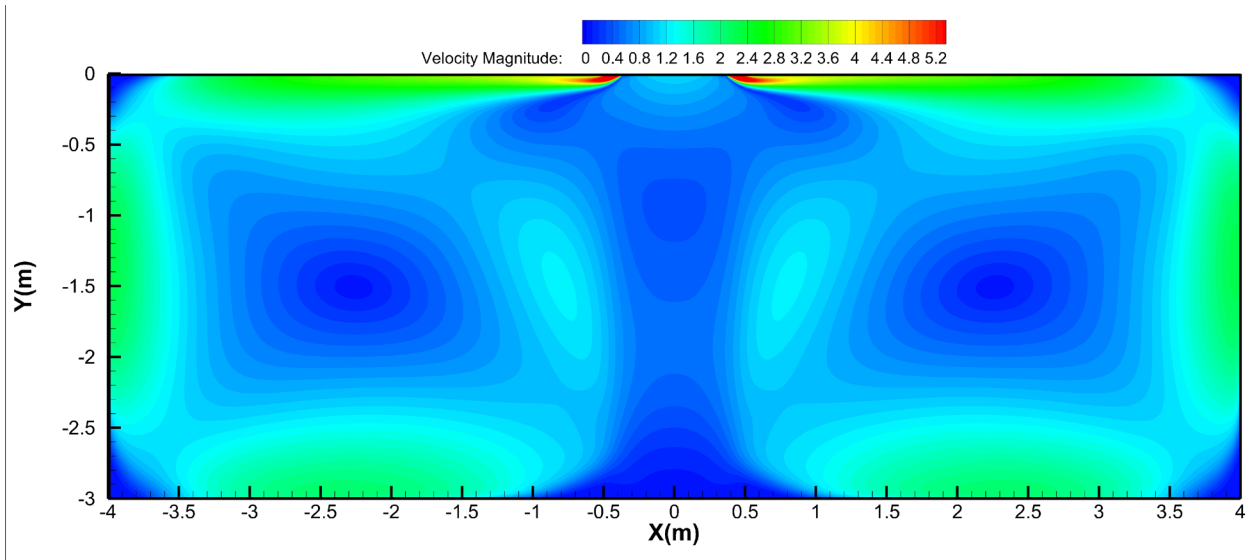


# Air Velocity and Temperature Distributions

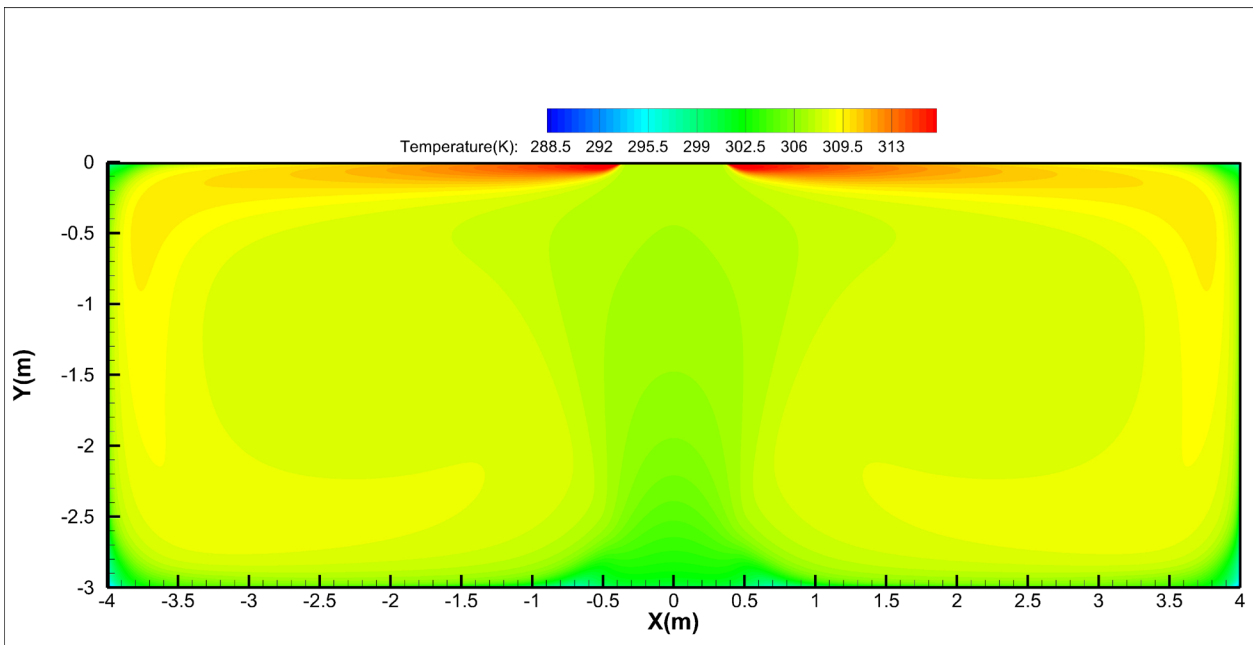
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36K-Discharge Angle 30°

Heating airflow velocity distributions



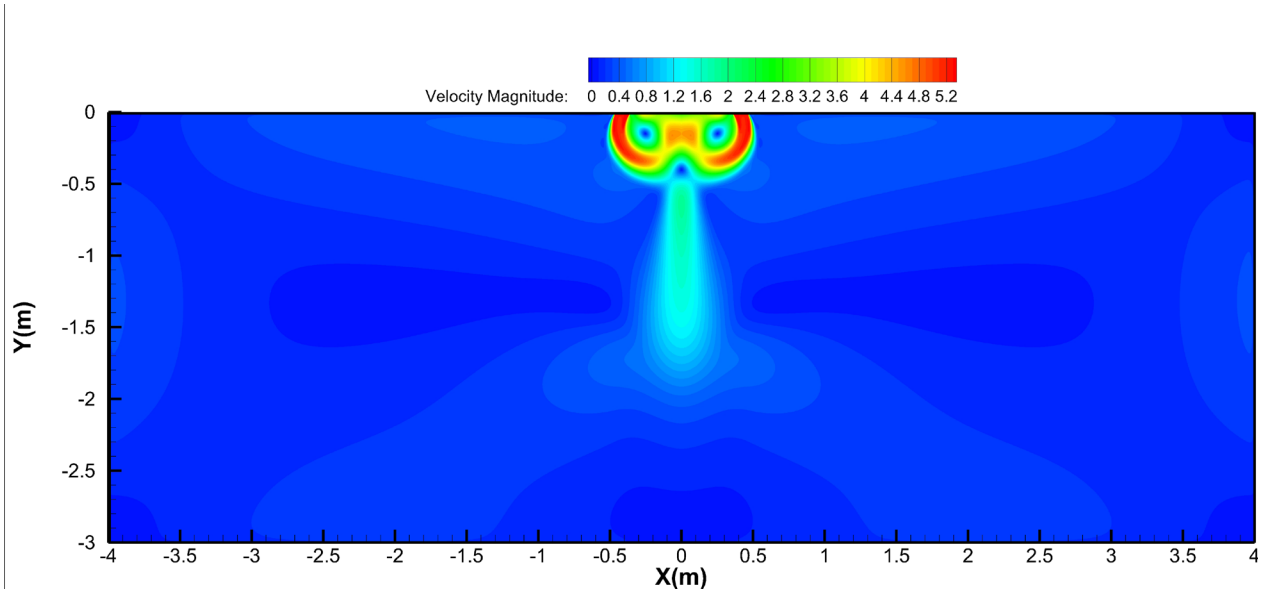
Heating temperature distributions



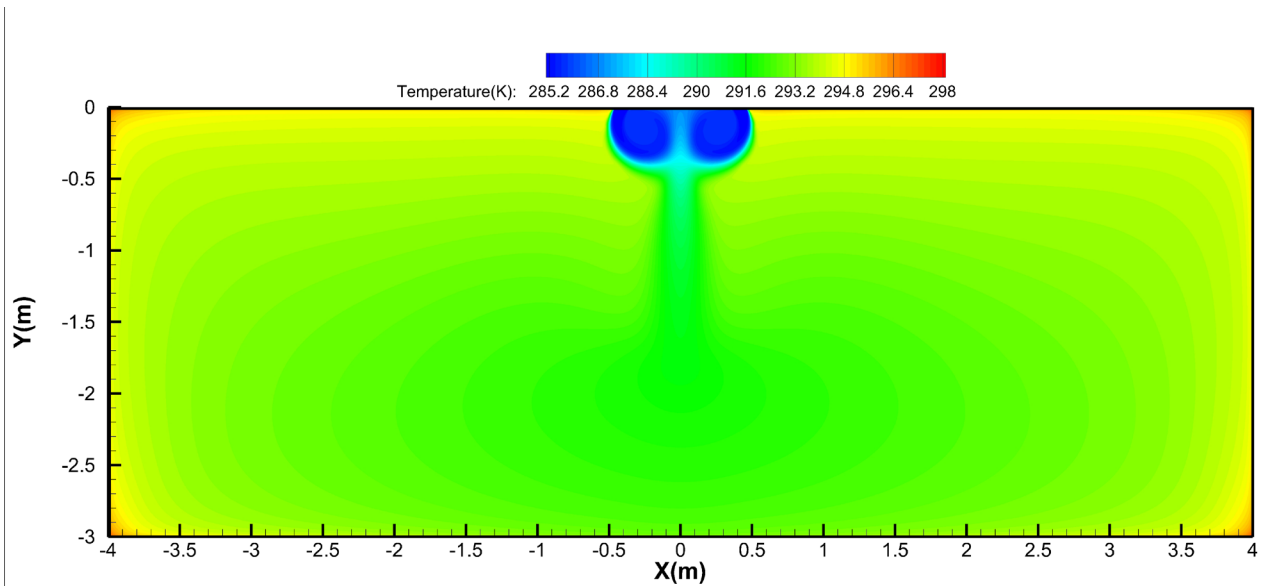
# Air Velocity and Temperature Distributions

36K-Discharge Angle 60°

Cooling airflow velocity distributions



Cooling temperature distributions

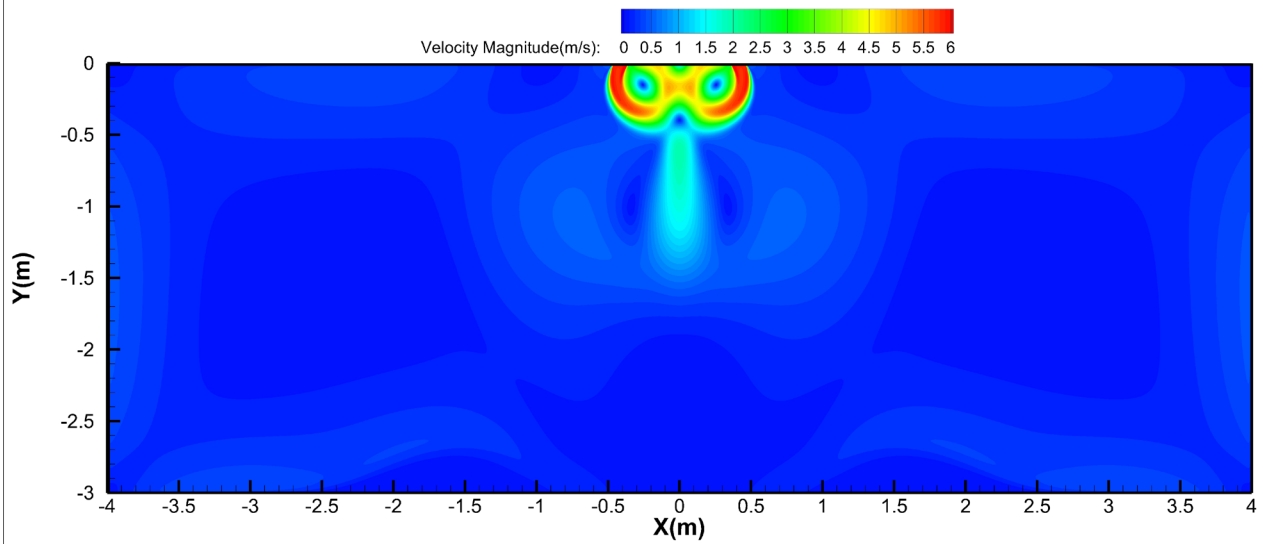


# Air Velocity and Temperature Distributions

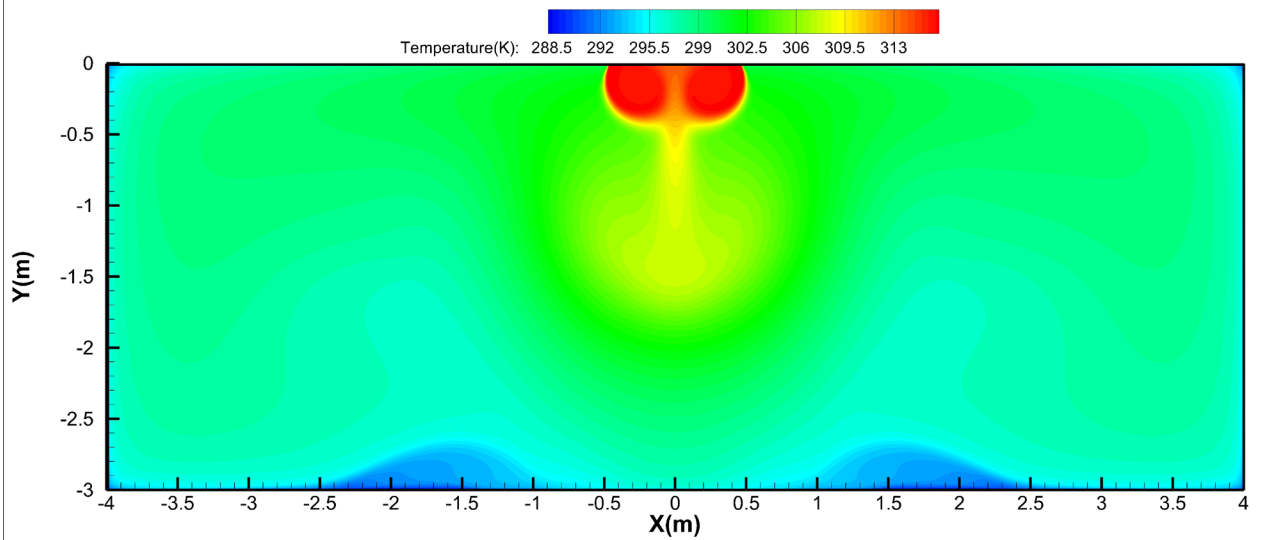
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36K-Discharge Angle 60°

