



AZURI[®]

SERVICE MANUAL





DELTRON[®]

Product List

List of Units

Lists of ODU





Model	Power Supply	Product Code	Appearance
	V/Ph/Hz		
ZUD35W1/NhA-S ZUD35W1/NhA-S(LCLH)	220-240V ~50/60Hz	CF090W2180 CF090W2181	
ZUD50W1/NhA-S ZUD50W1/NhA-S(LCLH)		CF090W2160 CF090W2161	
ZUD71W1/NhA-S ZUD71W1/NhA-S(LCLH)		CF090W2170 CF090W2171	
ZUD85W1/NhA-S ZUD85W1/NhA-S(LCLH)		CF090W2420 CF090W2421	
ZUD100W1/NhA-S ZUD100W1/NhA-S(LCLH)		CF090W2330 CF090W2331	
ZUD125W1/NhA-S ZUD125W1/NhA-S(LCLH)		CF090W2200 CF090W2201	
ZUD140W1/NhA-S ZUD140W1/NhA-S(LCLH)		CF090W2430 CF090W2431	

Model	Power Supply	Product Code	Appearance
	V/Ph/Hz		
ZUD100W1/NhA-X ZUD100W1/NhA-X(LCLH)	380-415V 3N~50/60Hz	CF090W2340 CF090W2341	
ZUD125W1/NhA-X ZUD125W1/NhA-X(LCLH)		CF090W2190 CF090W2191	
ZUD140W1/NhA-X ZUD140W1/NhA-X(LCLH)		CF090W2230 CF090W2231	
ZUD160W1/NhA-X ZUD160W1/NhA-X(LCLH)		CF090W2470 CF090W2471	

Notes:

- LCLH mean the outdoor unit with electrical heater on the chassis
- 1 Ton =12000Btu/h = 3.517kW
- If one outdoor unit is to be connected with multiple indoor units, the indoor units must have the same cooling capacity and be of the same type.

List of IDUs

Model		Rated Cooling/ Heating Capacity (kW)	Product Code	Appearance	
Cassette Type	AUD35T1/A-S	3.5/4.0	ET010N2320		
	AUD 50T1/A1-S	5.0/5.6	ET010N2440		
	AUD 50T1/A-S	5.3/5.8	ET010N2310		
	AUD 71T1/A-S	7.1/8.0	ET010N2330		
	AUD 85T1/A-S	8.5/8.8	ET010N2480		
	AUD 100T1/A-S	10.5/11.5	ET010N2400		
	AUD 125T1/A-S	12.1/13.5	ET010N2410		
	AUD 140T1/A-S	13.4/15.5	ET010N2370		
	AUD 160T1/A-S	开发中	ET010N2511		

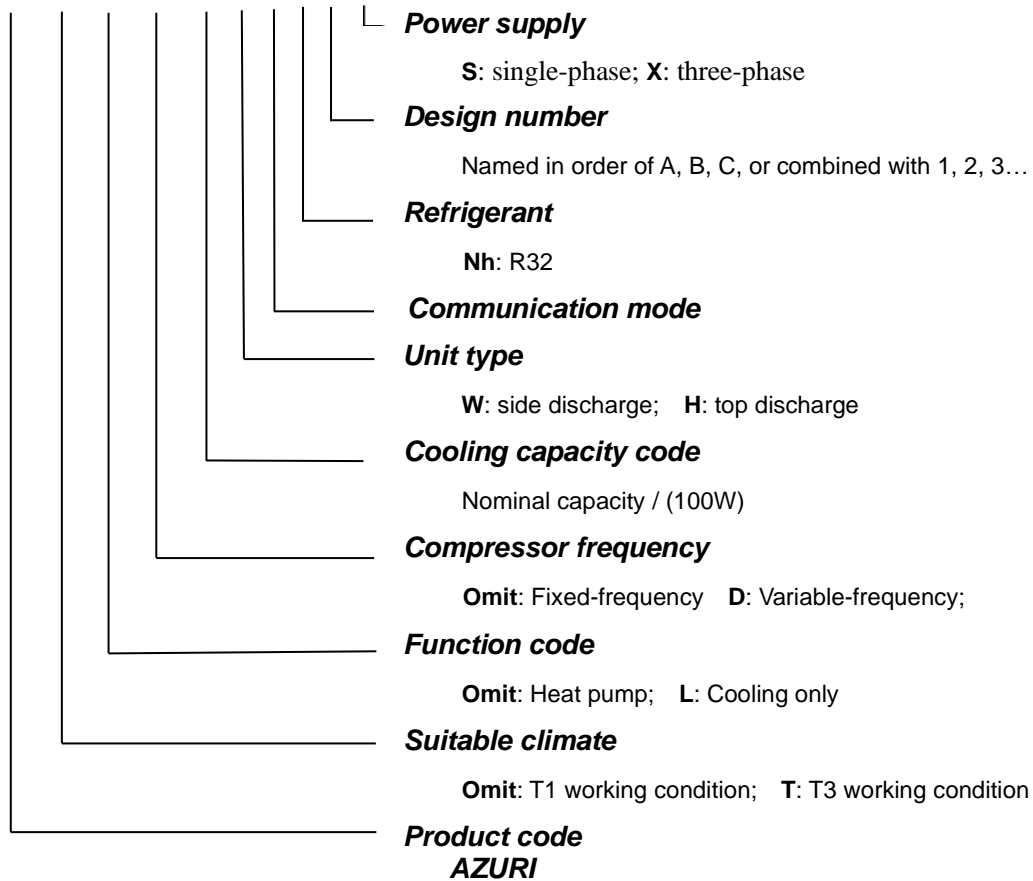
Model		Rated Cooling/ Heating Capacity (kW)	Product Code	Appearance
Duct Type	AUD 35P1/A-S AUD 35PS1/A-S	3.5/4.0	CF022N3970 CF022N3980	
	AUD 50P1/A-S AUD 50PS1/A-S	5.3/5.6	CF022N3960 CF022N3950	
	AUD 71PH1/A-S AUD 71PHS1/A-S	7.1/8.0	CF022N3930 CF022N3940	
	AUD 85PH1/A-S AUD 85PHS1/A-S	8.5/8.5	CF022N4310 CF022N4300	
	AUD 100PH1/A-S AUD 100PHS1/A-S	10.5/11.5	CF022N4170 CF022N4160	
	AUD 125PH1/A-S AUD 125PHS1/A-S	12.1/13.5	CF022N4000 CF022N3990	
	AUD 140PH1/A-S AUD 140PHS1/A-S	13.4/15.5	CF022N4110 CF022N4120	
	AUD 160PH1/A-S AUD 160PHS1/A-S	开发中	CF022N4390 CF022N4400	

Nomenclature

Nomenclature of Outdoor Unit

Basic structure of outdoor unit model designation.

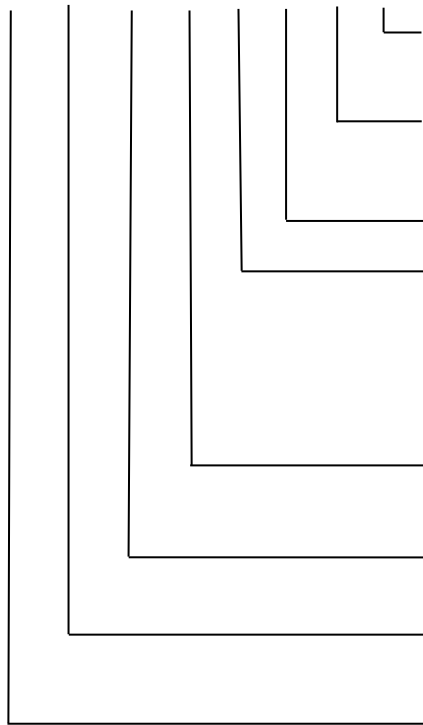
AU □ □ □ □ □ 1/□□-□



Nomenclature of Indoor Unit

Basic structure of indoor unit model designation.

AU □ □ □ □ 1 / □ - □



Power supply

S: 220-240V ~50/60Hz

Design number

Named in order of A, B, C,

Communication mode

Unit type

T: cassette type; **ZD:** Ceiling type; **P:** common duct type;

PS: common duct type with water pump; **PH:** high static pressure duct type;

PHS: high static pressure duct type with water pump

Cooling capacity code

Nominal capacity / (100W)

Motor type

Omit: AC motor ; **D:**DC motor

Function code

Omit: Heat pump; **L:** Cooling only

Product code AZURI

Cassette Type Data

Model	Indoor Unit		AUD35T1/A-S	AUD50T1/A1-S	AUD50T1/A-S
	Outdoor Unit		ZUD35W1/NhA-S	ZUD50W1/NhA-S	ZUD50W1/NhA-S
Rated Capacity	Cooling	kW	3.5	5.0	5.3
	Heating	kW	4.0	5.6	5.8
Input Power	Cooling	kW	0.92	1.47	1.54
	Heating	kW	1.00	1.60	1.50
EER/ COP		W/W	3.80/4.00	3.40/3.50	3.45/3.95
SEER/SCOP		—	7.10/4.20	6.60/4.00	7.20/4.30
Energy Class (Cooling /Heating)		—	A++/A+	A++/A+	A++/A+
Indoor Unit			AUD35T1/A-S	AUD50T1/A1-S	AUD50T1/A-S
Power Supply			220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin	Inner Groove Copper Tube-Aluminum Fin	Inner Groove Copper Tube-Aluminum Fin
Fan Motor	Type	—	Centrifugal Fan	Centrifugal Fan	Centrifugal Fan
	Air Volume	m3/h	640/620/580/480	720/650/600/500	900/800/700/600
Filter		—	PP-MD10	PP-MD10	PP-MD10
Sound Pressure Level(SH/H/M/L)		dB(A)	36/35/33/29	43/41/39/35	36/35/33/31
Connection Pipe	Liquid Pipe	in.	1/4	1/4	1/4
	Gas Pipe	in.	3/8	1/2	1/2
	Water Pipe	mm	Φ25*1.50	Φ25*1.50	Φ25*1.50
Dimensions (W×D×H)	Outline	mm	570×570×260	570×570×260	840×840×200
	Package	mm	698×653×295	698×653×295	943×923×245
Weight	Net/Gross	kg	16.5/21	16.5/21	21/27
Panel Dimensions (W×D×H)	Outline	mm	620×620×47.5	620×620×47.5	950×950×52
	Packaged	mm	693×693×115	693×693×115	1033×1020×110
Panel Weight	Net/Gross	kg	3.0/4.5	3.0/4.5	6.0/9.5
ODU			ZUD35W1/NhA-S	ZUD50W1/NhA-S	ZUD50W1/NhA-S
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin	Inner Groove Copper Tube-Aluminum Fin	Inner Groove Copper Tube-Aluminum Fin
Power Supply			220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz
Compressor	Model		FTz-AN108ACBD	QXF-A120zH170A	QXF-A120zH170A
	Type		Rotary	Rotary	Rotary
Fan Motor	Type	—	Axial fan	Axial fan	Axial fan
	Air Volume	m3/h	1950	2200	2200
Sound Pressure Level		dB(A)	48	52	52
Refrigerant	Type		R32	R32	R32
	Weight	kg	0.57	0.85	0.85
	Throttling Method		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Connection Pipe	Liquid Pipe	in.	1/4	1/4	1/4
	Gas Pipe	in.	3/8	1/2	1/2
Refrigerant Pipe	Standard	m	5	5	5
	Max. Length	m	30	30	30
	Max. Height	m	15	20	20
Dimensions (W×D×H)	Outline	mm	675×285×553	745×300×555	745×300×555
	Package	mm	794×376×605	872×398×609	872×398×609
Weight	Net/Gross	kg	24.5/27	30.5/33	30.5/33

Model	Indoor Unit		AUD71T1/A-S	AUD85T1/A-S
	Outdoor Unit		ZUD71W1/NhA-S	ZUD85W1/NhA-S
Rated Capacity	Cooling	kW	7.1	8.5
	Heating	kW	8.0	8.8
Input Power	Cooling	kW	2.03	2.50
	Heating	kW	2.00	2.25
EER/ COP		W/W	3.5/4.0	3.40/3.90
SEER/SCOP		—	6.7/4.3	6.90/4.30
Energy Class (Cooling /Heating)		—	A++/A+	A++/A+
Indoor Unit		AUD71T1/A-S		AUD85T1/A-S
Power Supply		220-240V ~50/60Hz		220-240V ~50/60Hz
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin	Inner Groove Copper Tube-Aluminum Fin
Fan Motor	Type	—	Centrifugal Fan	Centrifugal Fan
	Air Volume	m3/h	1100/1000/900/800	1400/1300/1100/1000
Filter		—	PP-MD10	PP-MD10
Sound Pressure Level(SH/H/M/L)		dB(A)	39/38/36/34	47/46/42/38
Connection Pipe	Liquid Pipe	in.	3/8	3/8
	Gas Pipe	in.	5/8	5/8
	Water Pipe	mm	Φ25*1.50	Φ25*1.50
Dimensions (W×D×H)	Outline	mm	840×840×200	840×840×200
	Package	mm	943×923×245	943×923×245
Weight	Net/Gross	kg	21/27	21/27
Panel Dimensions (W×D×H)	Outline	mm	950×950×52	950×950×52
	Packaged	mm	1033×1020×110	1033×1020×110
Panel Weight	Net/Gross	kg	6.0/9.5	6.0/9.5
ODU		ZUD71W1/NhA-S		ZUD85W1/NhA-S
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin	Inner Groove Copper Tube-Aluminum Fin
Power Supply		220-240V ~50/60Hz		220-240V ~50/60Hz
Compressor	Model		QXFS-M180zX170	QXFS-B238Zx070
	Type		Rotary	Rotary
Fan Motor	Type	—	Axial fan	Axial fan
	Air Volume	m3/h	3600	3600
Sound Pressure Level		dB(A)	55	57
Refrigerant	Type		R32	R32
	Weight	kg	1.5	1.5
	Throttling Method		Electronic Expansion valve	Electronic Expansion valve
Connection Pipe	Liquid Pipe	in.	3/8	3/8
	Gas Pipe	in.	5/8	5/8
Refrigerant Pipe	Standard	m	5	5
	Max.	m	30	30
	Max.	m	20	25
Dimensions (W×D×H)	Outline	mm	889×340×660	889×340×660
	Package	mm	1032×456×730	1032×456×730
Weight	Net/Gross	kg	41.5/45	46/50