Heating airflow velocity distributions



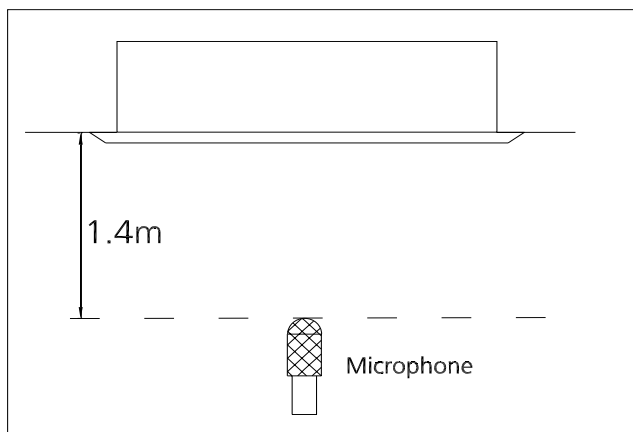
Heating temperature distributions



# Noise Criterion Curves

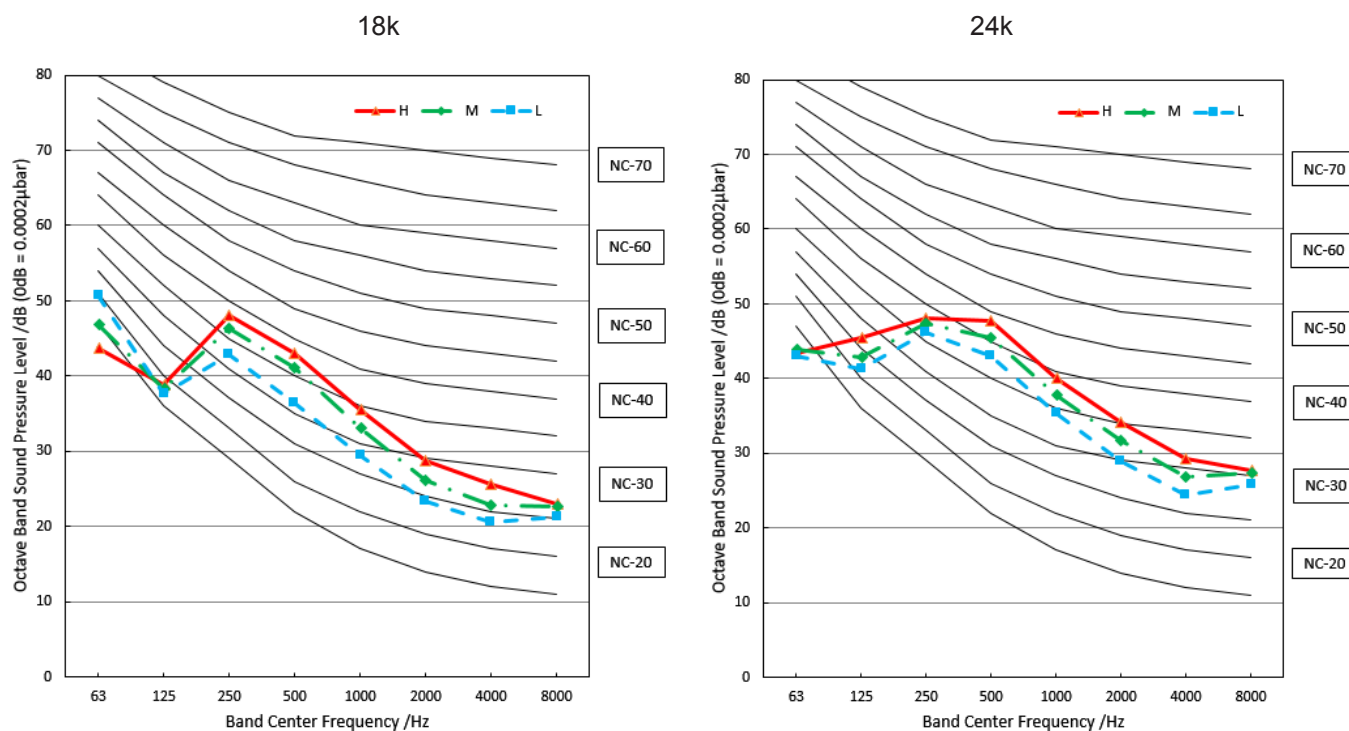
## 8. Noise Criterion Curves

### 8.1 Indoor Unit



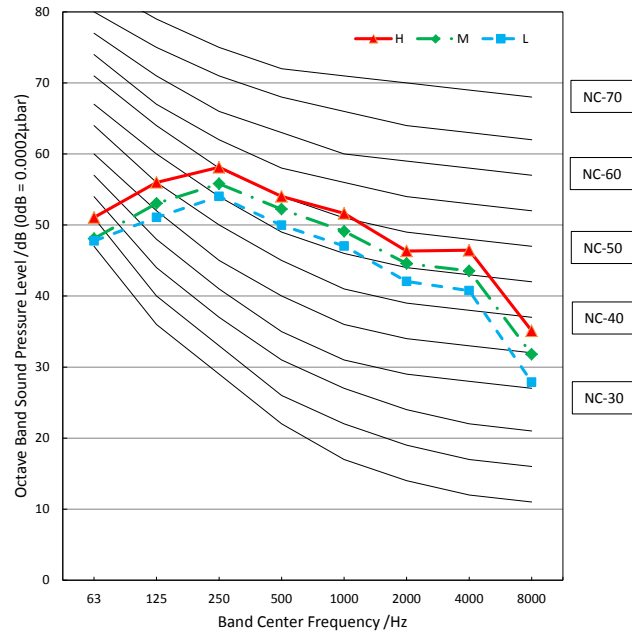
Notes:

- Sound measured at 1.4m away from the noisiest location of the unit.
- Data is valid at free field condition
- Data is valid at nominal operation condition
- Reference acoustic pressure  $0\text{dB} = 20\mu\text{Pa}$
- Sound level will vary depending on a range of factors such as the construction -(acoustic absorption coefficient) of particular room in which the equipment is installed.
- The operating conditions are assumed to be standard.



# Noise Criterion Curves

4MXCUA36TB000AC



# Electrical Characteristics/Wiring Diagrams

## 9. Electrical Characteristics

Capacity (Btu/h)		18k	24k	36k
OUTDOOR UNIT POWER	Phase	1-phase	1-phase	1-phase
	Frequency and Voltage	230V, 60Hz	230V, 60Hz	230V, 60Hz
	Power Wiring (mm <sup>2</sup> )	3x2.5	3x4.0	3x6.0
	Circuit Breaker/ Fuse (A)	25/20	40/30	50/40
Indoor/Outdoor Connecting Wiring	Strong Electric Signal(mm <sup>2</sup> )	4x1.0	4x1.0	4x1.0
	Weak Electric Signal(mm <sup>2</sup> )			

## 10. Electrical Wiring Diagrams

IDU Capacity (Btu/h)	IDU Wiring Diagram
18k~36k	16022500004263

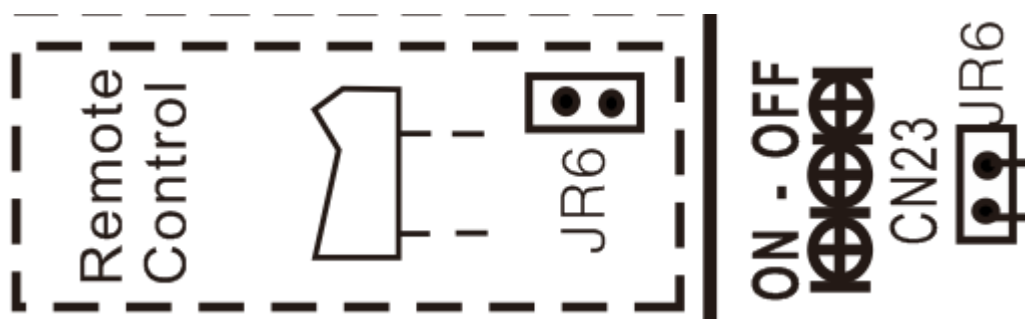
Abbreviation	Paraphrase
Y/G	Yellow-Green Conductor
CAP1	Indoor Fan Capacitor
FAN1	Alternating Current Fan
DC FAN	Direct Current FAN
PUMP	PUMP
L	LIVE
N	NEUTRAL
TO CCM Comm.Bus	Central Controller
T1	Indoor Room Temperature
T2	Coil Temperature of Indoor Heat Exchanger
P3	Super High Speed
P2	High Speed





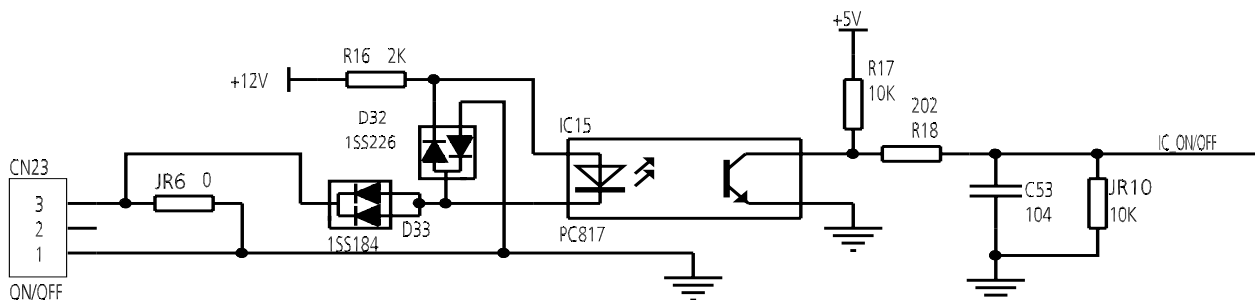
## Electrical Wiring Diagrams

### 10.1 Some connectors introduce:



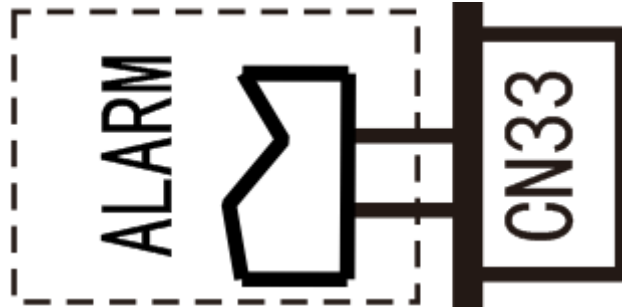
A For remote control (ON-OFF) terminal port CN23 and short connector of JR6

1. Remove the short connector of JR6 when you use ON-OFF function;
2. When remote switch off (OPEN) ;the unit would be off;
3. When remote switch on (CLOSE) ;the unit would be on;
4. When close/open the remote switch, the unit would be responded the demand within 2 seconds;
5. When the remote switch on. you can use remote controller/ wire controller to select the mode what you want ;when the remote switch off , the unit would not respond the demand from remote controller/wire controller.
- when the remote switch off , but the remote controller / wire controller are on, CP code would be shown on the display board.
6. The voltage of the port is 12V DC , design Max.current is 5mA.



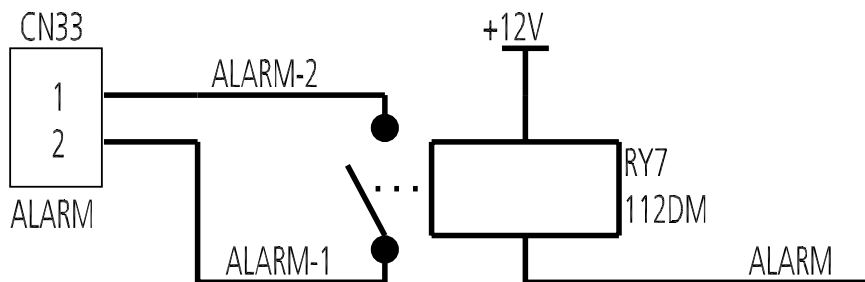
# Electrical Wiring Diagrams

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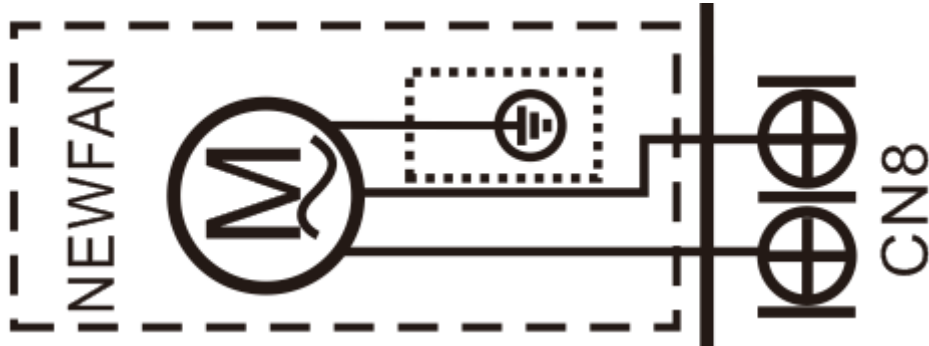


B For ALARM terminal port CN33

1. Provide the terminal port to connect ALARM ,but no voltage of the terminal port , the power from the ALARM system (not from the unit )
2. Although design voltage can support higher voltage ,but we strongly ask you connect the power less than 24V, current less than 0.5A
3. When the unit occurs the problem , the relay would be closed , then ALARM works

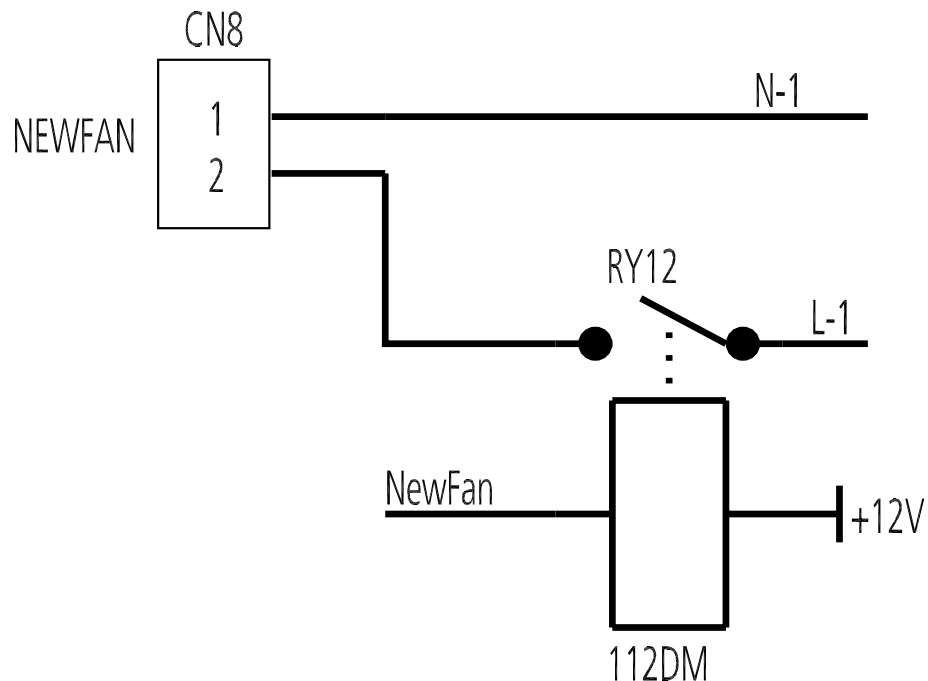


## Electrical Wiring Diagrams



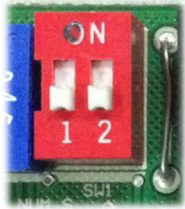
C. For new fresh motor terminal port CN8





1. Connect the fan motor to the port , no need care L/N of the motor;
2. The output voltage is the power supply;
3. The fresh motor can not exceed 200W or 1A , follow the smaller one;
4. The new fresh motor will be worked when the indoor fan motor work; when the indoor fan motor stops, the new fresh motor would be stopped;
5. When the unit enter force cooling mode or capacity testing mode, the fresh motor isn't work.



# Electrical Wiring Diagrams

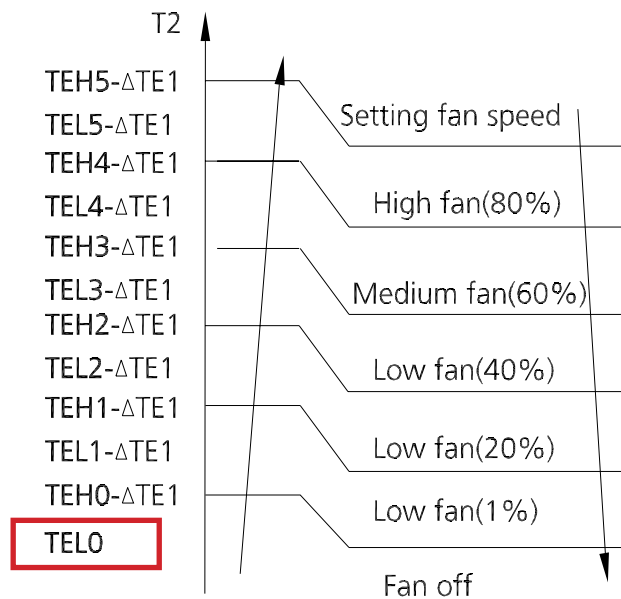

## 10.2 Micro-Switch Introduce:





Anti-cold air	
SW1	FAN MOTOR STOP-TEM
	24 Factory setting ✓
	15
	8
	According to the EEPROM setting

A. Micro-switch SW1 is for selection of indoor fan stop temperature (TELO) when it is in anti-cold wind action in heating mode.

Range: 24°C, 15°C, 8°C, According to EEROM setting (reserved for special customizing).

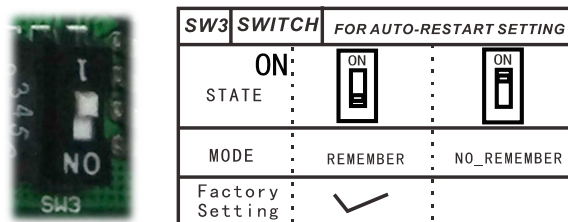



SW2	SWITCH	FOR FAN MOTER CONTROL THEN NO POWER REQUEST.	
ON:			
STATE			
MODE		FAN OFF	FAN ON
Factory Setting	✓		

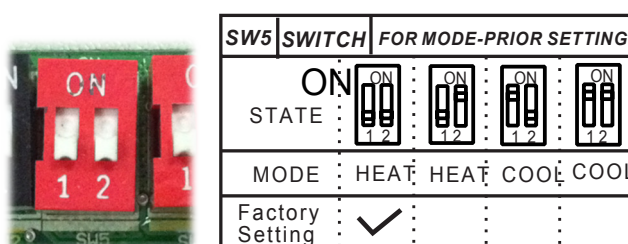
B. Micro-switch SW2 is for selection of indoor FAN ACTION if room temperature reaches the set point and the compressor stops.

Range: OFF (anti-cold wind is available in heating mode), Keep running (No anti-cold wind function).

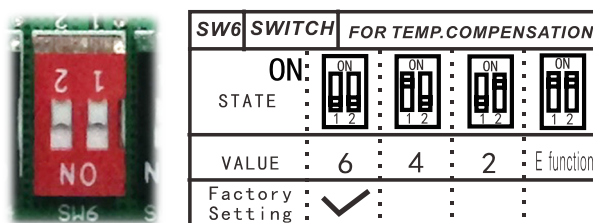
# Electrical Wiring Diagrams



C. Micro-switch SW3 is for selection of auto-restart function. Range: Active, inactive



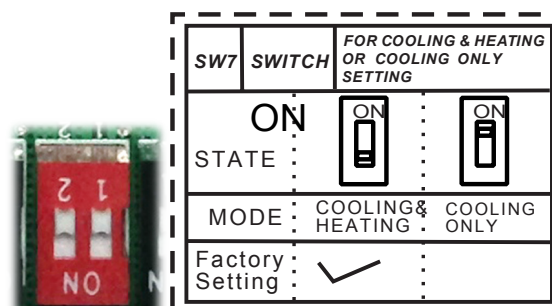
D. Micro-switch SW5 is for setting mode priority of multi connection. Range: Heat, cool.



E. Micro-switch SW6 is for selection of temperature compensation in heating mode. This helps to reduce the real temperature difference between ceiling and floor so that the unit could run properly.

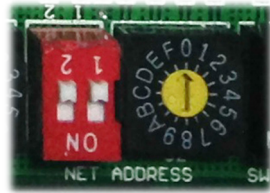
If the height of installation is lower, smaller value could be chosen.

Range: 6°C, 4°C, 2°C, E function (reserved for special customizing)



F. Micro-switch SW7 is for setting cooling & heating or cooling only. Range: cooling & heating, cooling.

# Electrical Wiring Diagrams



SWITCH		FOR CCM UNIT ADDRESS	
S2 +		ON	
S1			
ADDRESS	0~15		16~31
Factory Settings	✓		
S2 +		ON	
S1			
ADDRESS	32~47		48~63
Factory Settings			

G. Micro-switch S1 and dial-switch S2 are for address setting when you want to control this unit by a central controller.  
Range: 00-63



FOR SETTING POWER(DC MOTOR MODEL ONLY)										
ENC1										
CODE	0	1	2	4	5	7	8	9	A	B
POWER	20	26	32~35	36~53	54~71	72~90	91~105	106~140	141~160	161~200
FACTORY SETTING	ACCORDING TO RELATED MODEL.									

H. Dial-switch ENC1: The indoor PCB is universal designed for whole series units from 7K to 68K. This ENC1 setting will tell the main program what size the unit is.

NOTE: Usually there is glue on it because the switch position cannot be changed at random unless you want to use this PCB as a spare part to use in another unit. Then you have to select the right position to match the size of the unit.

“20” means 2kW (7K), “105” means 10.5kW(36K), and so on.

# Outdoor Unit

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Dimensional Drawings	96
Service Place	100
Capacity Correction Factor for Height Difference	101
Noise Criterion Curves	105
Refrigerant Cycle Diagrams	108
Electrical Wiring Diagrams	111

# Dimensional Drawings

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## 1. Dimensional Drawings

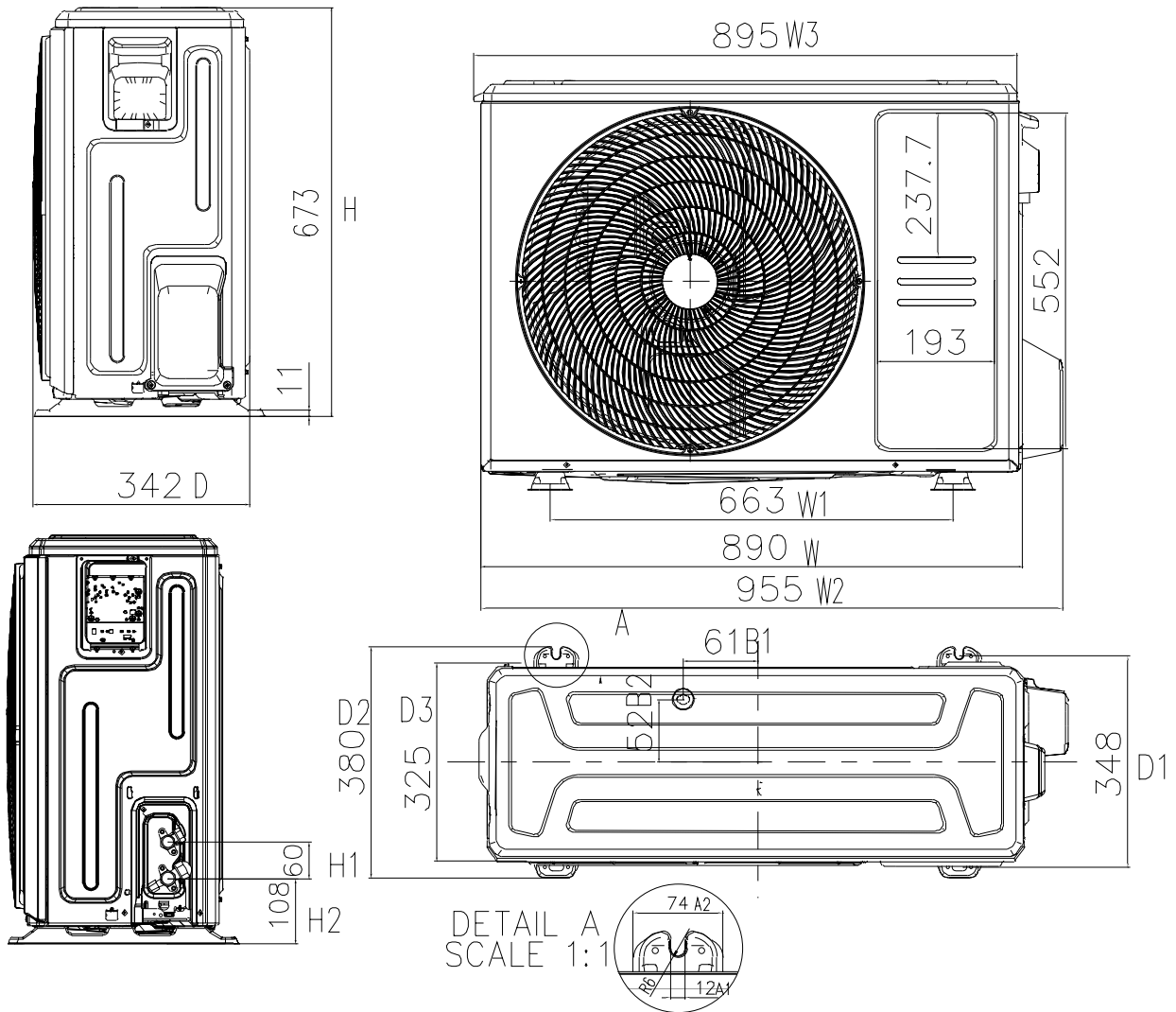
Please check the corresponding dimensional drawing according to the panel plate.