	Indoor Unit	AUD100T1/A-S		
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Model	Indoor Unit Outdoor Unit		AUD100T1/A-S ZUD100W1/NhA-S	AUD125T1/A-S ZUD125W1/NhA-X	AUD140T1/A-S ZUD140W1/NhA-X
	Rated Capacity	Cooling	kW	10.5	12.1
Heating		kW	11.5	13.5	15.5
Input Power	Cooling	kW	3.10	3.90	4.60
	Heating	kW	2.95	4.00	4.70
EER/ COP		W/W	3.40/3.90	3.10/3.40	2.91/3.30
SEER/SCOP		—	6.60/4.40	6.10/4.10	6.30/4.00
Energy Class (Cooling /Heating)		—	A++/A+	A++/A+	A++/A+
Indoor Unit			AUD100T1/A-S	AUD125T1/A-S	AUD140T1/A-S
Power Supply			220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz
Heat Exchanger		—	Inner Groove Copper Tube- Aluminum Fin	Inner Groove Copper Tube- Aluminum Fin	Inner Groove Copper Tube-Aluminum Fin
Fan Motor	Type	—	Centrifugal Fan	Centrifugal Fan	Centrifugal Fan
	Air Volume	m3/h	1500/1400/1200/1000	1700/1500/1300/1100	2000/1800/1600/1400
Filter		—	PP-MD10	PP-MD10	PP-MD10
Sound Pressure Level(SH/H/M/L)		dB(A)	43/41/39/38	48/46/43/39	50/48/45/41
Connection Pipe	Liquid Pipe	in.	3/8	3/8	3/8
	Gas Pipe	in.	5/8	5/8	5/8
	Water Pipe	mm	Φ25*1.50	Φ25*1.50	Φ25*1.50
Dimensions (W×D×H)	Outline	mm	840×840×240	840×840×240	840×840×290
	Package	mm	933×903×272	933×903×272	933×903×379
Weight	Net/Gross	kg	23/29	23/29	25/32
Panel Dimensions (W×D×H)	Outline	mm	950×950×52	950×950×52	950×950×52
	Packaged	mm	1033×1020×110	1033×1020×110	1033×1020×110
Panel Weight	Net/Gross	kg	6.0/9.5	6.0/9.5	6.0/9.5
ODU			ZUD100W1/NhA-S ZUD100W1/NhA-X	ZUD125W1/NhA-S ZUD125W1/NhA-X	ZUD140W1/NhA-S ZUD140W1/NhA-X
Heat Exchanger		—	Inner Groove Copper Tube- Aluminum Fin	Inner Groove Copper Tube- Aluminum Fin	Inner Groove Copper Tube-Aluminum Fin
Power Supply (single-phase)			220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz
Power Supply (three - phase)			380-415V 3N~50/60Hz	380-415V 3N~50/60Hz	380-415V 3N~50/60Hz
Compressor	Model		QXFS-D280zX070	QXFS-D280zX070	QXFS-D280zX070B
	Type		Rotary	Rotary	Rotary
Fan Motor	Type	—	Axial fan	Axial fan	Axial fan
	Air Volume	m3/h	4800	5200	5200
Sound Pressure Level		dB(A)	57	58	59
Refrigerant	Type		R32	R32	R32
	Weight	kg	2.10	2.25	2.80
	Throttling Method		Electronic Expansion valve	Electronic Expansion valve	Electronic Expansion valve
Connection Pipe	Liquid Pipe	in.	3/8	3/8	3/8
	Gas Pipe	in.	5/8	5/8	5/8
Refrigerant Pipe	Standard	m	5	5	7.5
	Max.	m	75	75	75
	Max.	m	30	30	30
Dimensions (W×D×H)	Outline	mm	940×370×820	940×370×820	940×370×820
	Package	mm	1093×497×885	1093×497×885	1093×497×885

Weight (single-phase)	Net/Gross	kg	65/72	66/73	73/80
Weight (three-phase)			75/82	76/83	81/88

Notes:

1. The above data are based on the following conditions.

	Cooling	Heating
Indoor	DB:27°C / WB:19°C	DB:20°C / WB:15°C
Outdoor	DB:35°C	DB:7°C / WB:6°C

2. Airflow rate was measured under applicable standard external static pressure

3. The value is tested in the anechoic room. It would be somewhat different in the actual operation due to environmental change. Indoor and outdoor sound levels are determined in an anechoic chamber and may differ once the unit is installed due to ambient conditions.

Duct Type Data

Model	Indoor Unit		AUD35P1/A-S AUD35PS1/A-S	AUD50P1/A-S AUD50PS1/A-S	AUD71PH1/A-S AUD71PHS1/A-S	AUD85PH1/A-S AUD85PHS1/A-S
	Outdoor Unit		ZUD35W1/NhA-S	ZUD50W1/NhA-S	ZUD71W1/NhA-S	ZUD85W1/NhA-S
Rated Capacity	Cooling	kW	3.5	5.3	7.1	8.5
	Heating	kW	4.0	5.6	8.0	8.5
Input Power	Cooling	kW	1.03	1.51	1.92	2.50
	Heating	kW	1.00	1.42	2.00	2.25
EER/ COP		W/W	3.40/4.00	3.50/3.95	3.70/4.00	3.4/3.9
SEER/SCOP		—	6.50/4.00	6.30/4.00	6.60/4.10	6.4/4.1
Energy Class (Cooling /Heating)		—	A++/A+	A++/A+	A++/A+	A++/A+
Indoor Unit			AUD35P1/A-S AUD35PS1/A-S	AUD50P1/A-S AUD50PS1/A-S	AUD71PH1/A-S AUD71PHS1/A-S	AUD85PH1/A-S AUD85PHS1/A-S
Power Supply			220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin	Inner Groove Copper Tube-Aluminum Fin	Inner Groove Copper Tube-Aluminum Fin	Inner Groove Copper Tube-Aluminum Fin
Fan Motor	Type	—	Centrifugal Fan	Centrifugal Fan	Centrifugal Fan	Centrifugal Fan
	Air Volume	m3/h	600/550/500/400	900/800/700/600	1100/1000/900/800	1400/1300/1100/1000
	External Static	Pa	25	25	25	37
Filter		—	PP	PP	PP	PP
Sound Pressure Level(SH/H/M/L)		dB(A)	35/33/32/30	36/35/33/31	37/35/33/31	43/41/39/37
Connection Pipe	Liquid Pipe	in.	1/4	1/4	3/8	3/8
	Gas Pipe	in.	3/8	1/2	5/8	5/8
	Water Pipe	mm	Φ26*2.5	Φ26*2.5	Φ26*2.5	Φ26*2.5
Dimensions (W×D×H)	Outline	mm	700×450×200	1000×450×200	900×655×260	900×655×260
	Package	mm	1008×568×275	1308×568×275	1115×772×320	1115×772×320
Weight without drain pump	Net/Gross	kg	17.0/21.0	23.0/28.0	28.5/32.5	28.5/32.5
Weight with drain pump		kg	18.0/22.0	24.0/29.0	29.5/33.5	29.5/33.5
ODU			ZUD35W1/NhA-S	ZUD50W1/NhA-S	ZUD71W1/NhA-S	ZUD85W1/NhA-S
Heat Exchanger			Inner Groove Copper Tube-Aluminum Fin	Inner Groove Copper Tube-Aluminum Fin	Inner Groove Copper Tube-Aluminum Fin	Inner Groove Copper Tube-Aluminum Fin
Power Supply			220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz
Compressor	Model		FTz-AN108ACBD	QXF-A120zH170A	QXFS-M180zX170	QXFS-B238Zx070
	Type		Rotary	Rotary	Rotary	Rotary
Fan Motor	Type	—	Axial fan	Axial fan	Axial fan	Axial fan
	Air Volume	m3/h	1950	2200	3600	3600
Sound Pressure Level		dB(A)	48	52	55	57
Refrigerant	Type		R32	R32	R32	R32
	Weight	kg	0.57	0.85	1.50	1.50
	Throttling Method		Electronic Expansion	Electronic Expansion	Electronic Expansion	Electronic Expansion

Connection Pipe	Liquid Pipe	in.	1/4	1/4	3/8	3/8
	Gas Pipe	in.	3/8	1/2	5/8	5/8
Refrigerant Pipe	Standard	m	5	5	5	5
	Max. Length	m	30	30	30	30
	Max. Height	m	15	20	20	25
Dimensions (W×D×H)	Outline	mm	675×285×553	745×300×555	889×340×660	889×340×660
	Package	mm	794×376×605	872×398×609	1032×456×730	1032×456×730
Weight	Net/Gross	kg	24.5/27	30.5/33	41.5/45	46/50

Model	Indoor Unit		AUD100PH1/A-S AUD100PHS1/A-S	AUD125PH1/A-S AUD125PHS1/A-S	AUD140PH1/A-S AUD140PHS1/A-S
	Outdoor Unit		ZUD100W1/NhA-S ZUD120W1/NhA-X	ZUD125W1/NhA-S ZUD125W1/NhA-X	ZUD140W1/NhA-S ZUD140W1/NhA-X
Rated Capacity	Cooling	kW	10.5	12.1	13.4
	Heating	kW	11.5	13.5	15.5
Input Power	Cooling	kW	3.00	3.58	4.50
	Heating	kW	2.80	3.70	4.50
EER/ COP		W/W	3.50/4.10	3.38/3.65	2.98/3.44
SEER/SCOP		—	6.40/4.20	6.10/4.10	6.10/4.00
Energy Class (Cooling /Heating)		-	A++/A+	A++/A+	A++/A+
Indoor Unit			AUD100PH1/A-S AUD100PHS1/A-S	AUD125PH1/A-S AUD125PHS1/A-S	AUD140PH1/A-S AUD140PHS1/A-S
Power Supply			220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin	Inner Groove Copper Tube-Aluminum Fin	Inner Groove Copper Tube-Aluminum Fin
Fan Motor	Type	—	Centrifugal Fan	Centrifugal Fan	Centrifugal Fan
	Air Volume	m3/h	1700/1600/1400/1200	2000/1800/1600/1400	2300/2100/1800/1500
	External Static Pressure	Pa	37	50	50
Filter		—	PP	PP	PP
Sound Pressure Level(SH/H/M/L)		dB(A)	39/38/37/36	43/42/41/40	42/41/40/38
Connection Pipe	Liquid Pipe	in.	3/8"	3/8"	3/8"
	Gas Pipe	in.	5/8"	5/8"	5/8"
	Water Pipe	mm	Φ26*2.5	Φ26*2.5	Φ26*2.5
Dimensions (W×D×H)	Outline	mm	1340×655×260	1340×655×260	1400×700×300
	Package	mm	1568×770×323	1568×770×323	1601×813×365
Weight without drain pump	Net/Gross	kg	42.0/48.0	42.0/48.0	51.0/57.0
Weight with drain pump		kg	43.0/49.0	43.0/49.0	52.0/58.0
ODU			ZUD100W1/NhA-S ZUD120W1/NhA-X	ZUD125W1/NhA-S ZUD125W1/NhA-X	ZUD140W1/NhA-S ZUD140W1/NhA-X
Heat Exchanger			Inner Groove Copper Tube-Aluminum Fin	Inner Groove Copper Tube-Aluminum Fin	Inner Groove Copper Tube-Aluminum Fin
Power Supply (single-phase)			220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz
Power Supply (three - phase)			380-415V 3N~50/60Hz	380-415V 3N~50/60Hz	380-415-3N 50/60Hz

Compressor	Model		QXFS-D280zX070	QXFS-D280zX070	QXFS- D280zX070B
	Type		Rotary	Rotary	Rotary
Fan Motor	Type	—	Axial fan	Axial fan	Axial fan
	Air Volume	m ³ /h	4800	5200	5200
Sound Pressure Level		dB(A)	57	58	59
Refrigerant	Type		R32	R32	R32
	Weight	kg	2.1	2.25	2.80
	Throttling Method		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion
Connection Pipe	Liquid Pipe	in.	3/8	3/8	3/8
	Gas Pipe	in.	5/8	5/8	5/8
Refrigerant Pipe	Standard	m	5	5	7.5
	Max. Length	m	75	75	75
	Max. Height	m	30	30	30
Dimensions (W×D×H)	Outline	mm	940×370×820	940×370×820	940×370×820
	Package	mm	1093×497×885	1093×497×885	1093×497×885
Weight (single- Weight (three-phase))	Net/Gross	kg	65/72	66/73	73/80
			75/82	76/83	81/88

Notes:

1. The above data are based on the following conditions.

	Cooling	Heating
Indoor	DB:27°C / WB:19°C	DB:20°C / WB:15°C
Outdoor	DB:35°C	DB:7°C / WB:6°C

2. Airflow rate was measured under applicable standard external static pressure

3. The value is tested in the anechoic room. It would be somewhat different in the actual operation due to environmental change. Indoor and outdoor sound levels are determined in an anechoic chamber and may differ once the unit is installed due to ambient conditions.

Operation Range

—	Cooling	Heating
Outdoor temperature DB(° C)	-20~52	-20~24
Indoor temperature DB/WB(° C) (Maximum)	32/23	27/-

Capacity Correction

Table of Performance Correction

Cassette Type

AUD35T1/A-S

Cooling

Fan speed	Indoor air temperature °C		Outdoor dry bulb temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	DB	WB	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw
Turbo	20	14	3.01	2.58	0.49	3.24	2.78	0.66	3.27	2.81	0.80	3.10	2.66	0.85	2.98	2.55	0.88
	23	16	3.22	2.82	0.52	3.47	3.04	0.69	3.50	3.07	0.84	3.32	2.91	0.89	3.18	2.79	0.93
	26	18	3.38	3.01	0.53	3.64	3.24	0.71	3.68	3.27	0.87	3.48	3.09	0.92	3.34	2.97	0.95
	27	19	3.40	3.03	0.54	3.66	3.26	0.71	3.70	3.30	0.87	3.50	3.12	0.92	3.36	3.00	0.96
	30	22	3.57	3.22	0.55	3.84	3.46	0.74	3.88	3.50	0.90	3.68	3.31	0.95	3.53	3.18	0.99
	32	24	3.75	3.43	0.57	4.03	3.69	0.76	4.08	3.73	0.92	3.86	3.53	0.97	3.70	3.39	1.02
H	20	14	2.89	2.41	0.48	3.11	2.59	0.63	3.14	2.62	0.77	2.98	2.48	0.82	2.86	2.38	0.85
	23	16	3.09	2.65	0.50	3.33	2.85	0.67	3.36	2.88	0.81	3.18	2.72	0.86	3.06	2.62	0.89
	26	18	3.25	2.83	0.52	3.49	3.04	0.69	3.53	3.07	0.84	3.34	2.91	0.88	3.21	2.79	0.92
	27	19	3.26	2.85	0.52	3.51	3.07	0.69	3.55	3.10	0.84	3.36	2.94	0.89	3.23	2.82	0.92
	30	22	3.43	3.03	0.53	3.69	3.27	0.71	3.73	3.30	0.86	3.53	3.12	0.91	3.39	3.00	0.95
	32	24	3.60	3.24	0.55	3.87	3.49	0.73	3.91	3.53	0.89	3.70	3.34	0.94	3.56	3.21	0.98
M	20	14	2.75	2.22	0.46	2.96	2.39	0.61	2.99	2.42	0.74	2.83	2.29	0.78	2.71	2.20	0.81
	23	16	2.94	2.46	0.48	3.16	2.64	0.64	3.20	2.67	0.78	3.02	2.53	0.82	2.90	2.43	0.85
	26	18	3.08	2.63	0.49	3.32	2.83	0.65	3.36	2.86	0.80	3.18	2.71	0.84	3.05	2.60	0.88
	27	19	3.10	2.65	0.49	3.34	2.86	0.66	3.37	2.89	0.80	3.19	2.73	0.85	3.06	2.62	0.88
	30	22	3.25	2.83	0.51	3.50	3.05	0.68	3.54	3.08	0.83	3.35	2.92	0.87	3.22	2.80	0.91
	32	24	3.42	3.04	0.52	3.68	3.27	0.70	3.72	3.30	0.85	3.52	3.13	0.90	3.38	3.00	0.94
L	20	14	2.66	2.10	0.44	2.87	2.26	0.59	2.90	2.28	0.72	2.74	2.16	0.76	2.63	2.07	0.79
	23	16	2.85	2.33	0.47	3.07	2.50	0.62	3.10	2.53	0.76	2.93	2.40	0.80	2.82	2.30	0.83
	26	18	2.99	2.50	0.48	3.22	2.69	0.64	3.25	2.72	0.78	3.08	2.57	0.82	2.96	2.47	0.86
	27	19	3.01	2.52	0.48	3.24	2.72	0.64	3.27	2.74	0.78	3.10	2.60	0.83	2.97	2.49	0.86
	30	22	3.16	2.70	0.50	3.40	2.90	0.66	3.43	2.93	0.80	3.25	2.78	0.85	3.12	2.67	0.89
	32	24	3.31	2.90	0.51	3.57	3.12	0.68	3.61	3.16	0.83	3.41	2.99	0.88	3.28	2.87	0.91