ODU Model	Panel Plate
4TXKUA18TB000DC	X430
4TXKUA24TB000DC	D30
4TXKUA36TB000DC	D30
4TXKUA48TB000DC	E30
4TXKUA60TB000DC	E30



# Dimensional Drawings

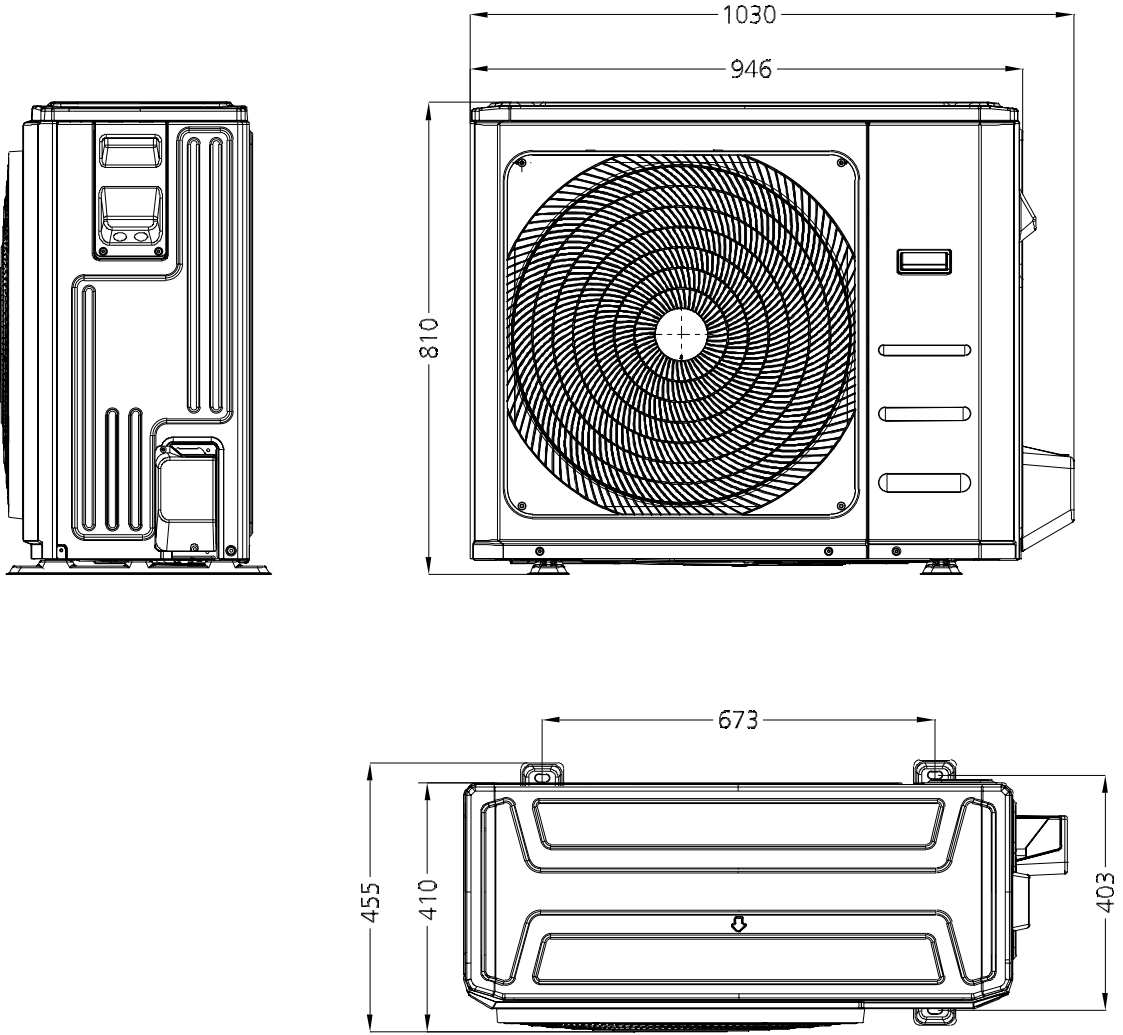
## Panel Plate X430



# Dimensional Drawings

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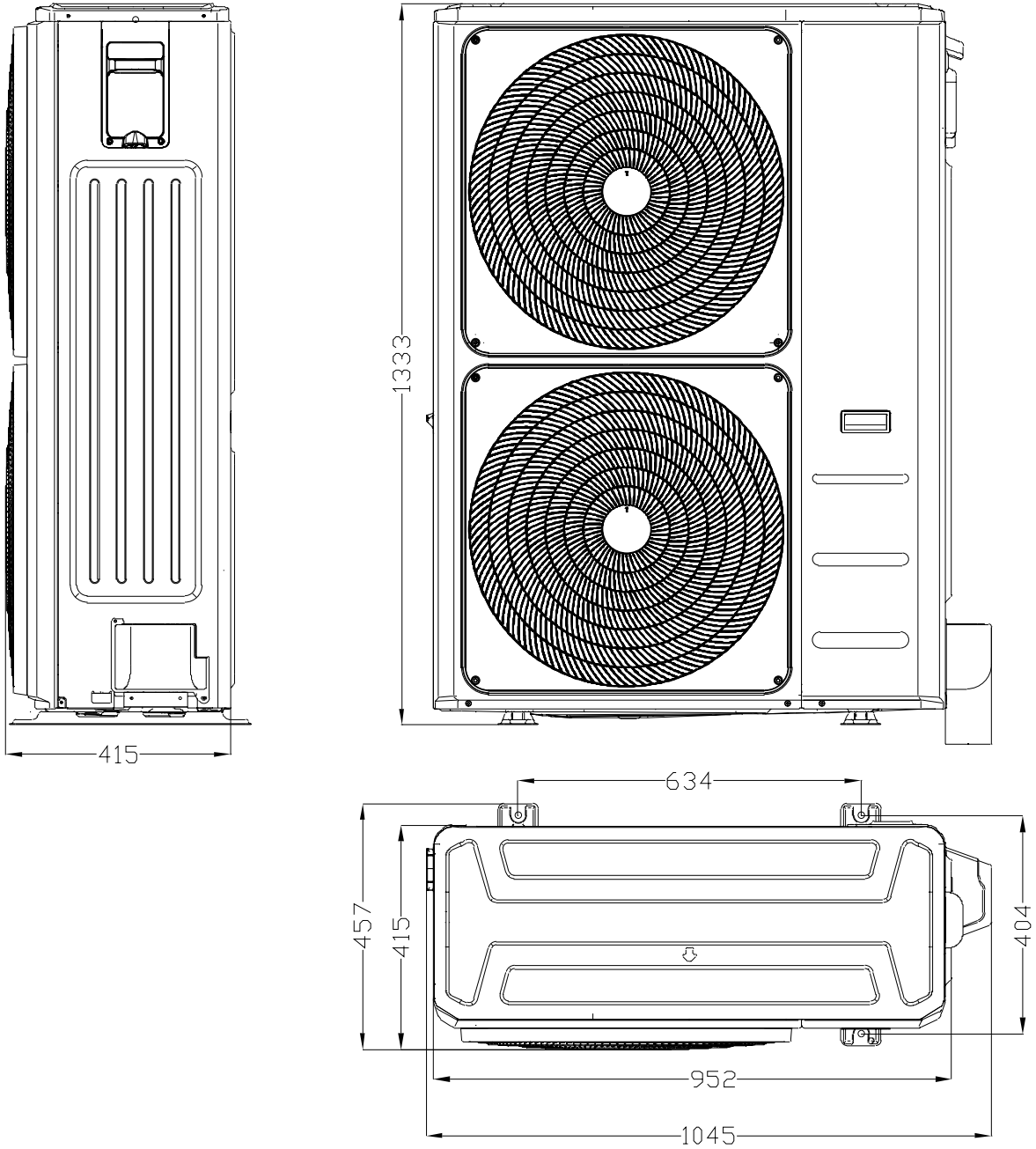
Panel Plate D30



# Dimensional Drawings

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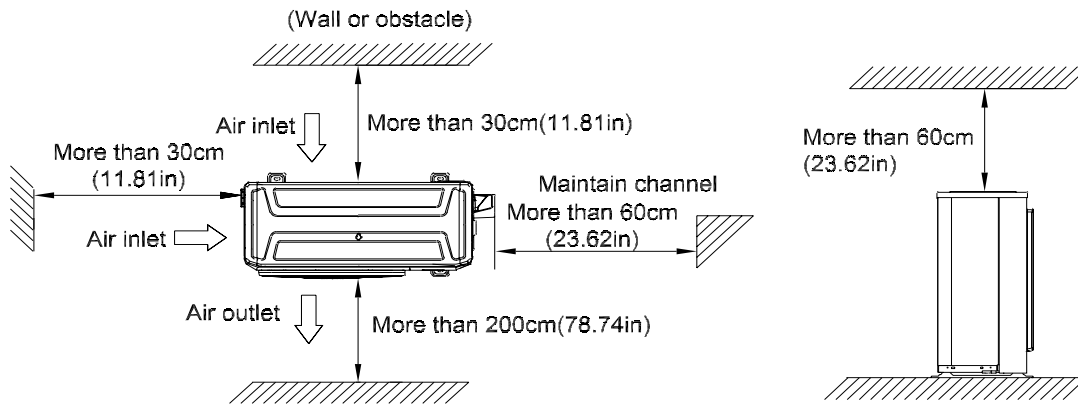
## Panel Plate E30



# Service Place

---

## 2. Service Place



# Capacity Correction Factor for Height Difference

## 3. Capacity Correction Factor for Height Difference

Capacity(Btu/h)	18k		Pipe Length (m)			
Cooling			5	10	15	25
Height difference H (m)	Indoor Upper than Outdoor	15			0.937	0.918
		10		0.971	0.947	0.927
		5	0.995	0.980	0.956	0.937
		0	1.000	0.985	0.961	0.941
	Outdoor Upper than Indoor	-5	1.000	0.985	0.961	0.941
		-10		0.985	0.961	0.941
		-15			0.961	0.941
Heating			5	10	20	30
Height difference H (m)	Indoor Upper than Outdoor	15			0.991	0.986
		10		0.996	0.991	0.986
		5	1.000	0.996	0.991	0.986
		0	1.000	0.996	0.991	0.986
	Outdoor Upper than Indoor	-5	0.992	0.989	0.983	0.978
		-10		0.981	0.975	0.970
		-15			0.967	0.962

# Capacity Correction Factor for Height Difference

Capacity (Btu/h)		24k		Pipe Length (m)			
		Cooling		5	10	15	25
Height difference H (m)	Indoor Upper than Outdoor	15				0.943	0.910
		10		0.969		0.952	0.919
		5	0.995	0.978		0.962	0.929
		0	1.000	0.983		0.967	0.933
	Outdoor Upper than Indoor	-5	1.000	0.983		0.967	0.933
		-10		0.983		0.967	0.933
-15						0.933	
		Heating		5	10	20	30
Height difference H (m)	Indoor Upper than Outdoor	15				0.990	0.981
		10		0.995		0.990	0.981
		5	1.000	0.995		0.990	0.981
		0	1.000	0.995		0.990	0.981
	Outdoor Upper than Indoor	-5	0.992	0.987		0.983	0.973
		-10		0.979		0.975	0.965
-15					0.967	0.958	

Capacity (Btu/h)		30k		Pipe Length (m)					
		Cooling		5	10	15	20	25	30
Height difference H (m)	Indoor Upper than Outdoor	20					0.909	0.894	0.878
		15			0.939		0.923	0.907	0.892
		10		0.969	0.953		0.937	0.921	0.905
		5	0.995	0.979	0.963		0.947	0.931	0.915
		0	1.000	0.984	0.968		0.951	0.935	0.919
	Outdoor Upper than Indoor	-5	1.000	0.984	0.968		0.951	0.935	0.919
		-10		0.984	0.968		0.951	0.935	0.919
		-15			0.968		0.951	0.935	0.919
-20						0.951	0.935	0.919	
		Heating		5	10	15	20	25	30
Height difference H (m)	Indoor Upper than Outdoor	20					0.984	0.978	0.973
		15			0.989		0.984	0.978	0.973
		10		0.995	0.989		0.984	0.978	0.973
		5	1.000	0.995	0.989		0.984	0.978	0.973
		0	1.000	0.995	0.989		0.984	0.978	0.973
	Outdoor Upper than Indoor	-5	0.992	0.987	0.981		0.976	0.970	0.965
		-10		0.979	0.973		0.968	0.963	0.957
		-15			0.966		0.960	0.955	0.950
-20						0.953	0.947	0.942	

# Capacity Correction Factor for Height Difference

Capacity (Btu/h)	36k		Pipe Length (m)					
	Cooling		5	10	15	20	25	30
Height difference H (m)	Indoor Upper than Outdoor	20				0.906	0.890	0.874
		15			0.937	0.920	0.904	0.887
		10		0.968	0.951	0.934	0.917	0.900
		5	0.995	0.978	0.961	0.944	0.927	0.909
	Outdoor Upper than Indoor	0	1.000	0.983	0.966	0.948	0.931	0.914
		-5	1.000	0.983	0.966	0.948	0.931	0.914
		-10		0.983	0.966	0.948	0.931	0.914
		-15			0.966	0.948	0.931	0.914
		-20			0.948	0.931	0.914	
	Heating		5	10	15	20	25	30
Height difference H (m)	Indoor Upper than Outdoor	20				0.975	0.967	0.959
		15			0.984	0.975	0.967	0.959
		10		0.992	0.984	0.975	0.967	0.959
		5	1.000	0.992	0.984	0.975	0.967	0.959
	Outdoor Upper than Indoor	0	1.000	0.992	0.984	0.975	0.967	0.959
		-5	0.992	0.984	0.976	0.967	0.959	0.951
		-10		0.976	0.968	0.960	0.952	0.943
		-15			0.960	0.952	0.944	0.936
		-20			0.944	0.936	0.928	

Capacity (Btu/h)	42k		Pipe Length (m)					
	Cooling		5	10	20	30	40	50
Height difference H (m)	Indoor Upper than Outdoor	30				0.868	0.833	0.797
		20			0.917	0.881	0.845	0.809
		10		0.967	0.931	0.894	0.858	0.822
		5	0.995	0.977	0.940	0.903	0.867	0.830
	Outdoor Upper than Indoor	0	1.000	0.982	0.945	0.908	0.871	0.834
		-5	1.000	0.982	0.945	0.908	0.871	0.834
		-10		0.982	0.945	0.908	0.871	0.834
		-20			0.945	0.908	0.871	0.834
		-30			0.908	0.871	0.834	
	Heating		5	10	20	30	40	50
Height difference H (m)	Indoor Upper than Outdoor	30				0.958	0.941	0.925
		20			0.975	0.958	0.941	0.925
		10		0.992	0.975	0.958	0.941	0.925
		5	1.000	0.992	0.975	0.958	0.941	0.925
	Outdoor Upper than Indoor	0	1.000	0.992	0.975	0.958	0.941	0.925
		-5	0.992	0.984	0.967	0.950	0.934	0.917
		-10		0.976	0.959	0.943	0.926	0.910
		-20			0.952	0.935	0.919	0.903
		-30			0.928	0.912	0.895	

# Capacity Correction Factor for Height Difference

Capacity (Btu/h)		48k		Pipe Length (m)				
Cooling		5	10	20	30	40	50	
Height difference H (m)	Indoor Upper than Outdoor	30				0.867	0.831	0.795
		20			0.916	0.880	0.844	0.808
		10		0.967	0.930	0.893	0.857	0.820
		5	0.995	0.976	0.939	0.902	0.865	0.828
	0	1.000	0.981	0.944	0.907	0.870	0.832	
	Outdoor Upper than Indoor	-5	1.000	0.981	0.944	0.907	0.870	0.832
		-10		0.981	0.944	0.907	0.870	0.832
		-20			0.944	0.907	0.870	0.832
-30					0.907	0.870	0.832	
Heating		5	10	20	30	40	50	
Height difference H (m)	Indoor Upper than Outdoor	30				0.953	0.934	0.916
		20			0.972	0.953	0.934	0.916
		10		0.991	0.972	0.953	0.934	0.916
		5	1.000	0.991	0.972	0.953	0.934	0.916
	0	1.000	0.991	0.972	0.953	0.934	0.916	
	Outdoor Upper than Indoor	-5	0.992	0.983	0.964	0.945	0.927	0.908
		-10		0.975	0.956	0.938	0.919	0.901
		-20			0.949	0.930	0.912	0.894
-30					0.923	0.905	0.887	

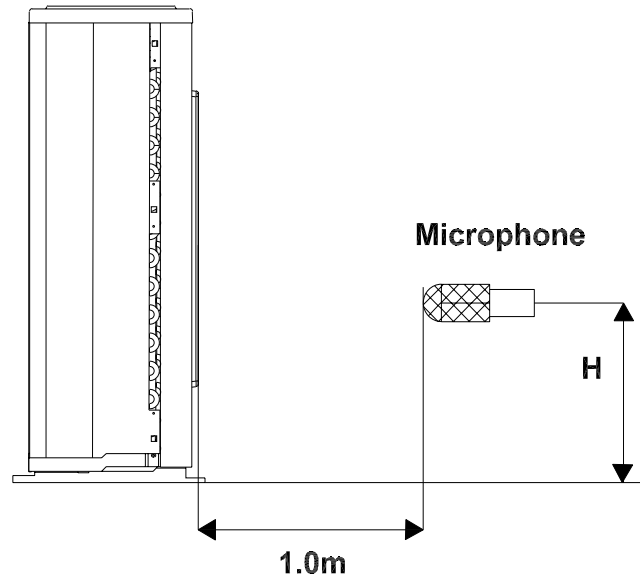
Capacity (Btu/h)		55k		Pipe Length (m)				
Cooling		5	10	20	30	40	50	
Height difference H (m)	Indoor Upper than Outdoor	30				0.851	0.808	0.766
		20			0.906	0.864	0.821	0.778
		10		0.963	0.920	0.877	0.833	0.790
		5	0.995	0.973	0.929	0.886	0.842	0.798
	0	1.000	0.978	0.934	0.890	0.846	0.802	
	Outdoor Upper than Indoor	-5	1.000	0.978	0.934	0.890	0.846	0.802
		-10		0.978	0.934	0.890	0.846	0.802
		-20			0.934	0.890	0.846	0.802
-30					0.890	0.846	0.802	
Heating		5	10	20	30	40	50	
Height difference H (m)	Indoor Upper than Outdoor	30				0.950	0.930	0.910
		20			0.970	0.950	0.930	0.910
		10		0.990	0.970	0.950	0.930	0.910
		5	1.000	0.990	0.970	0.950	0.930	0.910
	0	1.000	0.990	0.970	0.950	0.930	0.910	
	Outdoor Upper than Indoor	-5	0.992	0.982	0.962	0.942	0.922	0.902
		-10		0.974	0.954	0.935	0.915	0.895
		-20			0.947	0.927	0.907	0.888
-30					0.920	0.900	0.881	



# Noise Criterion Curves

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## 4. Noise Criterion Curves



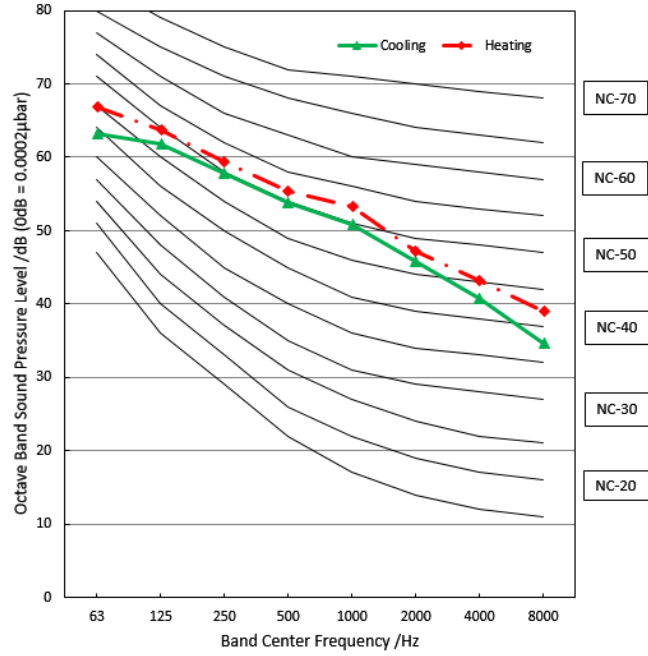
Note:  $H = 0.5 \times$  height of outdoor unit

### Notes:

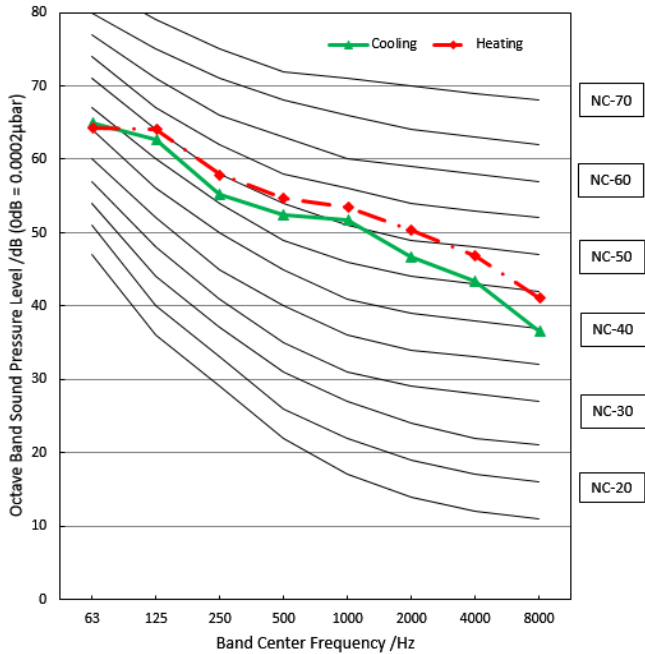
- Sound measured at 1.0m away from the center of the unit.
- Data is valid at free field condition
- Data is valid at nominal operation condition
- Reference acoustic pressure  $OdB=20\mu Pa$
- Sound level will vary depending on arrangement of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.
- The operating conditions are assumed to be standard.

# Noise Criterion Curves

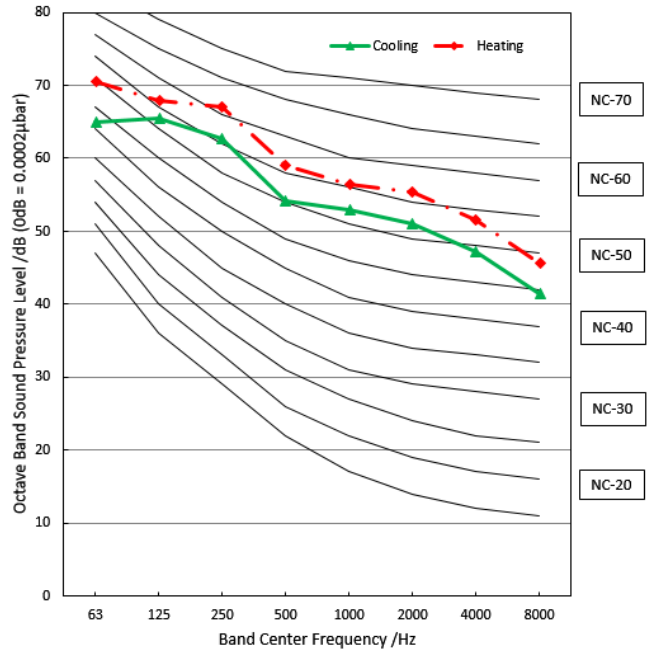
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4TXKUA24TB000DC

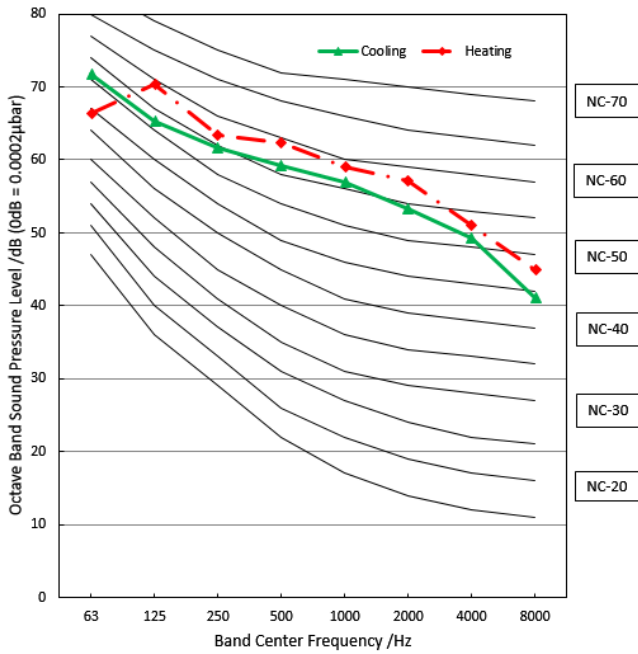


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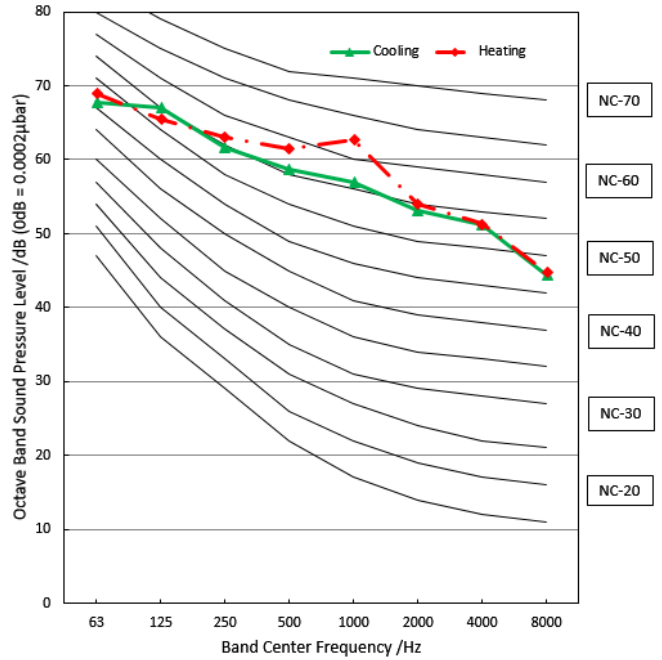