Heating

Fan speed	Outdoor air temperature °C		Indoor dry bulb temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11	3.81	1.12	3.61	1.15	3.45	1.19	3.31	1.23	3.15	1.27
	-5	-5.6	3.77	1.00	3.57	1.03	3.41	1.07	3.27	1.10	3.12	1.14
	0	-0.7	3.88	0.99	3.67	1.01	3.51	1.05	3.36	1.09	3.21	1.12
	7	6	4.42	0.94	4.19	0.97	4.00	1.00	3.84	1.03	3.66	1.07
	10	8	4.67	0.97	4.43	1.00	4.23	1.03	4.06	1.06	3.87	1.10
H	-10	-11	3.67	1.12	3.48	1.15	3.32	1.19	3.18	1.23	3.03	1.27
	-5	-5.6	3.63	1.00	3.44	1.02	3.29	1.06	3.15	1.10	3.00	1.13
	0	-0.7	3.73	0.98	3.54	1.01	3.38	1.04	3.24	1.08	3.09	1.12
	7	6	4.25	0.94	4.03	0.96	3.85	1.00	3.69	1.03	3.52	1.06
	10	8	4.50	0.96	4.27	0.99	4.08	1.02	3.91	1.06	3.72	1.09
M	-10	-11	3.48	1.13	3.30	1.16	3.15	1.21	3.02	1.25	2.88	1.29
	-5	-5.6	3.44	1.01	3.26	1.04	3.12	1.08	2.99	1.11	2.85	1.15
	0	-0.7	3.54	1.00	3.35	1.02	3.20	1.06	3.07	1.10	2.93	1.13
	7	6	4.03	0.95	3.82	0.98	3.65	1.01	3.50	1.04	3.34	1.08
	10	8	4.27	0.98	4.05	1.01	3.86	1.04	3.70	1.08	3.53	1.11
L	-10	-11	3.23	1.17	3.06	1.20	2.93	1.24	2.81	1.29	2.68	1.33
	-5	-5.6	3.20	1.04	3.03	1.07	2.90	1.11	2.78	1.15	2.65	1.19
	0	-0.7	3.29	1.03	3.12	1.06	2.98	1.09	2.86	1.13	2.72	1.17
	7	6	3.75	0.98	3.56	1.01	3.40	1.04	3.26	1.08	3.10	1.11
	10	8	3.97	1.01	3.76	1.04	3.59	1.07	3.44	1.11	3.28	1.15

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Cooling

Fan speed	Indoor air temperature		Outdoor dry bulb temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	4.56	3.85	0.83	4.91	4.15	1.10	4.96	4.19	1.34	4.69	3.97	1.42	4.51	3.81	1.48
	23	16	4.88	4.23	0.87	5.25	4.55	1.16	5.31	4.60	1.41	5.02	4.35	1.49	4.82	4.18	1.55
	26	18	5.12	4.51	0.89	5.51	4.85	1.19	5.57	4.90	1.45	5.27	4.64	1.53	5.06	4.46	1.60
	27	19	5.15	4.54	0.90	5.54	4.89	1.20	5.60	4.94	1.46	5.30	4.68	1.54	5.09	4.49	1.60
	30	22	5.40	4.83	0.93	5.82	5.20	1.23	5.88	5.26	1.50	5.57	4.98	1.59	5.34	4.78	1.65
	32	24	5.67	5.16	0.95	6.11	5.55	1.27	6.17	5.61	1.54	5.84	5.31	1.63	5.61	5.10	1.70
H	20	14	4.38	3.60	0.80	4.71	3.87	1.06	4.76	3.92	1.30	4.51	3.71	1.37	4.33	3.56	1.43
	23	16	4.68	3.96	0.84	5.04	4.27	1.11	5.09	4.31	1.36	4.82	4.08	1.44	4.63	3.92	1.50
	26	18	4.92	4.24	0.86	5.29	4.56	1.15	5.35	4.61	1.40	5.06	4.36	1.48	4.86	4.19	1.54
	27	19	4.94	4.28	0.87	5.32	4.60	1.15	5.38	4.65	1.41	5.09	4.40	1.49	4.88	4.23	1.55
	30	22	5.19	4.56	0.89	5.58	4.90	1.19	5.64	4.96	1.45	5.34	4.69	1.53	5.13	4.50	1.59
	32	24	5.45	4.88	0.92	5.86	5.25	1.22	5.93	5.31	1.49	5.61	5.02	1.57	5.39	4.82	1.64
M	20	14	4.16	3.32	0.76	4.47	3.58	1.01	4.52	3.62	1.24	4.28	3.42	1.31	4.11	3.29	1.36
	23	16	4.45	3.68	0.80	4.79	3.96	1.06	4.84	4.00	1.30	4.58	3.79	1.37	4.40	3.64	1.43
	26	18	4.67	3.94	0.82	5.03	4.24	1.10	5.08	4.29	1.34	4.81	4.06	1.41	4.62	3.90	1.47
	27	19	4.69	3.98	0.83	5.05	4.28	1.10	5.11	4.33	1.34	4.83	4.10	1.42	4.64	3.94	1.48
	30	22	4.93	4.25	0.85	5.31	4.58	1.13	5.36	4.62	1.38	5.08	4.38	1.46	4.87	4.20	1.52
	32	24	5.17	4.56	0.88	5.57	4.91	1.17	5.63	4.97	1.42	5.33	4.70	1.50	5.12	4.51	1.57
L	20	14	4.03	3.13	0.74	4.34	3.37	0.99	4.39	3.41	1.21	4.15	3.23	1.27	3.99	3.10	1.33
	23	16	4.31	3.48	0.78	4.64	3.75	1.04	4.69	3.79	1.27	4.44	3.59	1.34	4.27	3.44	1.39
	26	18	4.53	3.75	0.80	4.88	4.03	1.07	4.93	4.08	1.30	4.67	3.86	1.38	4.48	3.70	1.43
	27	19	4.55	3.78	0.81	4.90	4.07	1.07	4.95	4.12	1.31	4.69	3.90	1.38	4.50	3.74	1.44

	30	22	4.78	4.05	0.83	5.15	4.36	1.11	5.20	4.41	1.35	4.92	4.17	1.42	4.73	4.00	1.48
	32	24	5.02	4.36	0.86	5.40	4.70	1.14	5.46	4.75	1.39	5.17	4.49	1.47	4.96	4.31	1.53

Heating

Fan speed	Outdoor air temperature °C		Indoor dry bulb temperature °C									
			16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw
Turbo	-10	-11	5.52	1.68	5.23	1.73	5.00	1.79	4.79	1.85	4.57	1.91
	-5	-5.6	5.47	1.50	5.18	1.54	4.95	1.60	4.75	1.65	4.52	1.71
	0	-0.7	5.62	1.48	5.33	1.52	5.09	1.58	4.88	1.63	4.65	1.68
	7	6	6.41	1.41	6.07	1.45	5.80	1.50	5.56	1.55	5.30	1.60
	10	8	6.78	1.45	6.43	1.49	6.14	1.55	5.88	1.60	5.61	1.65
H	-10	-11	5.32	1.67	5.04	1.72	4.81	1.78	4.62	1.84	4.40	1.90
	-5	-5.6	5.26	1.50	4.99	1.54	4.77	1.59	4.57	1.64	4.36	1.70
	0	-0.7	5.41	1.47	5.13	1.51	4.90	1.57	4.70	1.62	4.48	1.67
	7	6	6.17	1.40	5.85	1.44	5.59	1.49	5.36	1.54	5.10	1.59
	10	8	6.53	1.44	6.19	1.49	5.91	1.54	5.67	1.59	5.40	1.64
M	-10	-11	5.04	1.70	4.78	1.75	4.56	1.81	4.38	1.87	4.17	1.93
	-5	-5.6	4.99	1.52	4.73	1.56	4.52	1.61	4.33	1.67	4.13	1.72
	0	-0.7	5.13	1.50	4.86	1.54	4.64	1.59	4.45	1.64	4.25	1.70
	7	6	5.85	1.42	5.54	1.46	5.29	1.52	5.08	1.57	4.84	1.62
	10	8	6.19	1.47	5.87	1.51	5.60	1.56	5.37	1.61	5.12	1.67
L	-10	-11	4.69	1.75	4.44	1.80	4.24	1.87	4.07	1.93	3.88	1.99
	-5	-5.6	4.64	1.57	4.40	1.61	4.20	1.67	4.03	1.72	3.84	1.78
	0	-0.7	4.77	1.54	4.52	1.59	4.32	1.64	4.14	1.70	3.95	1.75
	7	6	5.44	1.47	5.16	1.51	4.92	1.56	4.72	1.61	4.50	1.67
	10	8	5.75	1.51	5.46	1.55	5.21	1.61	5.00	1.66	4.76	1.72

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Cooling

Fan speed	Indoor air temperature °C		Outdoor dry bulb temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	DB	WB	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	
Turbo	20	14	4.30	2.94	0.79	4.63	3.16	1.05	4.68	3.20	1.28	4.43	3.03	1.35	4.25	2.91	1.41
	23	16	4.60	3.34	0.83	4.95	3.60	1.10	5.01	3.64	1.34	4.74	3.44	1.42	4.55	3.30	1.48
	26	18	4.83	3.64	0.85	5.20	3.92	1.14	5.26	3.96	1.38	4.98	3.75	1.46	4.78	3.60	1.52
	27	19	4.86	3.69	0.86	5.23	3.97	1.14	5.28	4.01	1.39	5.00	3.80	1.47	4.80	3.65	1.53
	30	22	5.10	3.99	0.88	5.49	4.30	1.17	5.55	4.34	1.43	5.25	4.11	1.51	5.04	3.95	1.58
	32	24	5.35	4.36	0.91	5.76	4.69	1.21	5.82	4.74	1.47	5.51	4.49	1.56	5.29	4.31	1.62
H	20	14	4.13	2.74	0.76	4.44	2.95	1.01	4.49	2.98	1.24	4.25	2.82	1.31	4.08	2.71	1.36
	23	16	4.42	3.13	0.80	4.75	3.37	1.06	4.81	3.41	1.30	4.55	3.22	1.37	4.37	3.10	1.43
	26	18	4.64	3.42	0.82	4.99	3.69	1.10	5.05	3.73	1.34	4.78	3.53	1.41	4.59	3.39	1.47
	27	19	4.66	3.47	0.83	5.02	3.74	1.10	5.07	3.78	1.34	4.80	3.58	1.42	4.61	3.43	1.48
	30	22	4.89	3.76	0.85	5.27	4.05	1.13	5.32	4.10	1.38	5.04	3.88	1.46	4.84	3.72	1.52
	32	24	5.14	4.12	0.88	5.53	4.44	1.17	5.59	4.48	1.42	5.29	4.24	1.50	5.08	4.08	1.57
M	20	14	3.92	2.52	0.73	4.22	2.72	0.97	4.27	2.75	1.18	4.04	2.60	1.25	3.88	2.50	1.30
	23	16	4.20	2.90	0.76	4.52	3.13	1.02	4.57	3.16	1.24	4.32	2.99	1.31	4.15	2.87	1.36
	26	18	4.41	3.19	0.79	4.74	3.43	1.05	4.79	3.47	1.28	4.54	3.28	1.35	4.36	3.15	1.40
	27	19	4.43	3.23	0.79	4.77	3.48	1.05	4.82	3.52	1.28	4.56	3.33	1.35	4.38	3.20	1.41
	30	22	4.65	3.51	0.81	5.00	3.78	1.08	5.06	3.82	1.32	4.79	3.62	1.39	4.60	3.47	1.45
	32	24	4.88	3.86	0.84	5.26	4.15	1.11	5.31	4.20	1.36	5.03	3.97	1.43	4.83	3.82	1.49
	20	14	3.80	2.38	0.71	4.09	2.56	0.94	4.14	2.59	1.15	3.92	2.45	1.22	3.76	2.35	1.27

L	23	16	4.07	2.75	0.74	4.38	2.96	0.99	4.43	2.99	1.21	4.19	2.83	1.28	4.02	2.72	1.33
	26	18	4.27	3.03	0.77	4.60	3.26	1.02	4.65	3.29	1.24	4.40	3.12	1.31	4.23	2.99	1.37
	27	19	4.29	3.07	0.77	4.62	3.31	1.02	4.67	3.34	1.25	4.42	3.16	1.32	4.25	3.04	1.37
	30	22	4.51	3.35	0.79	4.85	3.60	1.05	4.91	3.64	1.29	4.64	3.45	1.36	4.46	3.31	1.42
	32	24	4.74	3.69	0.82	5.10	3.97	1.09	5.15	4.01	1.32	4.88	3.80	1.40	4.68	3.65	1.46

Heating

Fan speed	Outdoor air temperature °C		Indoor dry bulb temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11	5.33	1.79	5.05	1.85	4.83	1.91	4.63	1.97	4.41	2.04
	-5	-5.6	5.28	1.60	5.00	1.65	4.78	1.71	4.58	1.76	4.37	1.82
	0	-0.7	5.43	1.58	5.14	1.62	4.91	1.68	4.71	1.74	4.49	1.79
	7	6	6.19	1.50	5.86	1.55	5.60	1.60	5.37	1.65	5.12	1.71
	10	8	6.54	1.55	6.20	1.59	5.92	1.65	5.68	1.70	5.42	1.76
H	-10	-11	5.13	1.79	4.87	1.84	4.65	1.90	4.46	1.96	4.25	2.03
	-5	-5.6	5.08	1.59	4.82	1.64	4.60	1.70	4.41	1.75	4.21	1.81
	0	-0.7	5.23	1.57	4.95	1.62	4.73	1.67	4.54	1.73	4.32	1.79
	7	6	5.96	1.50	5.65	1.54	5.39	1.59	5.17	1.65	4.93	1.70
	10	8	6.30	1.54	5.97	1.58	5.71	1.64	5.47	1.69	5.21	1.75
M	-10	-11	4.87	1.81	4.61	1.86	4.41	1.93	4.22	1.99	4.03	2.06
	-5	-5.6	4.82	1.62	4.57	1.66	4.36	1.72	4.18	1.78	3.99	1.84
	0	-0.7	4.95	1.59	4.70	1.64	4.48	1.70	4.30	1.75	4.10	1.81
	7	6	5.65	1.52	5.35	1.56	5.11	1.62	4.90	1.67	4.67	1.73
	10	8	5.97	1.56	5.66	1.61	5.41	1.66	5.19	1.72	4.94	1.78
L	-10	-11	4.53	1.87	4.29	1.92	4.10	1.99	3.93	2.06	3.75	2.12
	-5	-5.6	4.48	1.67	4.25	1.72	4.06	1.78	3.89	1.84	3.71	1.90
	0	-0.7	4.61	1.64	4.37	1.69	4.17	1.75	4.00	1.81	3.81	1.87
	7	6	5.25	1.57	4.98	1.61	4.75	1.67	4.56	1.72	4.35	1.78
	10	8	5.56	1.61	5.27	1.66	5.03	1.72	4.82	1.77	4.60	1.83