# Noise Criterion Curves

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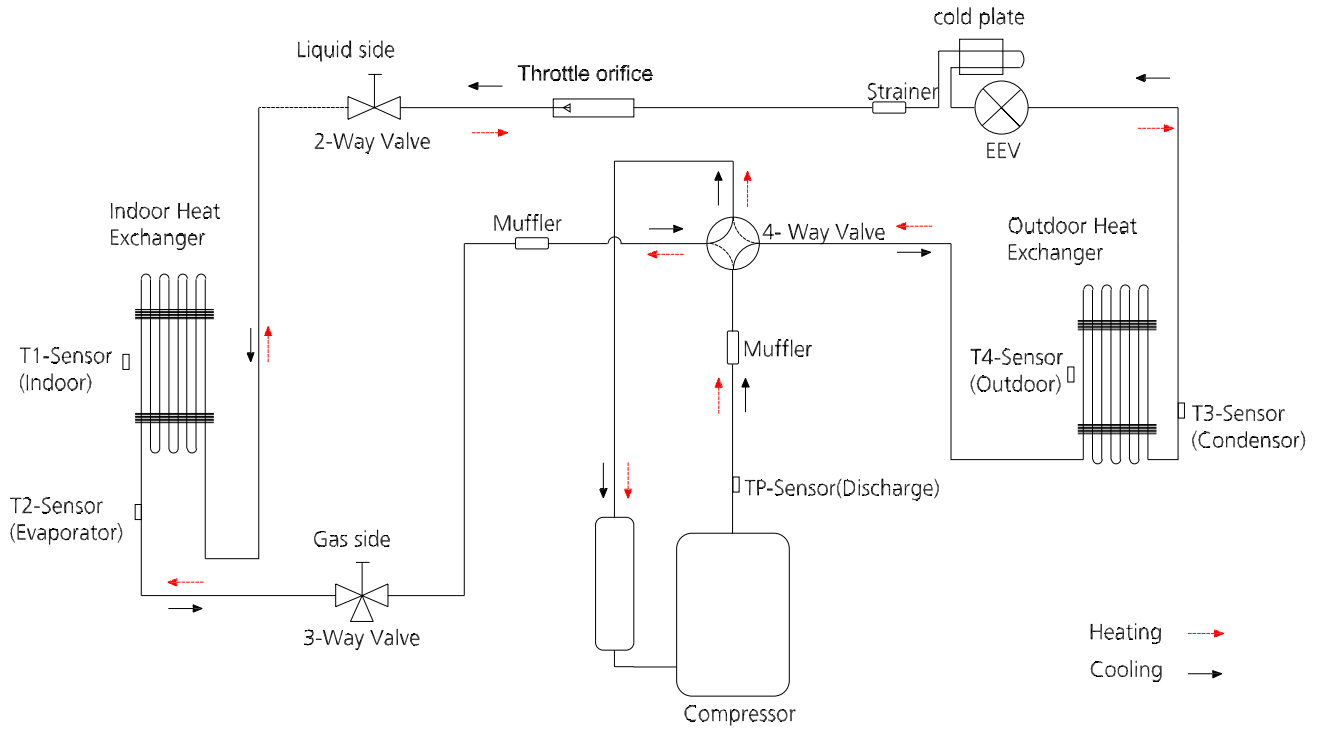


4TXKUA60TB000DC



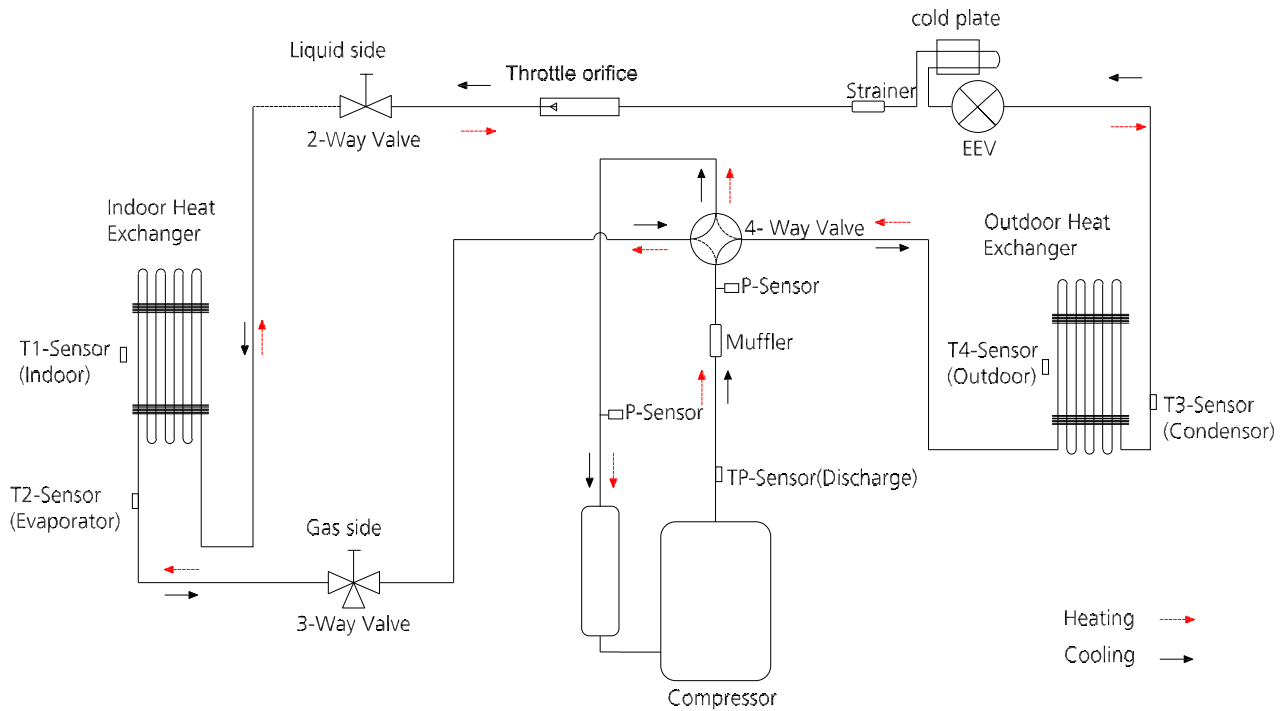
# Refrigerant Cycle Diagrams

## 5. Refrigerant Cycle Diagrams



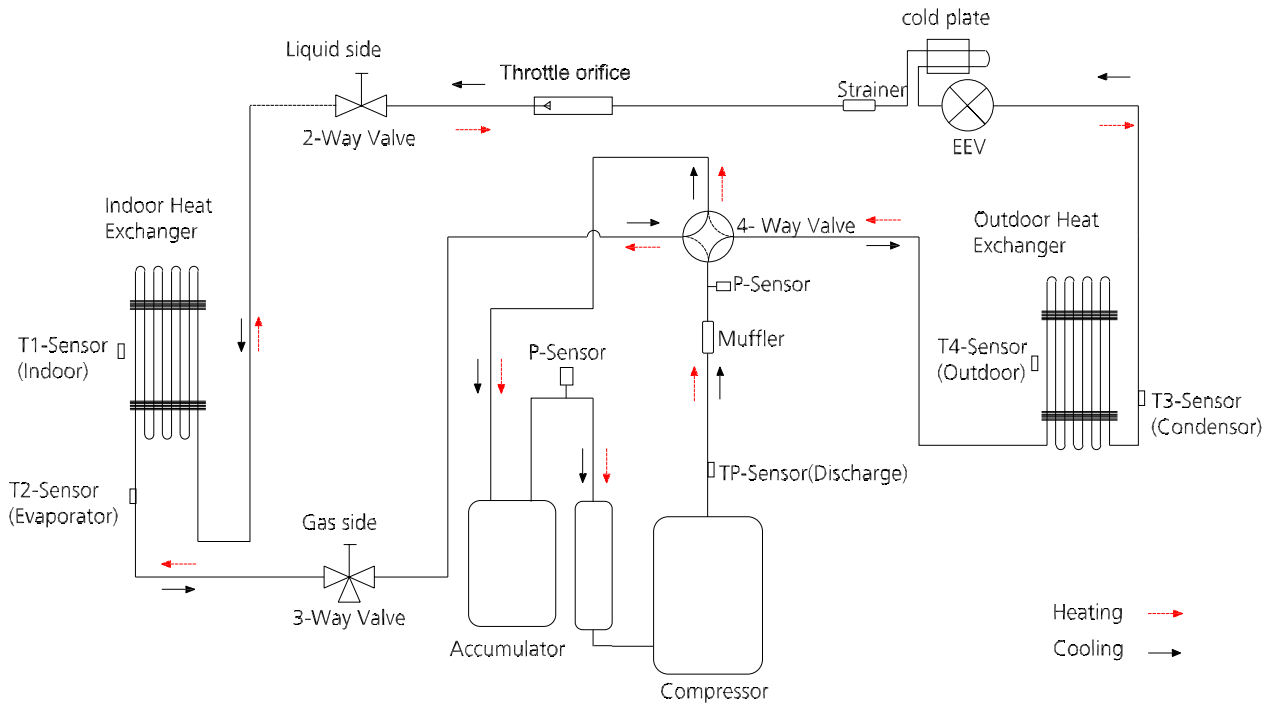
Model(Btu/h)	Pipe Size (Diameter:ø) mm(inch)		Piping length (m/ft)		Elevation (m/ft)		Additional Refrigerant
	Gas	Liquid	Rated	Max.	Rated	Max.	
18k	12.7(1/2)	6.35(1/4)	5/16.4	25/82	0	15/49.2	15g/m (0.16oz/ft)
24k	15.9(5/8)	9.52(3/8)	5/16.4	25/82	0	15/49.2	30g/m (0.32oz/ft)

# Refrigerant Cycle Diagrams



Model No.	Pipe Size (Diameter:ø) mm(inch)		Piping length (m/ft)		Elevation (m/ft)		Additional Refrigerant
	Gas	Liquid	Rated	Max.	Rated	Max.	
36k	19(3/4)	9.52(3/8)	5/16.4	30/98.4	0	20/65.6	30g/m (0.32oz/ft)

# Refrigerant Cycle Diagrams



Model No.	Pipe Size (Diameter:ø) mm(inch)		Piping length (m/ft)		Elevation (m/ft)		Additional Refrigerant
	Gas	Liquid	Rated	Max.	Rated	Max.	
48k	19(3/4)	9.52(3/8)	5/16.4	50/164	0	30/98.4	30g/m (0.32oz/ft)
60k	22(7/8)	9.52(3/8)					

# Electrical Wiring Diagrams

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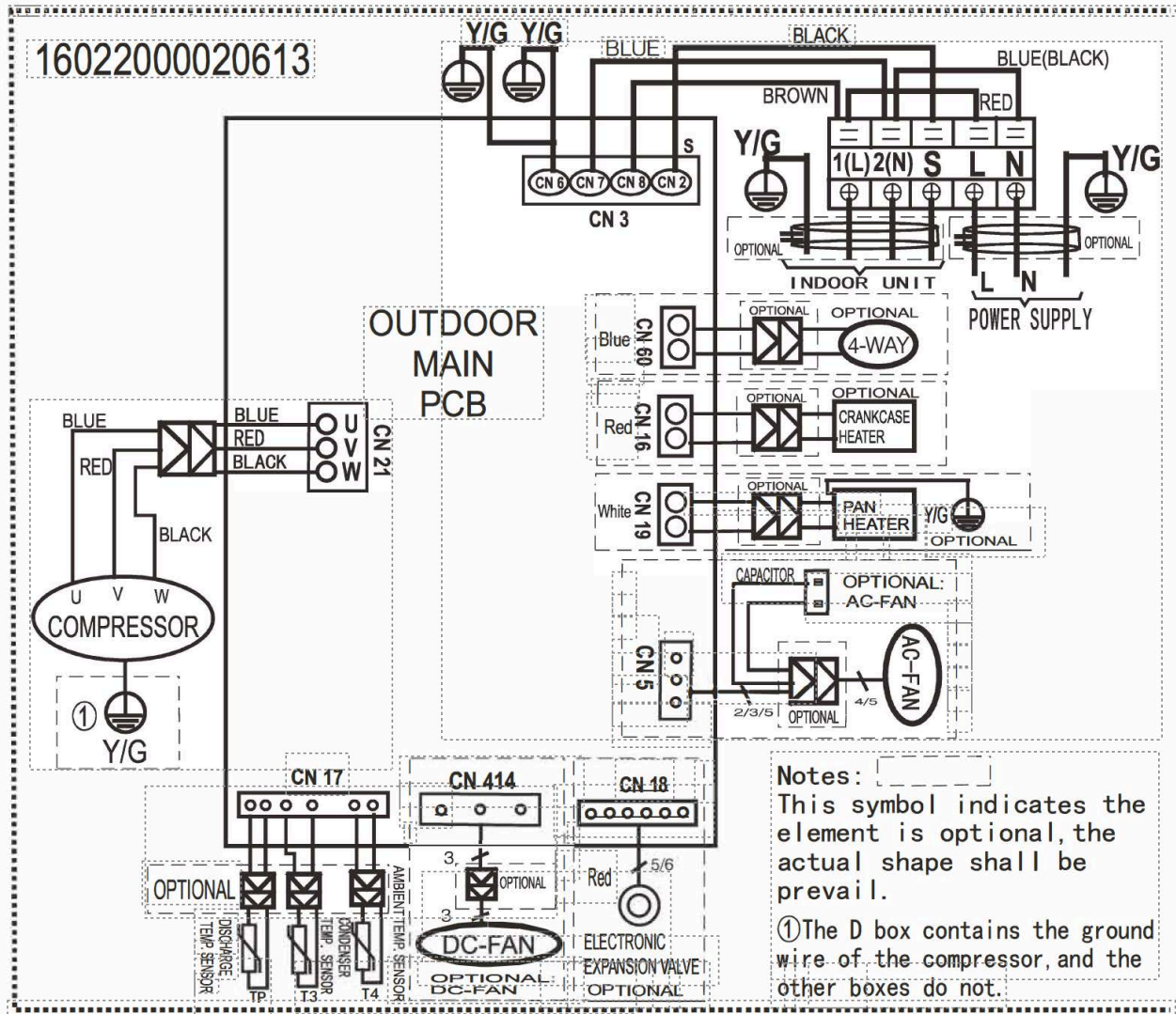
## 6. Electrical Wiring Diagrams