AUD71T1/A-S

Cooling

Fan speed	Indoor air temperature °C		Outdoor dry bulb temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	6.11	4.68	1.09	6.57	5.04	1.45	6.64	5.09	1.77	6.29	4.82	1.87	6.04	4.62	1.95
	23	16	6.53	5.21	1.15	7.03	5.61	1.52	7.11	5.67	1.86	6.73	5.37	1.96	6.46	5.15	2.04
	26	18	6.86	5.61	1.18	7.38	6.04	1.57	7.46	6.11	1.91	7.06	5.78	2.02	6.78	5.55	2.10
	27	19	6.89	5.67	1.18	7.42	6.10	1.58	7.50	6.17	1.92	7.10	5.84	2.03	6.82	5.61	2.11
	30	22	7.24	6.08	1.22	7.79	6.54	1.62	7.88	6.61	1.98	7.46	6.26	2.09	7.16	6.01	2.18
	32	24	7.60	6.55	1.26	8.18	7.06	1.67	8.27	7.13	2.04	7.83	6.75	2.15	7.52	6.48	2.24
H	20	14	5.86	4.36	1.05	6.31	4.70	1.40	6.38	4.75	1.71	6.04	4.49	1.80	5.80	4.31	1.88
	23	16	6.27	4.88	1.10	6.75	5.26	1.47	6.82	5.31	1.79	6.46	5.03	1.89	6.20	4.83	1.97
	26	18	6.59	5.28	1.14	7.09	5.68	1.51	7.17	5.74	1.84	6.78	5.43	1.95	6.51	5.22	2.03
	27	19	6.62	5.33	1.14	7.12	5.74	1.52	7.20	5.80	1.85	6.82	5.49	1.96	6.54	5.27	2.04
	30	22	6.95	5.73	1.18	7.48	6.17	1.57	7.56	6.23	1.91	7.16	5.90	2.02	6.87	5.67	2.10
	32	24	7.30	6.20	1.21	7.86	6.67	1.61	7.94	6.75	1.96	7.51	6.38	2.08	7.21	6.13	2.16
M	20	14	5.57	4.03	1.01	5.99	4.33	1.34	6.06	4.38	1.63	5.73	4.15	1.72	5.51	3.98	1.79
	23	16	5.96	4.53	1.05	6.41	4.88	1.40	6.48	4.93	1.71	6.14	4.67	1.81	5.89	4.48	1.88
	26	18	6.26	4.91	1.09	6.73	5.28	1.44	6.81	5.34	1.76	6.44	5.06	1.86	6.19	4.85	1.94
	27	19	6.29	4.97	1.09	6.77	5.35	1.45	6.84	5.40	1.77	6.48	5.12	1.87	6.22	4.91	1.95

	30	22	6.60	5.35	1.12	7.11	5.76	1.49	7.18	5.82	1.82	6.80	5.51	1.92	6.53	5.29	2.00
	32	24	6.93	5.80	1.16	7.46	6.25	1.54	7.54	6.31	1.88	7.14	5.98	1.98	6.85	5.74	2.06
L	20	14	5.40	3.79	0.98	5.81	4.08	1.30	5.88	4.13	1.59	5.56	3.91	1.68	5.34	3.75	1.75
	23	16	5.78	4.29	1.03	6.22	4.62	1.37	6.29	4.67	1.67	5.95	4.42	1.76	5.71	4.24	1.84
	26	18	6.07	4.66	1.06	6.53	5.02	1.41	6.60	5.07	1.72	6.25	4.80	1.81	6.00	4.61	1.89
	27	19	6.10	4.72	1.06	6.57	5.08	1.42	6.64	5.14	1.73	6.28	4.86	1.82	6.03	4.67	1.90
	30	22	6.40	5.10	1.10	6.89	5.49	1.46	6.97	5.54	1.78	6.59	5.25	1.88	6.33	5.04	1.95
	32	24	6.72	5.55	1.13	7.24	5.97	1.50	7.32	6.03	1.83	6.92	5.71	1.93	6.65	5.48	2.01

Heating

Fan speed	Outdoor air temperature °C		Indoor dry bulb temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11	7.62	2.24	7.22	2.31	6.89	2.39	6.61	2.47	6.30	2.55
	-5	-5.6	7.54	2.00	7.15	2.06	6.83	2.13	6.54	2.20	6.24	2.28
	0	-0.7	7.75	1.97	7.35	2.03	7.02	2.10	6.73	2.17	6.41	2.24
	7	6	8.84	1.88	8.38	1.93	8.00	2.00	7.67	2.07	7.31	2.14
	10	8	9.35	1.94	8.86	1.99	8.46	2.06	8.12	2.13	7.74	2.20
H	-10	-11	7.33	2.23	6.95	2.30	6.64	2.38	6.37	2.45	6.07	2.54
	-5	-5.6	7.26	1.99	6.88	2.05	6.57	2.12	6.30	2.19	6.01	2.27
	0	-0.7	7.46	1.96	7.08	2.02	6.76	2.09	6.48	2.16	6.18	2.23
	7	6	8.51	1.87	8.07	1.92	7.70	1.99	7.39	2.06	7.04	2.13
	10	8	9.00	1.93	8.53	1.98	8.15	2.05	7.81	2.12	7.45	2.19
M	-10	-11	6.95	2.27	6.59	2.33	6.29	2.41	6.03	2.49	5.75	2.58
	-5	-5.6	6.88	2.02	6.53	2.08	6.23	2.15	5.98	2.22	5.70	2.30
	0	-0.7	7.08	1.99	6.71	2.05	6.41	2.12	6.14	2.19	5.86	2.27
	7	6	8.07	1.90	7.65	1.95	7.30	2.02	7.00	2.09	6.68	2.16
	10	8	8.53	1.96	8.09	2.01	7.73	2.08	7.41	2.15	7.06	2.22
L	-10	-11	6.47	2.34	6.13	2.40	5.85	2.49	5.61	2.57	5.35	2.66
	-5	-5.6	6.40	2.09	6.07	2.15	5.80	2.22	5.56	2.29	5.30	2.37
	0	-0.7	6.58	2.06	6.24	2.11	5.96	2.19	5.71	2.26	5.45	2.34
	7	6	7.50	1.96	7.11	2.01	6.79	2.08	6.51	2.15	6.21	2.23
	10	8	7.94	2.02	7.52	2.07	7.19	2.15	6.89	2.22	6.57	2.29

AUD85T1/A-S

Cooling

Fan speed	Indoor air temperature °C		Outdoor dry bulb temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	7.31	4.97	1.34	7.87	5.35	1.79	7.95	5.41	2.18	7.53	5.12	2.30	7.23	4.92	2.40
	23	16	7.82	5.66	1.41	8.42	6.09	1.88	8.51	6.16	2.29	8.05	5.83	2.42	7.73	5.59	2.52
	26	18	8.21	6.17	1.45	8.84	6.64	1.93	8.94	6.72	2.35	8.46	6.36	2.49	8.12	6.10	2.59
	27	19	8.25	6.25	1.46	8.89	6.73	1.94	8.98	6.80	2.37	8.50	6.44	2.50	8.16	6.18	2.60
	30	22	8.67	6.77	1.50	9.33	7.28	2.00	9.43	7.36	2.44	8.93	6.97	2.57	8.57	6.69	2.68
	32	24	9.10	7.39	1.55	9.80	7.95	2.06	9.90	8.04	2.51	9.37	7.61	2.65	9.00	7.31	2.76
H	20	14	7.02	4.63	1.30	7.55	4.99	1.73	7.64	5.04	2.10	7.23	4.77	2.22	6.94	4.58	2.31
	23	16	7.51	5.30	1.36	8.08	5.71	1.81	8.17	5.77	2.21	7.73	5.46	2.33	7.42	5.24	2.43
	26	18	7.88	5.80	1.40	8.49	6.25	1.86	8.58	6.31	2.27	8.12	5.98	2.40	7.80	5.74	2.50
	27	19	7.92	5.88	1.41	8.53	6.33	1.87	8.62	6.40	2.28	8.16	6.06	2.41	7.83	5.82	2.51
	30	22	8.32	6.38	1.45	8.96	6.87	1.93	9.05	6.94	2.35	8.57	6.57	2.48	8.23	6.31	2.59
	32	24	8.74	6.99	1.49	9.40	7.53	1.98	9.50	7.61	2.42	9.00	7.20	2.56	8.64	6.91	2.66
	20	14	6.67	4.27	1.24	7.18	4.60	1.65	7.25	4.65	2.01	6.87	4.40	2.12	6.59	4.22	2.21

M	23	16	7.13	4.92	1.30	7.68	5.29	1.73	7.76	5.35	2.11	7.35	5.06	2.23	7.05	4.86	2.32
	26	18	7.49	5.40	1.34	8.06	5.81	1.78	8.15	5.87	2.17	7.71	5.56	2.29	7.41	5.34	2.39
	27	19	7.53	5.48	1.34	8.10	5.90	1.79	8.19	5.96	2.18	7.75	5.64	2.30	7.44	5.42	2.40
	30	22	7.90	5.96	1.38	8.51	6.41	1.84	8.60	6.48	2.24	8.14	6.13	2.37	7.81	5.89	2.47
	32	24	8.30	6.55	1.42	8.93	7.05	1.89	9.03	7.12	2.31	8.55	6.74	2.44	8.21	6.47	2.54
L	20	14	6.47	4.02	1.21	6.96	4.33	1.61	7.04	4.37	1.96	6.66	4.14	2.07	6.39	3.98	2.15
	23	16	6.92	4.65	1.27	7.45	5.01	1.68	7.53	5.06	2.05	7.13	4.79	2.17	6.84	4.60	2.26
	26	18	7.27	5.13	1.30	7.82	5.52	1.73	7.90	5.58	2.11	7.48	5.28	2.23	7.18	5.07	2.33
	27	19	7.30	5.21	1.31	7.86	5.61	1.74	7.94	5.66	2.12	7.52	5.36	2.24	7.22	5.15	2.34
	30	22	7.67	5.68	1.35	8.25	6.11	1.79	8.34	6.18	2.19	7.90	5.85	2.31	7.58	5.61	2.41
	32	24	8.05	6.26	1.39	8.67	6.74	1.85	8.76	6.81	2.25	8.29	6.45	2.38	7.96	6.19	2.48

Heating

Fan speed	Outdoor air temperature °C		Indoor dry bulb temperature °C									
			16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
DB	WB	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	
Turbo	-10	-11	8.38	2.52	7.94	2.59	7.58	2.69	7.27	2.78	6.93	2.87
	-5	-5.6	8.29	2.25	7.86	2.32	7.51	2.40	7.20	2.48	6.86	2.56
	0	-0.7	8.53	2.22	8.08	2.28	7.72	2.36	7.40	2.44	7.06	2.52
	7	6	9.72	2.11	9.21	2.17	8.80	2.25	8.44	2.33	8.04	2.40
	10	8	10.28	2.18	9.75	2.24	9.31	2.32	8.93	2.40	8.51	2.48
H	-10	-11	8.07	2.51	7.65	2.58	7.30	2.67	7.00	2.76	6.68	2.85
	-5	-5.6	7.99	2.24	7.57	2.31	7.23	2.39	6.93	2.47	6.61	2.55
	0	-0.7	8.21	2.21	7.78	2.27	7.43	2.35	7.13	2.43	6.79	2.51
	7	6	9.36	2.10	8.87	2.16	8.47	2.24	8.13	2.31	7.75	2.39
	10	8	9.90	2.17	9.39	2.23	8.97	2.31	8.60	2.38	8.19	2.46
M	-10	-11	7.65	2.55	7.25	2.62	6.92	2.71	6.64	2.80	6.33	2.90
	-5	-5.6	7.57	2.28	7.18	2.34	6.86	2.42	6.57	2.50	6.27	2.59
	0	-0.7	7.78	2.24	7.38	2.31	7.05	2.39	6.76	2.47	6.44	2.55
	7	6	8.87	2.14	8.41	2.20	8.03	2.27	7.70	2.35	7.34	2.43
	10	8	9.39	2.20	8.90	2.26	8.50	2.34	8.15	2.42	7.77	2.50
L	-10	-11	7.11	2.63	6.74	2.70	6.44	2.80	6.17	2.89	5.89	2.99
	-5	-5.6	7.04	2.35	6.68	2.41	6.38	2.50	6.11	2.58	5.83	2.67
	0	-0.7	7.24	2.31	6.86	2.38	6.55	2.46	6.28	2.54	5.99	2.63
	7	6	8.25	2.20	7.82	2.26	7.47	2.34	7.16	2.42	6.83	2.50
	10	8	8.73	2.27	8.28	2.33	7.90	2.41	7.58	2.49	7.22	2.58

AUD100T1/A-S

Cooling

Fan speed	Indoor air temperature °C		Outdoor dry bulb temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	
Turbo	20	14	9.03	7.06	1.67	9.72	7.60	2.22	9.82	7.68	2.70	9.30	7.27	2.86	8.93	6.98	2.98
	23	16	9.66	7.84	1.75	10.40	8.43	2.33	10.51	8.52	2.84	9.95	8.07	3.00	9.55	7.75	3.12
	26	18	10.14	8.42	1.80	10.92	9.07	2.39	11.04	9.16	2.92	10.45	8.67	3.08	10.03	8.33	3.21
	27	19	10.20	8.51	1.81	10.98	9.16	2.41	11.09	9.25	2.93	10.50	8.76	3.10	10.08	8.41	3.23
	30	22	10.71	9.10	1.86	11.52	9.80	2.48	11.65	9.90	3.02	11.03	9.37	3.19	10.58	9.00	3.32
	32	24	11.24	9.80	1.92	12.10	10.55	2.55	12.23	10.66	3.11	11.58	10.09	3.29	11.11	9.69	3.42
H	20	14	8.67	6.58	1.61	9.33	7.09	2.14	9.43	7.16	2.61	8.93	6.78	2.76	8.57	6.51	2.87
	23	16	9.28	7.35	1.69	9.99	7.91	2.24	10.09	7.99	2.74	9.55	7.56	2.89	9.17	7.26	3.01
	26	18	9.74	7.92	1.74	10.48	8.52	2.31	10.60	8.62	2.82	10.03	8.15	2.98	9.63	7.83	3.10
	27	19	9.79	8.00	1.75	10.54	8.61	2.32	10.65	8.71	2.83	10.08	8.24	2.99	9.68	7.91	3.12

	30	22	10.28	8.58	1.80	11.06	9.24	2.39	11.18	9.34	2.91	10.58	8.84	3.08	10.16	8.48	3.21
	32	24	10.79	9.26	1.85	11.62	9.97	2.46	11.74	10.08	3.00	11.11	9.54	3.17	10.67	9.16	3.30
M	20	14	8.24	6.08	1.54	8.87	6.54	2.04	8.96	6.61	2.49	8.48	6.26	2.63	8.14	6.01	2.74
	23	16	8.81	6.81	1.61	9.49	7.33	2.14	9.59	7.41	2.61	9.07	7.02	2.76	8.71	6.74	2.87
	26	18	9.25	7.37	1.66	9.96	7.93	2.21	10.07	8.02	2.69	9.53	7.59	2.84	9.15	7.28	2.96
	27	19	9.30	7.45	1.67	10.01	8.02	2.22	10.12	8.11	2.70	9.58	7.67	2.86	9.19	7.37	2.97
	30	22	9.76	8.01	1.72	10.51	8.62	2.28	10.62	8.71	2.78	10.05	8.25	2.94	9.65	7.92	3.06
	32	24	10.25	8.67	1.77	11.04	9.33	2.35	11.15	9.43	2.86	10.56	8.93	3.03	10.14	8.57	3.15
L	20	14	7.99	5.73	1.50	8.60	6.16	1.99	8.69	6.23	2.43	8.23	5.90	2.57	7.90	5.66	2.67
	23	16	8.55	6.45	1.57	9.20	6.95	2.09	9.30	7.02	2.55	8.80	6.65	2.69	8.45	6.38	2.80
	26	18	8.97	7.00	1.62	9.66	7.53	2.15	9.76	7.61	2.62	9.24	7.21	2.77	8.87	6.92	2.89
	27	19	9.02	7.08	1.62	9.71	7.62	2.16	9.81	7.71	2.63	9.29	7.29	2.78	8.92	7.00	2.90
	30	22	9.47	7.63	1.67	10.20	8.21	2.22	10.30	8.30	2.71	9.75	7.86	2.87	9.36	7.54	2.98
	32	24	9.94	8.29	1.72	10.70	8.92	2.29	10.82	9.02	2.79	10.24	8.54	2.95	9.83	8.19	3.07

Heating

Fan speed	Outdoor air temperature °C		Indoor dry bulb temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11	10.95	3.37	10.38	3.46	9.91	3.58	9.50	3.70	9.06	3.82
	-5	-5.6	10.84	3.00	10.28	3.09	9.81	3.20	9.41	3.30	8.97	3.42
	0	-0.7	11.14	2.96	10.56	3.04	10.09	3.15	9.67	3.26	9.22	3.36
	7	6	12.70	2.82	12.04	2.90	11.50	3.00	11.03	3.10	10.51	3.20
	10	8	13.44	2.90	12.74	2.99	12.17	3.09	11.67	3.19	11.12	3.30
H	-10	-11	10.54	3.35	9.99	3.44	9.54	3.56	9.15	3.68	8.72	3.81
	-5	-5.6	10.44	2.99	9.90	3.07	9.45	3.18	9.06	3.29	8.64	3.40
	0	-0.7	10.73	2.95	10.17	3.03	9.71	3.13	9.31	3.24	8.88	3.35
	7	6	12.23	2.81	11.60	2.88	11.07	2.99	10.62	3.09	10.12	3.19
	10	8	12.94	2.89	12.27	2.97	11.72	3.07	11.23	3.18	10.71	3.28
M	-10	-11	9.99	3.40	9.47	3.49	9.05	3.62	8.68	3.74	8.27	3.86
	-5	-5.6	9.90	3.04	9.38	3.12	8.96	3.23	8.59	3.34	8.19	3.45
	0	-0.7	10.17	2.99	9.64	3.07	9.21	3.18	8.83	3.29	8.42	3.40
	7	6	11.60	2.85	10.99	2.93	10.50	3.03	10.07	3.13	9.60	3.24
	10	8	12.27	2.93	11.63	3.02	11.11	3.12	10.65	3.23	10.15	3.33
L	-10	-11	9.29	3.51	8.81	3.60	8.41	3.73	8.07	3.86	7.69	3.98
	-5	-5.6	9.20	3.13	8.72	3.22	8.33	3.33	7.99	3.44	7.61	3.56
	0	-0.7	9.46	3.08	8.97	3.17	8.56	3.28	8.21	3.39	7.83	3.50
	7	6	10.78	2.94	10.22	3.02	9.76	3.13	9.36	3.23	8.92	3.34
	10	8	11.41	3.03	10.82	3.11	10.33	3.22	9.90	3.33	9.44	3.44

AUD125T1/A-S

Cooling

Fan speed	Indoor air temperature °C		Outdoor dry bulb temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	10.41	6.82	2.10	11.20	7.34	2.79	11.32	7.42	3.40	10.72	7.03	3.59	10.29	6.75	3.74
	23	16	11.13	7.82	2.20	11.99	8.41	2.93	12.11	8.50	3.57	11.47	8.05	3.77	11.01	7.73	3.93
	26	18	11.69	8.56	2.26	12.59	9.22	3.01	12.72	9.31	3.67	12.04	8.82	3.88	11.56	8.46	4.04
	27	19	11.75	8.68	2.28	12.65	9.35	3.03	12.78	9.45	3.69	12.10	8.94	3.90	11.62	8.58	4.06
	30	22	12.34	9.42	2.34	13.28	10.14	3.12	13.42	10.25	3.80	12.71	9.70	4.01	12.20	9.32	4.18
	32	24	12.95	10.33	2.41	13.94	11.12	3.21	14.09	11.24	3.91	13.34	10.64	4.13	12.81	10.21	4.30
	20	14	9.99	6.36	2.02	10.75	6.84	2.69	10.87	6.91	3.28	10.29	6.54	3.47	9.88	6.28	3.61

H	23	16	10.69	7.32	2.12	11.51	7.88	2.82	11.63	7.97	3.44	11.01	7.54	3.64	10.57	7.24	3.79
	26	18	11.22	8.05	2.19	12.08	8.66	2.91	12.21	8.76	3.54	11.56	8.29	3.74	11.10	7.96	3.90
	27	19	11.28	8.17	2.20	12.14	8.79	2.92	12.27	8.89	3.56	11.62	8.41	3.76	11.15	8.07	3.92
	30	22	11.84	8.89	2.26	12.75	9.57	3.01	12.89	9.67	3.67	12.20	9.15	3.87	11.71	8.79	4.03
	32	24	12.44	9.77	2.33	13.39	10.52	3.10	13.53	10.63	3.77	12.81	10.07	3.99	12.30	9.66	4.15
M	20	14	9.49	5.86	1.93	10.22	6.30	2.57	10.33	6.37	3.13	9.77	6.03	3.31	9.38	5.79	3.45
	23	16	10.15	6.79	2.03	10.93	7.31	2.70	11.05	7.39	3.29	10.46	6.99	3.47	10.04	6.71	3.62
	26	18	10.66	7.49	2.09	11.48	8.06	2.77	11.60	8.15	3.38	10.98	7.71	3.57	10.54	7.40	3.72
	27	19	10.72	7.60	2.10	11.54	8.19	2.79	11.66	8.27	3.40	11.04	7.83	3.59	10.59	7.52	3.74
	30	22	11.25	8.29	2.16	12.11	8.93	2.87	12.24	9.03	3.50	11.59	8.54	3.70	11.12	8.20	3.85
L	32	24	11.81	9.15	2.22	12.72	9.85	2.96	12.85	9.96	3.60	12.17	9.43	3.81	11.68	9.05	3.97
	20	14	9.21	5.51	1.88	9.91	5.93	2.50	10.02	5.99	3.05	9.48	5.67	3.23	9.10	5.45	3.36
	23	16	9.85	6.43	1.98	10.60	6.92	2.63	10.72	6.99	3.20	10.14	6.62	3.39	9.74	6.35	3.53
	26	18	10.34	7.11	2.03	11.13	7.66	2.70	11.25	7.74	3.30	10.65	7.33	3.48	10.23	7.03	3.63
	27	19	10.39	7.23	2.04	11.19	7.78	2.72	11.31	7.86	3.31	10.70	7.44	3.50	10.28	7.15	3.65
	30	22	10.91	7.91	2.10	11.75	8.51	2.80	11.87	8.60	3.41	11.24	8.14	3.61	10.79	7.82	3.76
	32	24	11.46	8.75	2.17	12.34	9.42	2.88	12.47	9.52	3.51	11.80	9.01	3.71	11.33	8.65	3.87

Heating

Fan speed	Outdoor air temperature °C		Indoor dry bulb temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11	12.85	4.49	12.18	4.61	11.63	4.77	11.16	4.93	10.63	5.10
	-5	-5.6	12.72	4.01	12.06	4.12	11.52	4.26	11.04	4.41	10.53	4.55
	0	-0.7	13.08	3.95	12.40	4.06	11.84	4.20	11.35	4.34	10.82	4.49
	7	6	14.91	3.76	14.14	3.86	13.50	4.00	12.94	4.13	12.34	4.27
	10	8	15.78	3.87	14.96	3.98	14.28	4.12	13.69	4.26	13.05	4.40
H	-10	-11	12.38	4.47	11.73	4.59	11.20	4.75	10.74	4.91	10.24	5.07
	-5	-5.6	12.25	3.99	11.62	4.10	11.09	4.24	10.64	4.38	10.14	4.53
	0	-0.7	12.60	3.93	11.94	4.04	11.40	4.18	10.93	4.32	10.42	4.46
	7	6	14.36	3.74	13.61	3.85	13.00	3.98	12.46	4.11	11.88	4.25
	10	8	15.19	3.85	14.40	3.96	13.75	4.10	13.19	4.24	12.57	4.38
M	-10	-11	11.73	4.53	11.12	4.66	10.62	4.82	10.18	4.98	9.71	5.15
	-5	-5.6	11.62	4.05	11.01	4.16	10.52	4.31	10.08	4.45	9.61	4.60
	0	-0.7	11.94	3.99	11.32	4.10	10.81	4.24	10.37	4.38	9.88	4.53
	7	6	13.61	3.80	12.91	3.90	12.32	4.04	11.82	4.18	11.26	4.32
	10	8	14.40	3.91	13.65	4.02	13.04	4.16	12.50	4.30	11.92	4.44
L	-10	-11	10.91	4.67	10.34	4.81	9.88	4.97	9.47	5.14	9.03	5.31
	-5	-5.6	10.80	4.17	10.24	4.29	9.78	4.44	9.38	4.59	8.94	4.74
	0	-0.7	11.11	4.11	10.53	4.23	10.05	4.38	9.64	4.52	9.19	4.67
	7	6	12.66	3.92	12.00	4.03	11.46	4.17	10.99	4.31	10.48	4.45
	10	8	13.39	4.03	12.70	4.15	12.13	4.29	11.63	4.44	11.08	4.58

AUD140T1/A-S

Cooling

Fan speed	Indoor air temperature °C		Outdoor dry bulb temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	11.5	8.00	2.47	12.4	8.61	3.29	12.5	8.70	4.01	11.8	8.24	4.24	11.3	7.91	4.41
	23	16	12.3	9.07	2.60	13.2	9.76	3.45	13.4	9.86	4.21	12.7	9.34	4.45	12.1	8.96	4.63
	26	18	12.9	9.87	2.67	13.9	10.6	3.55	14.0	10.7	4.33	13.3	10.1	4.58	12.8	9.76	4.77
	27	19	13.0	9.99	2.68	14.0	10.7	3.57	14.1	10.8	4.35	13.4	10.2	4.60	12.8	9.88	4.79

	30	22	13.6	10.7	2.76	14.7	11.6	3.68	14.8	11.7	4.48	14.0	11.1	4.74	13.5	10.6	4.93
	32	24	14.3	11.7	2.85	15.4	12.6	3.78	15.6	12.8	4.61	14.7	12.1	4.87	14.1	11.6	5.08
H	20	14	11.0	7.45	2.39	11.9	8.02	3.17	12.0	8.11	3.87	11.3	7.68	4.09	10.9	7.37	4.26
	23	16	11.8	8.50	2.50	12.7	9.15	3.33	12.8	9.24	4.06	12.1	8.75	4.29	11.7	8.40	4.47
	26	18	12.4	9.28	2.58	13.3	9.99	3.43	13.5	10.0	4.18	12.8	9.55	4.42	12.2	9.17	4.60
	27	19	12.4	9.40	2.59	13.4	10.1	3.45	13.5	10.2	4.20	12.8	9.68	4.44	12.3	9.29	4.62
	30	22	13.1	10.1	2.67	14.1	10.9	3.55	14.2	11.0	4.32	13.5	10.4	4.57	12.9	10.0	4.76
	32	24	13.7	11.1	2.74	14.8	11.9	3.65	14.9	12.1	4.45	14.1	11.4	4.70	13.6	11.0	4.90
M	20	14	10.5	6.87	2.28	11.3	7.40	3.03	11.4	7.48	3.70	10.8	7.08	3.90	10.3	6.79	4.07
	23	16	11.2	7.88	2.39	12.1	8.48	3.18	12.2	8.57	3.88	11.5	8.11	4.10	11.1	7.79	4.27
	26	18	11.8	8.63	2.46	12.7	9.29	3.27	12.8	9.39	3.99	12.1	8.89	4.22	11.6	8.53	4.39
	27	19	11.8	8.75	2.47	12.7	9.42	3.29	12.9	9.52	4.01	12.2	9.01	4.24	11.7	8.65	4.41
	30	22	12.4	9.50	2.55	13.4	10.2	3.39	13.5	10.3	4.13	12.8	9.78	4.36	12.3	9.39	4.54
	32	24	13.0	10.4	2.62	14.0	11.2	3.49	14.2	11.3	4.25	13.4	10.7	4.49	12.9	10.3	4.68
L	20	14	10.1	6.47	2.22	10.9	6.96	2.95	11.0	7.04	3.60	10.5	6.66	3.81	10.0	6.39	3.96
	23	16	10.9	7.46	2.33	11.7	8.03	3.10	11.8	8.11	3.78	11.2	7.68	3.99	10.7	7.37	4.16
	26	18	11.4	8.20	2.40	12.3	8.83	3.19	12.4	8.92	3.89	11.8	8.44	4.11	11.3	8.11	4.28
	27	19	11.5	8.32	2.41	12.3	8.96	3.21	12.5	9.05	3.91	11.8	8.57	4.13	11.3	8.23	4.30
	30	22	12.0	9.05	2.48	13.0	9.75	3.30	13.1	9.85	4.02	12.4	9.32	4.25	11.9	8.95	4.43
	32	24	12.6	9.96	2.55	13.6	10.7	3.40	13.8	10.8	4.14	13.0	10.2	4.38	12.5	9.85	4.56

Heating

Fan speed	Outdoor air temperature °C		Indoor dry bulb temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kw	kw	kw	kw	kw	kw	kw	kw	kw	kw
Turbo	-10	-11	14.76	5.27	13.99	5.42	13.36	5.61	12.81	5.80	12.21	5.99
	-5	-5.6	14.61	4.71	13.85	4.84	13.23	5.01	12.68	5.18	12.09	5.35
	0	-0.7	15.02	4.64	14.24	4.77	13.60	4.94	13.04	5.10	12.43	5.27
	7	6	17.12	4.42	16.23	4.54	15.50	4.70	14.86	4.86	14.17	5.02
	10	8	18.11	4.55	17.17	4.68	16.40	4.84	15.72	5.00	14.99	5.17
H	-10	-11	14.21	5.25	13.47	5.39	12.86	5.58	12.33	5.77	11.76	5.96
	-5	-5.6	14.07	4.68	13.34	4.82	12.74	4.98	12.21	5.15	11.64	5.32
	0	-0.7	14.46	4.62	13.71	4.74	13.09	4.91	12.55	5.07	11.97	5.24
	7	6	16.49	4.40	15.63	4.52	14.93	4.68	14.31	4.83	13.64	5.00
	10	8	17.44	4.53	16.54	4.65	15.79	4.82	15.14	4.98	14.43	5.15
M	-10	-11	13.47	5.33	12.77	5.47	12.20	5.67	11.69	5.86	11.15	6.05
	-5	-5.6	13.34	4.75	12.64	4.89	12.07	5.06	11.58	5.23	11.04	5.40
	0	-0.7	13.71	4.68	13.00	4.82	12.41	4.98	11.90	5.15	11.34	5.32
	7	6	15.63	4.46	14.82	4.59	14.15	4.75	13.57	4.91	12.93	5.07
	10	8	16.54	4.60	15.68	4.72	14.97	4.89	14.35	5.05	13.68	5.22
L	-10	-11	12.53	5.49	11.88	5.65	11.34	5.84	10.87	6.04	10.37	6.24
	-5	-5.6	12.40	4.90	11.76	5.04	11.23	5.22	10.77	5.39	10.26	5.57
	0	-0.7	12.75	4.83	12.09	4.97	11.54	5.14	11.07	5.31	10.55	5.49
	7	6	14.54	4.60	13.78	4.73	13.16	4.90	12.62	5.06	12.03	5.23
	10	8	15.38	4.74	14.58	4.87	13.92	5.04	13.35	5.21	12.73	5.39

Symbols:

DB: Dry bulb temperature

WB: Wet bulb temperature

TC: Total cooling(heating) capacity

SHC: Sensible heat capacity

PI: Power input (compressor + indoor fan motor + outdoor fan motor)

1. The above data are based on the following conditions.

	Power Supply	Equivalent Piping Length
Indoor	230V ~50Hz	Standard Piping Length

2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.