ODU Model	ODU Wiring Diagram
4TXKUA18TB000DC	16022000020613
4TXKUA24TB000DC	
4TXKUA36TB000DC	16022000033634
4TXKUA48TB000DC	16022000035289
4TXKUA60TB000DC	

ODU Model	ODU Main Printed Circuit Board	Inverter module printed board
4TXKUA18TB000DC	17122000048064	/
4TXKUA24TB000DC		
4TXKUA36TB000DC	17122000047742	
4TXKUA48TB000DC	17122000037804	17122000042012
4TXKUA60TB000DC		

# Electrical Wiring Diagrams

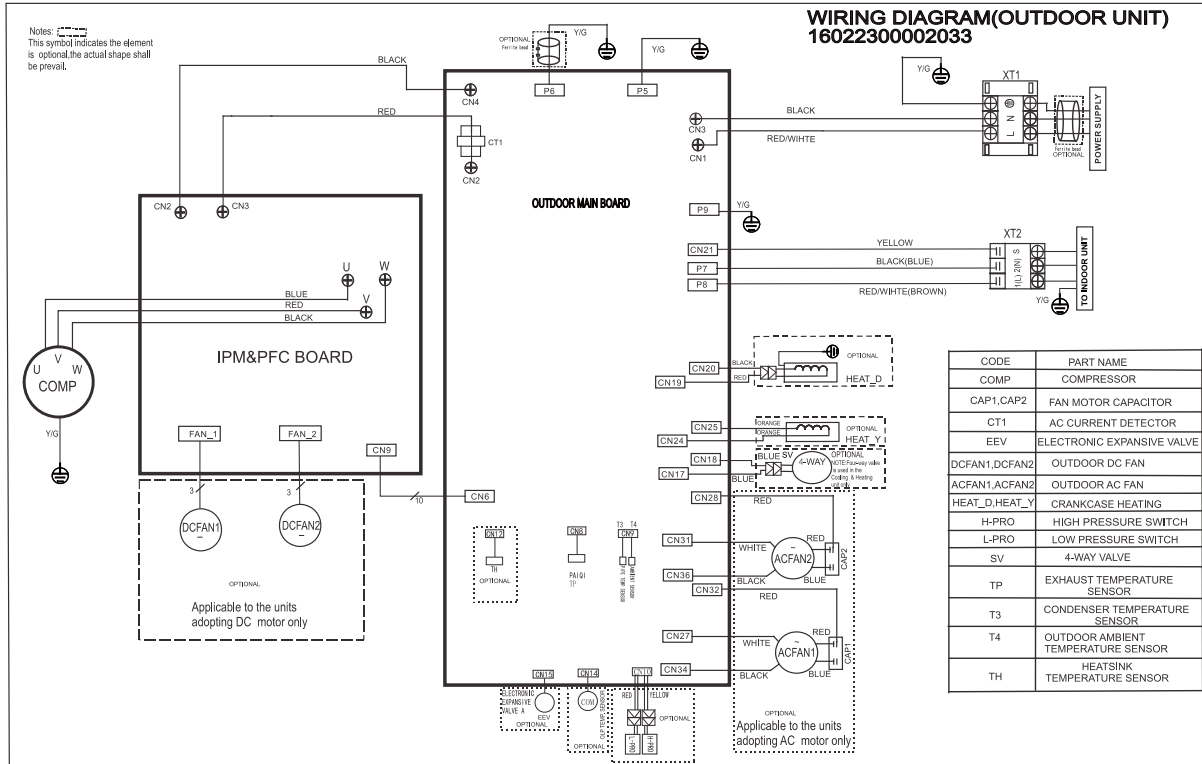
Outdoor unit wiring diagram: 16022000020613





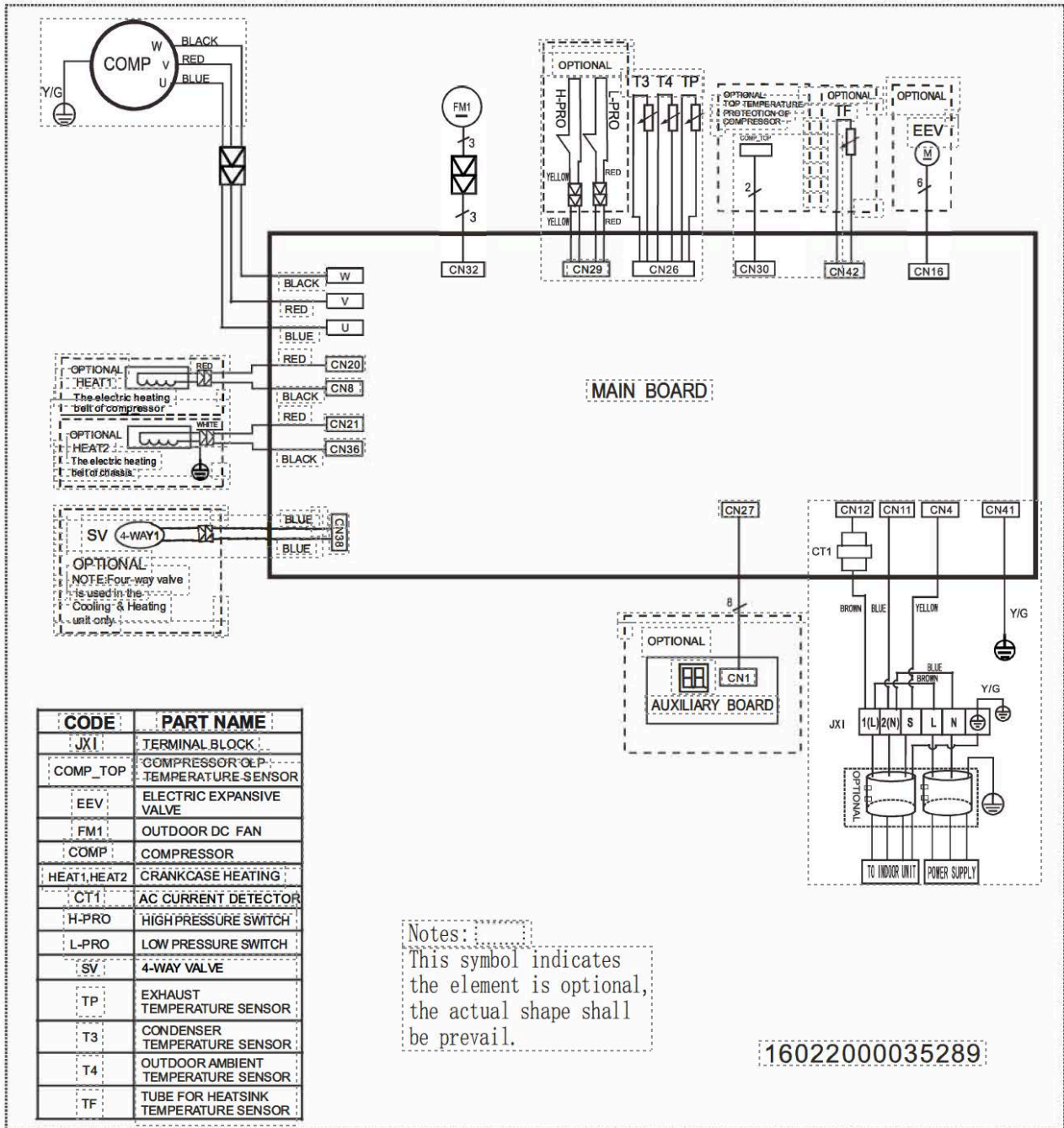
# Electrical Wiring Diagrams

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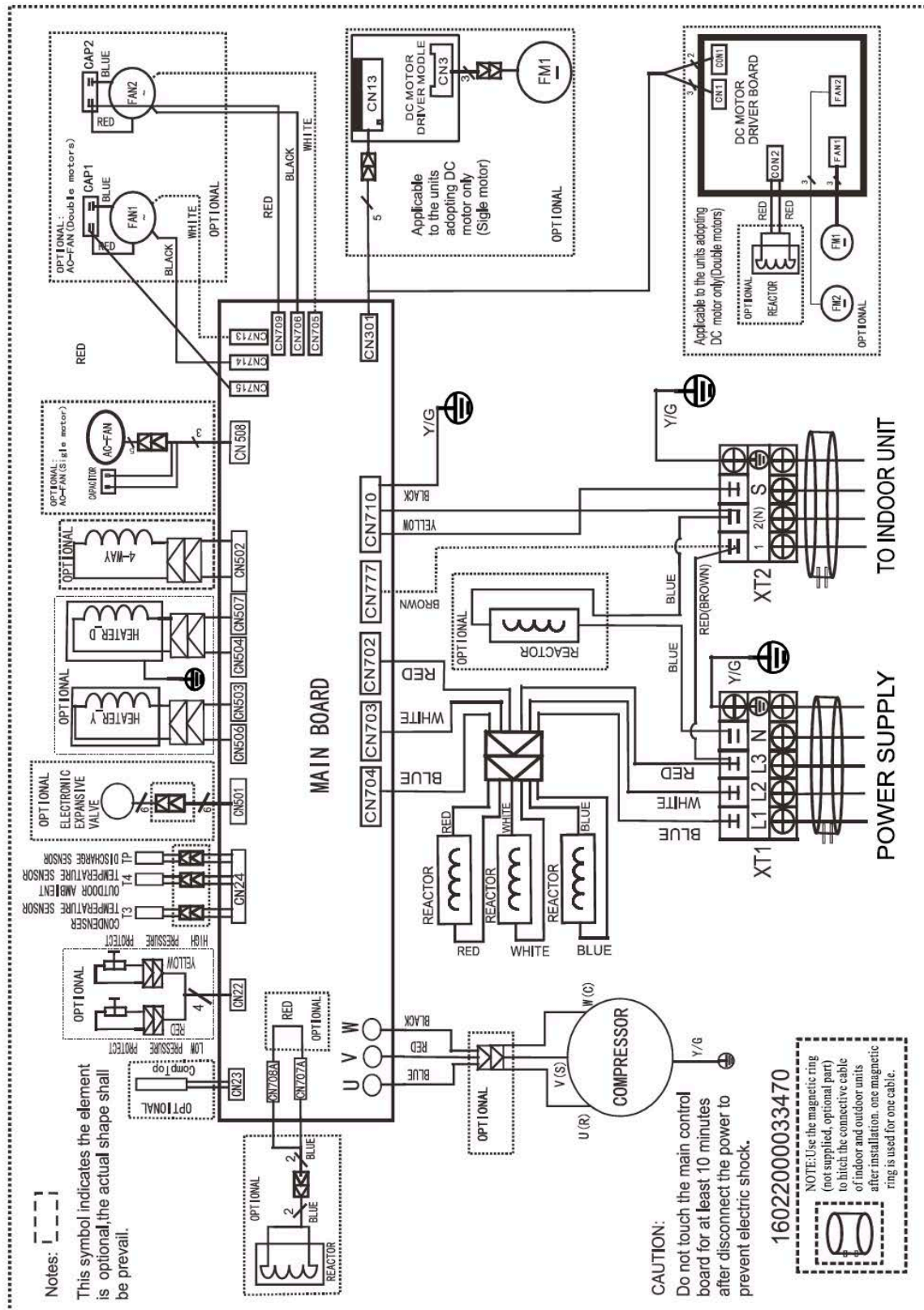
# Electrical Wiring Diagrams