Duct Type

AUD35P1/A-S&AUD35PS1/A-S

Cooling

Fan speed	Indoor air temperature °C		Outdoor dry bulb temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	3.01	2.27	0.55	3.24	2.45	0.74	3.27	2.47	0.90	3.10	2.34	0.95	2.98	2.25	0.99
	23	16	3.22	2.54	0.58	3.47	2.73	0.77	3.50	2.76	0.94	3.32	2.61	1.00	3.18	2.51	1.04
	26	18	3.38	2.74	0.60	3.64	2.95	0.80	3.68	2.98	0.97	3.48	2.82	1.02	3.34	2.71	1.07
	27	19	3.40	2.77	0.60	3.66	2.98	0.80	3.70	3.01	0.97	3.50	2.85	1.03	3.36	2.74	1.07
	30	22	3.57	2.97	0.62	3.84	3.20	0.82	3.88	3.23	1.00	3.68	3.06	1.06	3.53	2.94	1.10
	32	24	3.75	3.21	0.64	4.03	3.45	0.85	4.08	3.49	1.03	3.86	3.30	1.09	3.70	3.17	1.14
H	20	14	2.89	2.12	0.53	3.11	2.28	0.71	3.14	2.31	0.87	2.98	2.18	0.92	2.86	2.10	0.95
	23	16	3.09	2.38	0.56	3.33	2.56	0.75	3.36	2.59	0.91	3.18	2.45	0.96	3.06	2.35	1.00
	26	18	3.25	2.57	0.58	3.49	2.77	0.77	3.53	2.80	0.94	3.34	2.65	0.99	3.21	2.55	1.03
	27	19	3.26	2.60	0.58	3.51	2.80	0.77	3.55	2.83	0.94	3.36	2.68	0.99	3.23	2.57	1.04
	30	22	3.43	2.80	0.60	3.69	3.01	0.79	3.73	3.05	0.97	3.53	2.88	1.02	3.39	2.77	1.07
	32	24	3.60	3.03	0.61	3.87	3.27	0.82	3.91	3.30	1.00	3.70	3.12	1.05	3.56	3.00	1.10
M	20	14	2.75	1.96	0.51	2.96	2.11	0.68	2.99	2.13	0.83	2.83	2.01	0.87	2.71	1.93	0.91
	23	16	2.94	2.21	0.54	3.16	2.38	0.71	3.20	2.40	0.87	3.02	2.27	0.92	2.90	2.18	0.96
	26	18	3.08	2.39	0.55	3.32	2.58	0.73	3.36	2.61	0.89	3.18	2.47	0.94	3.05	2.37	0.98
	27	19	3.10	2.42	0.55	3.34	2.61	0.74	3.37	2.64	0.90	3.19	2.50	0.95	3.06	2.40	0.99
	30	22	3.25	2.61	0.57	3.50	2.81	0.76	3.54	2.84	0.92	3.35	2.69	0.98	3.22	2.58	1.02
	32	24	3.42	2.84	0.59	3.68	3.06	0.78	3.72	3.09	0.95	3.52	2.92	1.01	3.38	2.81	1.05
L	20	14	2.66	1.84	0.50	2.87	1.98	0.66	2.90	2.00	0.81	2.74	1.90	0.85	2.63	1.82	0.89
	23	16	2.85	2.09	0.52	3.07	2.25	0.69	3.10	2.27	0.85	2.93	2.15	0.89	2.82	2.07	0.93
	26	18	2.99	2.28	0.54	3.22	2.45	0.71	3.25	2.48	0.87	3.08	2.34	0.92	2.96	2.25	0.96
	27	19	3.01	2.30	0.54	3.24	2.48	0.72	3.27	2.51	0.88	3.10	2.37	0.92	2.97	2.28	0.96
	30	22	3.16	2.49	0.56	3.40	2.68	0.74	3.43	2.71	0.90	3.25	2.56	0.95	3.12	2.46	0.99
	32	24	3.31	2.71	0.57	3.57	2.92	0.76	3.61	2.95	0.93	3.41	2.80	0.98	3.28	2.68	1.02

Heating

Fan speed	Outdoor air temperature °C		Indoor dry bulb temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kw	kw	kw	kw	kw	kw	kw	kw	kw	kw
Turbo	-10	-11	3.81	1.12	3.61	1.15	3.45	1.19	3.31	1.23	3.15	1.27
	-5	-5.6	3.77	1.00	3.57	1.03	3.41	1.07	3.27	1.10	3.12	1.14
	0	-0.7	3.88	0.99	3.67	1.01	3.51	1.05	3.36	1.09	3.21	1.12
	7	6	4.42	0.94	4.19	0.97	4.00	1.00	3.84	1.03	3.66	1.07
	10	8	4.67	0.97	4.43	1.00	4.23	1.03	4.06	1.06	3.87	1.10
H	-10	-11	3.67	1.12	3.48	1.15	3.32	1.19	3.18	1.23	3.03	1.27
	-5	-5.6	3.63	1.00	3.44	1.02	3.29	1.06	3.15	1.10	3.00	1.13
	0	-0.7	3.73	0.98	3.54	1.01	3.38	1.04	3.24	1.08	3.09	1.12
	7	6	4.25	0.94	4.03	0.96	3.85	1.00	3.69	1.03	3.52	1.06
	10	8	4.50	0.96	4.27	0.99	4.08	1.02	3.91	1.06	3.72	1.09
M	-10	-11	3.48	1.13	3.30	1.16	3.15	1.21	3.02	1.25	2.88	1.29
	-5	-5.6	3.44	1.01	3.26	1.04	3.12	1.08	2.99	1.11	2.85	1.15
	0	-0.7	3.54	1.00	3.35	1.02	3.20	1.06	3.07	1.10	2.93	1.13
	7	6	4.03	0.95	3.82	0.98	3.65	1.01	3.50	1.04	3.34	1.08
	10	8	4.27	0.98	4.05	1.01	3.86	1.04	3.70	1.08	3.53	1.11
L	-10	-11	3.23	1.17	3.06	1.20	2.93	1.24	2.81	1.29	2.68	1.33
	-5	-5.6	3.20	1.04	3.03	1.07	2.90	1.11	2.78	1.15	2.65	1.19
	0	-0.7	3.29	1.03	3.12	1.06	2.98	1.09	2.86	1.13	2.72	1.17
	7	6	3.75	0.98	3.56	1.01	3.40	1.04	3.26	1.08	3.10	1.11
	10	8	3.97	1.01	3.76	1.04	3.59	1.07	3.44	1.11	3.28	1.15

AUD50P1/A-S&AUD50PS1/A-S

Cooling

Fan speed	Indoor air temperature °C		Outdoor dry bulb temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
			kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw
Turbo	20	14	4.56	3.15	0.81	4.91	3.39	1.08	4.96	3.43	1.32	4.69	3.24	1.39	4.51	3.11	1.45
	23	16	4.88	3.57	0.85	5.25	3.85	1.13	5.31	3.89	1.38	5.02	3.68	1.46	4.82	3.53	1.52
	26	18	5.12	3.89	0.88	5.51	4.19	1.17	5.57	4.23	1.42	5.27	4.01	1.50	5.06	3.85	1.56
	27	19	5.15	3.94	0.88	5.54	4.24	1.17	5.60	4.29	1.43	5.30	4.06	1.51	5.09	3.90	1.57
	30	22	5.40	4.26	0.91	5.82	4.58	1.21	5.88	4.63	1.47	5.57	4.39	1.55	5.34	4.21	1.62
	32	24	5.67	4.64	0.93	6.11	5.00	1.24	6.17	5.05	1.51	5.84	4.78	1.60	5.61	4.59	1.67
H	20	14	4.38	2.94	0.78	4.71	3.16	1.04	4.76	3.19	1.27	4.51	3.02	1.34	4.33	2.90	1.40
	23	16	4.68	3.35	0.82	5.04	3.60	1.09	5.09	3.64	1.33	4.82	3.45	1.41	4.63	3.31	1.47
	26	18	4.92	3.66	0.85	5.29	3.94	1.13	5.35	3.98	1.37	5.06	3.77	1.45	4.86	3.62	1.51
	27	19	4.94	3.71	0.85	5.32	3.99	1.13	5.38	4.03	1.38	5.09	3.82	1.46	4.88	3.67	1.52
	30	22	5.19	4.02	0.88	5.58	4.32	1.16	5.64	4.37	1.42	5.34	4.14	1.50	5.13	3.97	1.56
	32	24	5.45	4.39	0.90	5.86	4.73	1.20	5.93	4.78	1.46	5.61	4.52	1.54	5.39	4.34	1.61
M	20	14	4.16	2.71	0.75	4.47	2.91	0.99	4.52	2.94	1.21	4.28	2.79	1.28	4.11	2.68	1.33
	23	16	4.45	3.10	0.78	4.79	3.34	1.04	4.84	3.38	1.27	4.58	3.20	1.34	4.40	3.07	1.40
	26	18	4.67	3.40	0.81	5.03	3.66	1.07	5.08	3.70	1.31	4.81	3.50	1.38	4.62	3.36	1.44
	27	19	4.69	3.45	0.81	5.05	3.72	1.08	5.11	3.76	1.32	4.83	3.55	1.39	4.64	3.41	1.45
	30	22	4.93	3.75	0.84	5.31	4.03	1.11	5.36	4.08	1.36	5.08	3.86	1.43	4.87	3.71	1.49
	32	24	5.17	4.11	0.86	5.57	4.43	1.14	5.63	4.47	1.40	5.33	4.24	1.47	5.12	4.07	1.54
L	20	14	4.03	2.55	0.73	4.34	2.74	0.97	4.39	2.77	1.18	4.15	2.62	1.25	3.99	2.52	1.30
	23	16	4.31	2.94	0.76	4.64	3.16	1.02	4.69	3.20	1.24	4.44	3.03	1.31	4.27	2.91	1.37
	26	18	4.53	3.23	0.79	4.88	3.48	1.05	4.93	3.52	1.28	4.67	3.33	1.35	4.48	3.20	1.41

27	19	4.55	3.28	0.79	4.90	3.53	1.05	4.95	3.57	1.28	4.69	3.38	1.36	4.50	3.24	1.41
30	22	4.78	3.57	0.81	5.15	3.85	1.08	5.20	3.89	1.32	4.92	3.68	1.40	4.73	3.53	1.45
32	24	5.02	3.93	0.84	5.40	4.23	1.12	5.46	4.28	1.36	5.17	4.05	1.44	4.96	3.89	1.50

Heating

Fan speed	Outdoor air temperature °C		Indoor dry bulb temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11	5.33	1.57	5.05	1.61	4.83	1.67	4.63	1.73	4.41	1.78
	-5	-5.6	5.28	1.40	5.00	1.44	4.78	1.49	4.58	1.54	4.37	1.59
	0	-0.7	5.43	1.38	5.14	1.42	4.91	1.47	4.71	1.52	4.49	1.57
	7	6	6.19	1.32	5.86	1.35	5.60	1.40	5.37	1.45	5.12	1.50
	10	8	6.54	1.36	6.20	1.39	5.92	1.44	5.68	1.49	5.42	1.54
H	-10	-11	5.13	1.56	4.87	1.61	4.65	1.66	4.46	1.72	4.25	1.78
	-5	-5.6	5.08	1.40	4.82	1.43	4.60	1.48	4.41	1.53	4.21	1.59
	0	-0.7	5.23	1.37	4.95	1.41	4.73	1.46	4.54	1.51	4.32	1.56
	7	6	5.96	1.31	5.65	1.35	5.39	1.39	5.17	1.44	4.93	1.49
	10	8	6.30	1.35	5.97	1.39	5.71	1.43	5.47	1.48	5.21	1.53
M	-10	-11	4.87	1.59	4.61	1.63	4.41	1.69	4.22	1.74	4.03	1.80
	-5	-5.6	4.82	1.42	4.57	1.46	4.36	1.51	4.18	1.56	3.99	1.61
	0	-0.7	4.95	1.40	4.70	1.43	4.48	1.48	4.30	1.53	4.10	1.59
	7	6	5.65	1.33	5.35	1.37	5.11	1.41	4.90	1.46	4.67	1.51
	10	8	5.97	1.37	5.66	1.41	5.41	1.46	5.19	1.51	4.94	1.56
L	-10	-11	4.53	1.64	4.29	1.68	4.10	1.74	3.93	1.80	3.75	1.86
	-5	-5.6	4.48	1.46	4.25	1.50	4.06	1.55	3.89	1.61	3.71	1.66
	0	-0.7	4.61	1.44	4.37	1.48	4.17	1.53	4.00	1.58	3.81	1.64
	7	6	5.25	1.37	4.98	1.41	4.75	1.46	4.56	1.51	4.35	1.56
	10	8	5.56	1.41	5.27	1.45	5.03	1.50	4.82	1.55	4.60	1.60

AUD71PH1/A-S&AUD71PHS1/A-S

Cooling

Fan speed	Indoor air temperature °C		Outdoor dry bulb temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	6.11	4.70	1.03	6.57	5.06	1.37	6.64	5.11	1.67	6.29	4.84	1.77	6.04	4.65	1.84
	23	16	6.53	5.23	1.08	7.03	5.63	1.44	7.11	5.69	1.76	6.73	5.39	1.86	6.46	5.17	1.93
	26	18	6.86	5.63	1.12	7.38	6.06	1.48	7.46	6.13	1.81	7.06	5.80	1.91	6.78	5.57	1.99
	27	19	6.89	5.69	1.12	7.42	6.13	1.49	7.50	6.19	1.82	7.10	5.86	1.92	6.82	5.63	2.00
	30	22	7.24	6.10	1.15	7.79	6.56	1.53	7.88	6.63	1.87	7.46	6.28	1.98	7.16	6.03	2.06
	32	24	7.60	6.57	1.19	8.18	7.07	1.58	8.27	7.15	1.93	7.83	6.77	2.03	7.52	6.50	2.12
H	20	14	5.86	4.38	1.00	6.31	4.72	1.32	6.38	4.77	1.62	6.04	4.52	1.71	5.80	4.33	1.78
	23	16	6.27	4.90	1.05	6.75	5.28	1.39	6.82	5.34	1.69	6.46	5.05	1.79	6.20	4.85	1.87
	26	18	6.59	5.30	1.08	7.09	5.70	1.43	7.17	5.76	1.74	6.78	5.45	1.84	6.51	5.24	1.92
	27	19	6.62	5.35	1.08	7.12	5.76	1.44	7.20	5.82	1.75	6.82	5.51	1.85	6.54	5.29	1.93
	30	22	6.95	5.75	1.11	7.48	6.19	1.48	7.56	6.25	1.80	7.16	5.92	1.91	6.87	5.68	1.99
	32	24	7.30	6.22	1.15	7.86	6.69	1.52	7.94	6.76	1.86	7.51	6.40	1.96	7.21	6.15	2.04
M	20	14	5.57	4.05	0.95	5.99	4.36	1.27	6.06	4.40	1.54	5.73	4.17	1.63	5.51	4.00	1.70
	23	16	5.96	4.55	1.00	6.41	4.90	1.33	6.48	4.95	1.62	6.14	4.68	1.71	5.89	4.50	1.78
	26	18	6.26	4.93	1.03	6.73	5.30	1.37	6.81	5.36	1.67	6.44	5.07	1.76	6.19	4.87	1.83
	27	19	6.29	4.98	1.03	6.77	5.37	1.37	6.84	5.42	1.67	6.48	5.13	1.77	6.22	4.93	1.84
	30	22	6.60	5.36	1.06	7.11	5.77	1.41	7.18	5.84	1.72	6.80	5.52	1.82	6.53	5.30	1.90
	32	24	6.93	5.82	1.09	7.46	6.26	1.45	7.54	6.33	1.77	7.14	5.99	1.87	6.85	5.75	1.95

L	20	14	5.40	3.81	0.93	5.81	4.10	1.23	5.88	4.15	1.50	5.56	3.93	1.59	5.34	3.77	1.65
	23	16	5.78	4.31	0.97	6.22	4.64	1.29	6.29	4.69	1.58	5.95	4.44	1.67	5.71	4.26	1.74
	26	18	6.07	4.68	1.00	6.53	5.04	1.33	6.60	5.09	1.62	6.25	4.82	1.72	6.00	4.63	1.79
	27	19	6.10	4.74	1.01	6.57	5.10	1.34	6.64	5.15	1.63	6.28	4.88	1.72	6.03	4.68	1.80
	30	22	6.40	5.11	1.04	6.89	5.50	1.38	6.97	5.56	1.68	6.59	5.26	1.77	6.33	5.05	1.85
	32	24	6.72	5.56	1.07	7.24	5.99	1.42	7.32	6.05	1.73	6.92	5.73	1.83	6.65	5.50	1.90

Heating

Fan speed	Outdoor air temperature °C		Indoor dry bulb temperature °C									
			16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
DB	WB	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw
Turbo	-10	-11	7.62	2.24	7.22	2.31	6.89	2.39	6.61	2.47	6.30	2.55
	-5	-5.6	7.54	2.00	7.15	2.06	6.83	2.13	6.54	2.20	6.24	2.28
	0	-0.7	7.75	1.97	7.35	2.03	7.02	2.10	6.73	2.17	6.41	2.24
	7	6	8.84	1.88	8.38	1.93	8.00	2.00	7.67	2.07	7.31	2.14
	10	8	9.35	1.94	8.86	1.99	8.46	2.06	8.12	2.13	7.74	2.20
H	-10	-11	7.33	2.23	6.95	2.30	6.64	2.38	6.37	2.45	6.07	2.54
	-5	-5.6	7.26	1.99	6.88	2.05	6.57	2.12	6.30	2.19	6.01	2.27
	0	-0.7	7.46	1.96	7.08	2.02	6.76	2.09	6.48	2.16	6.18	2.23
	7	6	8.51	1.87	8.07	1.92	7.70	1.99	7.39	2.06	7.04	2.13
	10	8	9.00	1.93	8.53	1.98	8.15	2.05	7.81	2.12	7.45	2.19
M	-10	-11	6.95	2.27	6.59	2.33	6.29	2.41	6.03	2.49	5.75	2.58
	-5	-5.6	6.88	2.02	6.53	2.08	6.23	2.15	5.98	2.22	5.70	2.30
	0	-0.7	7.08	1.99	6.71	2.05	6.41	2.12	6.14	2.19	5.86	2.27
	7	6	8.07	1.90	7.65	1.95	7.30	2.02	7.00	2.09	6.68	2.16
	10	8	8.53	1.96	8.09	2.01	7.73	2.08	7.41	2.15	7.06	2.22
L	-10	-11	6.47	2.34	6.13	2.40	5.85	2.49	5.61	2.57	5.35	2.66
	-5	-5.6	6.40	2.09	6.07	2.15	5.80	2.22	5.56	2.29	5.30	2.37
	0	-0.7	6.58	2.06	6.24	2.11	5.96	2.19	5.71	2.26	5.45	2.34
	7	6	7.50	1.96	7.11	2.01	6.79	2.08	6.51	2.15	6.21	2.23
	10	8	7.94	2.02	7.52	2.07	7.19	2.15	6.89	2.22	6.57	2.29

AUD85PH1/A-S&AUD85PHS1/A-S

Cooling

Fan speed	Indoor air temperature °C		Outdoor dry bulb temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	
Turbo	20	14	7.31	5.40	1.34	7.87	5.82	1.79	7.95	5.88	2.18	7.53	5.57	2.30	7.23	5.34	2.40
	23	16	7.82	6.06	1.41	8.42	6.52	1.88	8.51	6.59	2.29	8.05	6.24	2.42	7.73	5.99	2.52
	26	18	8.21	6.55	1.45	8.84	7.05	1.93	8.94	7.13	2.35	8.46	6.74	2.49	8.12	6.47	2.59
	27	19	8.25	6.62	1.46	8.89	7.13	1.94	8.98	7.21	2.37	8.50	6.82	2.50	8.16	6.55	2.60
	30	22	8.67	7.12	1.50	9.33	7.66	2.00	9.43	7.74	2.44	8.93	7.33	2.57	8.57	7.04	2.68
	32	24	9.10	7.70	1.55	9.80	8.29	2.06	9.90	8.38	2.51	9.37	7.93	2.65	9.00	7.62	2.76
H	20	14	7.02	5.04	1.30	7.55	5.43	1.73	7.64	5.48	2.10	7.23	5.19	2.22	6.94	4.98	2.31
	23	16	7.51	5.68	1.36	8.08	6.11	1.81	8.17	6.18	2.21	7.73	5.85	2.33	7.42	5.61	2.43
	26	18	7.88	6.16	1.40	8.49	6.63	1.86	8.58	6.70	2.27	8.12	6.34	2.40	7.80	6.09	2.50
	27	19	7.92	6.23	1.41	8.53	6.71	1.87	8.62	6.78	2.28	8.16	6.42	2.41	7.83	6.16	2.51
	30	22	8.32	6.71	1.45	8.96	7.22	1.93	9.05	7.30	2.35	8.57	6.91	2.48	8.23	6.64	2.59
	32	24	8.74	7.29	1.49	9.40	7.85	1.98	9.50	7.93	2.42	9.00	7.51	2.56	8.64	7.21	2.66
M	20	14	6.67	4.65	1.24	7.18	5.01	1.65	7.25	5.06	2.01	6.87	4.79	2.12	6.59	4.60	2.21
	23	16	7.13	5.27	1.30	7.68	5.67	1.73	7.76	5.73	2.11	7.35	5.42	2.23	7.05	5.21	2.32
	26	18	7.49	5.73	1.34	8.06	6.17	1.78	8.15	6.23	2.17	7.71	5.90	2.29	7.41	5.66	2.39

	27	19	7.53	5.80	1.34	8.10	6.24	1.79	8.19	6.31	2.18	7.75	5.97	2.30	7.44	5.73	2.40
	30	22	7.90	6.26	1.38	8.51	6.74	1.84	8.60	6.81	2.24	8.14	6.45	2.37	7.81	6.19	2.47
	32	24	8.30	6.82	1.42	8.93	7.34	1.89	9.03	7.42	2.31	8.55	7.03	2.44	8.21	6.75	2.54
L	20	14	6.47	4.38	1.21	6.96	4.71	1.61	7.04	4.76	1.96	6.66	4.51	2.07	6.39	4.33	2.15
	23	16	6.92	4.99	1.27	7.45	5.37	1.68	7.53	5.43	2.05	7.13	5.14	2.17	6.84	4.93	2.26
	26	18	7.27	5.44	1.30	7.82	5.86	1.73	7.90	5.92	2.11	7.48	5.60	2.23	7.18	5.38	2.33
	27	19	7.30	5.51	1.31	7.86	5.94	1.74	7.94	6.00	2.12	7.52	5.68	2.24	7.22	5.45	2.34
	30	22	7.67	5.97	1.35	8.25	6.43	1.79	8.34	6.49	2.19	7.90	6.15	2.31	7.58	5.90	2.41
	32	24	8.05	6.52	1.39	8.67	7.02	1.85	8.76	7.10	2.25	8.29	6.72	2.38	7.96	6.45	2.48

Heating

Fan speed	Outdoor air temperature °C		Indoor dry bulb temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11	8.09	2.52	7.67	2.59	7.33	2.69	7.02	2.78	6.70	2.87
	-5	-5.6	8.01	2.25	7.59	2.32	7.25	2.40	6.95	2.48	6.63	2.56
	0	-0.7	8.24	2.22	7.81	2.28	7.46	2.36	7.15	2.44	6.81	2.52
	7	6	9.39	2.11	8.90	2.17	8.50	2.25	8.15	2.33	7.77	2.40
	10	8	9.93	2.18	9.42	2.24	8.99	2.32	8.62	2.40	8.22	2.48
H	-10	-11	7.79	2.51	7.39	2.58	7.05	2.67	6.76	2.76	6.45	2.85
	-5	-5.6	7.71	2.24	7.31	2.31	6.98	2.39	6.70	2.47	6.38	2.55
	0	-0.7	7.93	2.21	7.52	2.27	7.18	2.35	6.88	2.43	6.56	2.51
	7	6	9.04	2.10	8.57	2.16	8.19	2.24	7.85	2.31	7.48	2.39
M	-10	-11	7.39	2.55	7.00	2.62	6.69	2.71	6.41	2.80	6.11	2.90
	-5	-5.6	7.31	2.28	6.93	2.34	6.62	2.42	6.35	2.50	6.05	2.59
	0	-0.7	7.52	2.24	7.13	2.31	6.81	2.39	6.53	2.47	6.22	2.55
	7	6	8.57	2.14	8.13	2.20	7.76	2.27	7.44	2.35	7.09	2.43
	10	8	9.07	2.20	8.60	2.26	8.21	2.34	7.87	2.42	7.50	2.50
L	-10	-11	6.87	2.63	6.51	2.70	6.22	2.80	5.96	2.89	5.68	2.99
	-5	-5.6	6.80	2.35	6.45	2.41	6.16	2.50	5.90	2.58	5.63	2.67
	0	-0.7	6.99	2.31	6.63	2.38	6.33	2.46	6.07	2.54	5.79	2.63
	7	6	7.97	2.20	7.56	2.26	7.22	2.34	6.92	2.42	6.60	2.50
	10	8	8.43	2.27	8.00	2.33	7.64	2.41	7.32	2.49	6.98	2.58

AUD100PH1/A-S&AUD100PHS1/A-S

Cooling

Fan speed	Indoor air temperature °C		Outdoor dry bulb temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	9.03	7.27	1.61	9.72	7.83	2.15	9.82	7.91	2.62	9.30	7.49	2.76	8.93	7.19	2.88
	23	16	9.66	8.03	1.69	10.40	8.65	2.25	10.51	8.74	2.74	9.95	8.27	2.90	9.55	7.94	3.02
	26	18	10.14	8.61	1.74	10.92	9.27	2.32	11.04	9.37	2.83	10.45	8.87	2.99	10.03	8.51	3.11
	27	19	10.20	8.69	1.75	10.98	9.36	2.33	11.09	9.46	2.84	10.50	8.95	3.00	10.08	8.59	3.12
	30	22	10.71	9.28	1.80	11.52	9.99	2.40	11.65	10.09	2.92	11.03	9.55	3.09	10.58	9.17	3.22
	32	24	11.24	9.95	1.86	12.10	10.72	2.47	12.23	10.83	3.01	11.58	10.25	3.18	11.11	9.84	3.31
H	20	14	8.67	6.79	1.56	9.33	7.31	2.07	9.43	7.38	2.52	8.93	6.99	2.67	8.57	6.71	2.78
	23	16	9.28	7.53	1.63	9.99	8.11	2.17	10.09	8.20	2.65	9.55	7.76	2.80	9.17	7.45	2.91
	26	18	9.74	8.10	1.68	10.48	8.71	2.24	10.60	8.81	2.73	10.03	8.34	2.88	9.63	8.00	3.00
	27	19	9.79	8.18	1.69	10.54	8.80	2.25	10.65	8.90	2.74	10.08	8.42	2.89	9.68	8.08	3.01
	30	22	10.28	8.75	1.74	11.06	9.42	2.31	11.18	9.52	2.82	10.58	9.01	2.98	10.16	8.65	3.10
	32	24	10.79	9.41	1.79	11.62	10.13	2.38	11.74	10.24	2.90	11.11	9.69	3.07	10.67	9.31	3.19

M	20	14	8.24	6.27	1.49	8.87	6.75	1.98	8.96	6.82	2.41	8.48	6.45	2.55	8.14	6.20	2.65
	23	16	8.81	6.99	1.56	9.49	7.52	2.07	9.59	7.60	2.53	9.07	7.20	2.67	8.71	6.91	2.78
	26	18	9.25	7.53	1.60	9.96	8.11	2.13	10.07	8.20	2.60	9.53	7.76	2.75	9.15	7.45	2.86
	27	19	9.30	7.61	1.61	10.01	8.19	2.15	10.12	8.28	2.62	9.58	7.84	2.76	9.19	7.53	2.88
	30	22	9.76	8.16	1.66	10.51	8.79	2.21	10.62	8.88	2.69	10.05	8.40	2.84	9.65	8.07	2.96
	32	24	10.25	8.81	1.71	11.04	9.48	2.27	11.15	9.59	2.77	10.56	9.07	2.93	10.14	8.71	3.05
L	20	14	7.99	5.91	1.45	8.60	6.36	1.93	8.69	6.43	2.35	8.23	6.08	2.48	7.90	5.84	2.59
	23	16	8.55	6.62	1.52	9.20	7.13	2.02	9.30	7.20	2.46	8.80	6.82	2.60	8.45	6.54	2.71
	26	18	8.97	7.16	1.56	9.66	7.70	2.08	9.76	7.79	2.54	9.24	7.37	2.68	8.87	7.07	2.79
	27	19	9.02	7.24	1.57	9.71	7.79	2.09	9.81	7.87	2.55	9.29	7.45	2.69	8.92	7.15	2.81
	30	22	9.47	7.78	1.62	10.20	8.37	2.15	10.30	8.46	2.62	9.75	8.01	2.77	9.36	7.69	2.89
	32	24	9.94	8.42	1.67	10.70	9.06	2.22	10.82	9.16	2.70	10.24	8.67	2.85	9.83	8.32	2.97