Outdoor unit wiring diagram: 16022000035289



# Electrical Wiring Diagrams

Outdoor unit wiring diagram: 1602200033470





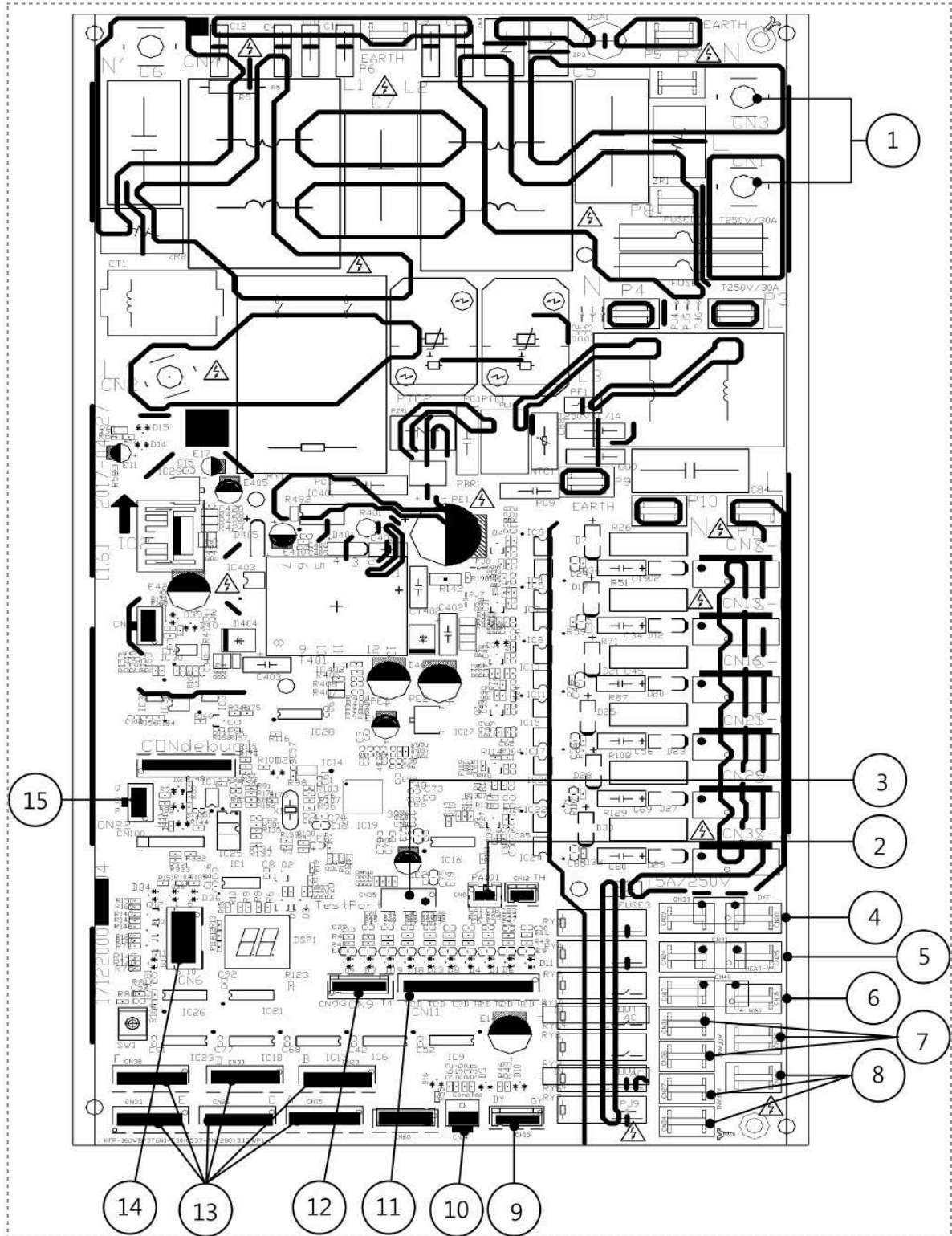
## Electrical Wiring Diagrams

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No.	Name	CN#	Meaning
1	Power Supply	CN6	Earth: connect to Ground
		CN7	N_in: connect to N-line (208-230V AC input)
		CN8	L_in: connect to L-line (208-230V AC input)
2	S	CN2	S: connect to indoor unit communication
3	4-WAY	CN60	connect to 4 way valve, 208-230V AC when is ON.
4	AC-FAN	CN5	connect to AC fan
5	HEAT2	CN19	connect to chassis heater, 208-230V AC when is ON
6	TP T4 T3	CN17	connect to pipe temp. sensor T3, ambient temp. sensor T4, exhaust temp. sensor TP
7	PMV	CN18	connect to Electric Expansion Valve
8	HEAT1	CN16	connect to compressor heater, 208-230V AC when is ON
9	DC-FAN	CN414	connect to DC fan
10	TESTPORT	CN23	used for testing
11	FAN_IPM	IPM501	IPM for DC fan
12	COMP_IPM	IPM1	IPM for compressor
13	U	CN27	connect to compressor
	V	CN28	0V AC (standby)
	W	CN29	200-300V AC (running)
14	EE_PORT	CN505	EEPROM programmer port

# Electrical Wiring Diagrams

Outdoor unit printed circuit board diagram: 1712200037804



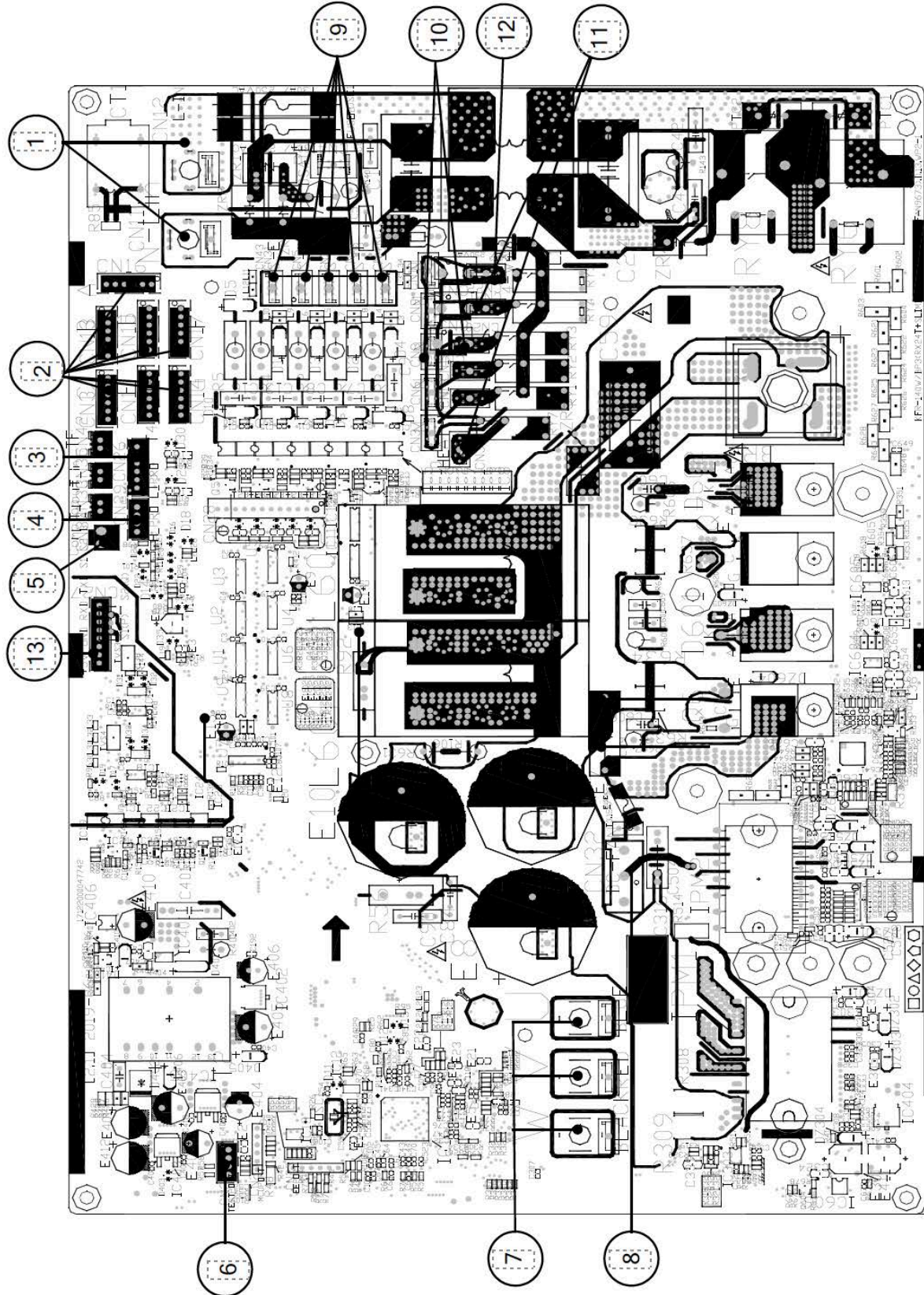
## Electrical Wiring Diagrams

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No.	Name	CN#	Meaning
1	Power Supply	CN1	L1_in: connect to L1-line (230V AC input)
		CN3	L2_in: connect to L2-line (230V AC input)
2	TP	CN8	Exhaust temp. sensor TP
3	TESTPORT	CN35	used for testing
4	HEAT1	CN19/CN20	connect to chassis heater, 208-230V AC when is ON
5	HEAT2	CN24/CN25	connect to compressor heater, 208-230V AC when is ON
6	4-WAY	CN17/CN18	connect to 4 way valve, 208-230V AC when is ON.
7	AC-FAN2	CN31/CN36/CN28	connect to AC fan2
8	AC-FAN1	CN27/CN34/CN32	connect to AC fan1
9	H-PRO/L-PRO	CN10	connect to low&high pressure switch
10	Compressor Top	CN14	connect to compressor top temperature sensor
11	T2B	CN11	connect to pipe temp. sensor T2B
12	T4 T3	CN9	connect to pipe temp. sensor T3, ambient temp. sensor T4
13	PMV	CN15/CN23/ CN26/CN30/ CN33/CN38	connect to Electric Expansion Valve(A~F)
14	/	CN6	connect to IPM&PFC board CN9
15	PQE	CN22	Communication to indoor unit

# Electrical Wiring Diagrams

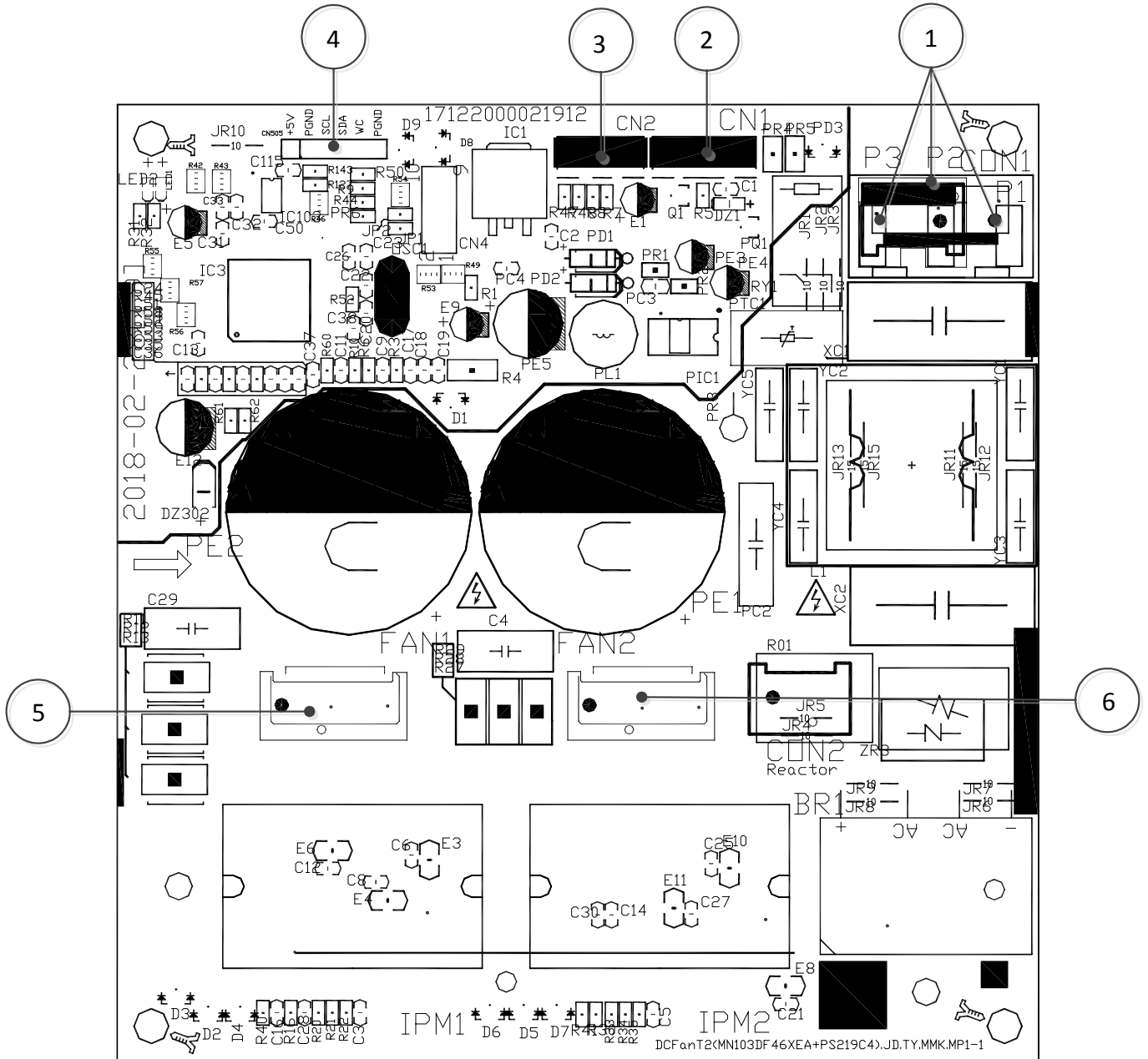
Outdoor unit printed circuit board diagram: 17122000047742





# Electrical Wiring Diagrams

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