Heating

Fan speed	Outdoor air temperature °C		Indoor dry bulb temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11	10.95	3.14	10.38	3.23	9.91	3.34	9.50	3.45	9.06	3.57
	-5	-5.6	10.84	2.80	10.28	2.88	9.81	2.98	9.41	3.08	8.97	3.19
	0	-0.7	11.14	2.76	10.56	2.84	10.09	2.94	9.67	3.04	9.22	3.14
	7	6	12.70	2.63	12.04	2.71	11.50	2.80	11.03	2.89	10.51	2.99
	10	8	13.44	2.71	12.74	2.79	12.17	2.88	11.67	2.98	11.12	3.08
H	-10	-11	10.54	3.13	9.99	3.21	9.54	3.33	9.15	3.44	8.72	3.55
	-5	-5.6	10.44	2.79	9.90	2.87	9.45	2.97	9.06	3.07	8.64	3.17
	0	-0.7	10.73	2.75	10.17	2.83	9.71	2.93	9.31	3.02	8.88	3.12
	7	6	12.23	2.62	11.60	2.69	11.07	2.79	10.62	2.88	10.12	2.98
	10	8	12.94	2.70	12.27	2.77	11.72	2.87	11.23	2.97	10.71	3.07
M	-10	-11	9.99	3.17	9.47	3.26	9.05	3.38	8.68	3.49	8.27	3.61
	-5	-5.6	9.90	2.83	9.38	2.91	8.96	3.01	8.59	3.11	8.19	3.22
	0	-0.7	10.17	2.79	9.64	2.87	9.21	2.97	8.83	3.07	8.42	3.17
	7	6	11.60	2.66	10.99	2.73	10.50	2.83	10.07	2.92	9.60	3.02
	10	8	12.27	2.74	11.63	2.81	11.11	2.91	10.65	3.01	10.15	3.11
L	-10	-11	9.29	3.27	8.81	3.36	8.41	3.48	8.07	3.60	7.69	3.72
	-5	-5.6	9.20	2.92	8.72	3.00	8.33	3.11	7.99	3.21	7.61	3.32
	0	-0.7	9.46	2.88	8.97	2.96	8.56	3.06	8.21	3.17	7.83	3.27
	7	6	10.78	2.74	10.22	2.82	9.76	2.92	9.36	3.01	8.92	3.12
	10	8	11.41	2.82	10.82	2.90	10.33	3.00	9.90	3.10	9.44	3.21

AUD125PH1/A-S&AUD125PHS1/A-S

Cooling

Fan speed	Indoor air temperature °C		Outdoor dry bulb temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	10.41	7.55	1.93	11.20	8.13	2.56	11.32	8.21	3.12	10.72	7.77	3.30	10.29	7.46	3.44
	23	16	11.13	8.49	2.02	11.99	9.14	2.69	12.11	9.24	3.28	11.47	8.74	3.46	11.01	8.39	3.60
	26	18	11.69	9.19	2.08	12.59	9.90	2.77	12.72	10.00	3.37	12.04	9.47	3.56	11.56	9.09	3.71
	27	19	11.75	9.30	2.09	12.65	10.01	2.78	12.78	10.12	3.39	12.10	9.58	3.58	11.62	9.20	3.73
	30	22	12.34	10.01	2.15	13.28	10.78	2.86	13.42	10.89	3.49	12.71	10.31	3.69	12.20	9.90	3.84
	32	24	12.95	10.86	2.21	13.94	11.69	2.94	14.09	11.82	3.59	13.34	11.19	3.79	12.81	10.74	3.95
H	20	14	9.99	7.04	1.86	10.75	7.58	2.47	10.87	7.66	3.01	10.29	7.25	3.18	9.88	6.96	3.31
	23	16	10.69	7.96	1.95	11.51	8.56	2.59	11.63	8.66	3.16	11.01	8.19	3.34	10.57	7.87	3.48
	26	18	11.22	8.64	2.01	12.08	9.31	2.67	12.21	9.41	3.25	11.56	8.90	3.44	11.10	8.55	3.58

	27	19	11.28	8.75	2.02	12.14	9.42	2.68	12.27	9.52	3.27	11.62	9.01	3.45	11.15	8.65	3.60
	30	22	11.84	9.44	2.08	12.75	10.16	2.76	12.89	10.27	3.37	12.20	9.72	3.56	11.71	9.34	3.70
	32	24	12.44	10.27	2.14	13.39	11.06	2.84	13.53	11.18	3.46	12.81	10.58	3.66	12.30	10.16	3.81
M	20	14	9.49	6.49	1.77	10.22	6.99	2.36	10.33	7.06	2.88	9.77	6.69	3.04	9.38	6.42	3.16
	23	16	10.15	7.38	1.86	10.93	7.94	2.47	11.05	8.03	3.02	10.46	7.60	3.19	10.04	7.30	3.32
	26	18	10.66	8.04	1.92	11.48	8.66	2.55	11.60	8.75	3.11	10.98	8.28	3.28	10.54	7.95	3.42
	27	19	10.72	8.15	1.92	11.54	8.77	2.56	11.66	8.87	3.12	11.04	8.39	3.30	10.59	8.06	3.43
	30	22	11.25	8.81	1.98	12.11	9.49	2.64	12.24	9.59	3.21	11.59	9.07	3.39	11.12	8.71	3.54
	32	24	11.81	9.62	2.04	12.72	10.35	2.71	12.85	10.47	3.31	12.17	9.91	3.49	11.68	9.51	3.64
L	20	14	9.21	6.11	1.73	9.91	6.58	2.30	10.02	6.65	2.80	9.48	6.29	2.96	9.10	6.04	3.09
	23	16	9.85	6.99	1.81	10.60	7.52	2.41	10.72	7.60	2.94	10.14	7.19	3.11	9.74	6.91	3.24
	26	18	10.34	7.64	1.87	11.13	8.23	2.48	11.25	8.31	3.03	10.65	7.87	3.20	10.23	7.55	3.33
	27	19	10.39	7.75	1.88	11.19	8.34	2.50	11.31	8.43	3.04	10.70	7.98	3.21	10.28	7.66	3.35
	30	22	10.91	8.40	1.93	11.75	9.04	2.57	11.87	9.14	3.13	11.24	8.65	3.31	10.79	8.30	3.45
	32	24	11.46	9.19	1.99	12.34	9.90	2.64	12.47	10.00	3.22	11.80	9.47	3.41	11.33	9.09	3.55

Heating

Fan speed	Outdoor air temperature °C		Indoor dry bulb temperature °C									
			16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
DB	WB	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw
Turbo	-10	-11	12.85	4.15	12.18	4.27	11.63	4.42	11.16	4.56	10.63	4.72
	-5	-5.6	12.72	3.71	12.06	3.81	11.52	3.94	11.04	4.08	10.53	4.21
	0	-0.7	13.08	3.65	12.40	3.75	11.84	3.89	11.35	4.02	10.82	4.15
	7	6	14.91	3.48	14.14	3.57	13.50	3.70	12.94	3.82	12.34	3.95
	10	8	15.78	3.58	14.96	3.68	14.28	3.81	13.69	3.94	13.05	4.07
H	-10	-11	12.38	4.13	11.73	4.25	11.20	4.39	10.74	4.54	10.24	4.69
	-5	-5.6	12.25	3.69	11.62	3.79	11.09	3.92	10.64	4.06	10.14	4.19
	0	-0.7	12.60	3.63	11.94	3.73	11.40	3.87	10.93	4.00	10.42	4.13
	7	6	14.36	3.46	13.61	3.56	13.00	3.68	12.46	3.80	11.88	3.93
	10	8	15.19	3.56	14.40	3.66	13.75	3.79	13.19	3.92	12.57	4.05
M	-10	-11	11.73	4.19	11.12	4.31	10.62	4.46	10.18	4.61	9.71	4.76
	-5	-5.6	11.62	3.74	11.01	3.85	10.52	3.98	10.08	4.12	9.61	4.25
	0	-0.7	11.94	3.69	11.32	3.79	10.81	3.92	10.37	4.06	9.88	4.19
	7	6	13.61	3.51	12.91	3.61	12.32	3.74	11.82	3.86	11.26	3.99
	10	8	14.40	3.62	13.65	3.72	13.04	3.85	12.50	3.98	11.92	4.11
L	-10	-11	10.91	4.32	10.34	4.44	9.88	4.60	9.47	4.75	9.03	4.91
	-5	-5.6	10.80	3.86	10.24	3.97	9.78	4.11	9.38	4.25	8.94	4.39
	0	-0.7	11.11	3.80	10.53	3.91	10.05	4.05	9.64	4.18	9.19	4.32
	7	6	12.66	3.62	12.00	3.72	11.46	3.85	10.99	3.98	10.48	4.12
	10	8	13.39	3.73	12.70	3.84	12.13	3.97	11.63	4.10	11.08	4.24

AUD140PH1/A-S&AUD140PHS1/A-S

Cooling

Fan speed	Indoor air temperature °C		Outdoor dry bulb temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	
Turbo	20	14	11.5	9.06	2.42	12.4	9.76	3.22	12.5	9.86	3.92	11.8	9.33	4.15	11.3	8.96	4.32
	23	16	12.3	10.0	2.54	13.2	10.8	3.38	13.4	10.9	4.12	12.7	10.3	4.35	12.1	9.94	4.53
	26	18	12.9	10.8	2.61	13.9	11.6	3.48	14.0	11.7	4.24	13.3	11.1	4.48	12.8	10.6	4.66
	27	19	13.0	10.9	2.63	14.0	11.7	3.49	14.1	11.8	4.26	13.4	11.2	4.50	12.8	10.7	4.69
	30	22	13.6	11.6	2.70	14.7	12.5	3.60	14.8	12.6	4.38	14.0	12.0	4.63	13.5	11.5	4.83
	32	24	14.3	12.5	2.78	15.4	13.5	3.70	15.6	13.6	4.51	14.7	12.9	4.77	14.1	12.4	4.97

H	20	14	11.0	8.46	2.33	11.9	9.10	3.11	12.0	9.20	3.79	11.3	8.71	4.00	10.9	8.36	4.17
	23	16	11.8	9.42	2.45	12.7	10.1	3.26	12.8	10.2	3.97	12.1	9.70	4.20	11.7	9.32	4.37
	26	18	12.4	10.1	2.52	13.3	10.9	3.35	13.5	11.0	4.09	12.8	10.4	4.32	12.2	10.0	4.50
	27	19	12.4	10.2	2.53	13.4	11.0	3.37	13.5	11.1	4.11	12.8	10.5	4.34	12.3	10.1	4.52
	30	22	13.1	11.0	2.61	14.1	11.8	3.47	14.2	11.9	4.23	13.5	11.3	4.47	12.9	10.8	4.66
	32	24	13.7	11.8	2.69	14.8	12.7	3.57	14.9	12.9	4.35	14.1	12.2	4.60	13.6	11.7	4.79
M	20	14	10.5	7.81	2.23	11.3	8.40	2.96	11.4	8.49	3.62	10.8	8.04	3.82	10.3	7.72	3.98
	23	16	11.2	8.74	2.34	12.1	9.41	3.11	12.2	9.51	3.79	11.5	9.00	4.01	11.1	8.64	4.17
	26	18	11.8	9.45	2.41	12.7	10.1	3.20	12.8	10.2	3.90	12.1	9.73	4.12	11.6	9.34	4.30
	27	19	11.8	9.55	2.42	12.7	10.2	3.22	12.9	10.3	3.92	12.2	9.84	4.15	11.7	9.44	4.32
	30	22	12.4	10.2	2.49	13.4	11.0	3.31	13.5	11.1	4.04	12.8	10.5	4.27	12.3	10.1	4.44
	32	24	13.0	11.1	2.56	14.0	11.9	3.41	14.2	12.0	4.16	13.4	11.4	4.39	12.9	10.9	4.58
L	20	14	10.1	7.36	2.17	10.9	7.92	2.89	11.0	8.00	3.52	10.5	7.57	3.72	10.0	7.27	3.88
	23	16	10.9	8.28	2.28	11.7	8.91	3.03	11.8	9.01	3.70	11.2	8.53	3.91	10.7	8.19	4.07
	26	18	11.4	8.97	2.35	12.3	9.66	3.12	12.4	9.76	3.81	11.8	9.24	4.02	11.3	8.87	4.19
	27	19	11.5	9.08	2.36	12.3	9.77	3.14	12.5	9.88	3.82	11.8	9.35	4.04	11.3	8.98	4.21
	30	22	12.0	9.78	2.43	13.0	10.5	3.23	13.1	10.6	3.94	12.4	10.0	4.16	11.9	9.67	4.33
	32	24	12.6	10.6	2.50	13.6	11.4	3.32	13.8	11.5	4.05	13.0	10.9	4.28	12.5	10.4	4.46

Heating

Fan speed	Outdoor air temperature °C		Indoor dry bulb temperature °C										
			16		18		20		22		24		
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
	DB	WB	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw	kw
Turbo	-10	-11	14.76	5.05	13.99	5.19	13.36	5.37	12.81	5.55	12.21	5.74	
	-5	-5.6	14.61	4.51	13.85	4.63	13.23	4.80	12.68	4.96	12.09	5.12	
	0	-0.7	15.02	4.44	14.24	4.57	13.60	4.73	13.04	4.88	12.43	5.05	
	7	6	17.12	4.23	16.23	4.35	15.50	4.50	14.86	4.65	14.17	4.81	
	10	8	18.11	4.36	17.17	4.48	16.40	4.64	15.72	4.79	14.99	4.95	
H	-10	-11	14.21	5.02	13.47	5.16	12.86	5.34	12.33	5.52	11.76	5.71	
	-5	-5.6	14.07	4.49	13.34	4.61	12.74	4.77	12.21	4.93	11.64	5.10	
	0	-0.7	14.46	4.42	13.71	4.54	13.09	4.70	12.55	4.86	11.97	5.02	
	7	6	16.49	4.21	15.63	4.33	14.93	4.48	14.31	4.63	13.64	4.78	
	10	8	17.44	4.33	16.54	4.46	15.79	4.61	15.14	4.77	14.43	4.93	
M	-10	-11	13.47	5.10	12.77	5.24	12.20	5.43	11.69	5.61	11.15	5.79	
	-5	-5.6	13.34	4.55	12.64	4.68	12.07	4.84	11.58	5.01	11.04	5.17	
	0	-0.7	13.71	4.49	13.00	4.61	12.41	4.77	11.90	4.93	11.34	5.10	
	7	6	15.63	4.27	14.82	4.39	14.15	4.55	13.57	4.70	12.93	4.85	
	10	8	16.54	4.40	15.68	4.52	14.97	4.68	14.35	4.84	13.68	5.00	
L	-10	-11	12.53	5.26	11.88	5.41	11.34	5.60	10.87	5.78	10.37	5.98	
	-5	-5.6	12.40	4.70	11.76	4.83	11.23	5.00	10.77	5.16	10.26	5.34	
	0	-0.7	12.75	4.63	12.09	4.76	11.54	4.92	11.07	5.09	10.55	5.26	
	7	6	14.54	4.41	13.78	4.53	13.16	4.69	12.62	4.84	12.03	5.01	
	10	8	15.38	4.54	14.58	4.66	13.92	4.83	13.35	4.99	12.73	5.16	

Symbols:

DB: Dry bulb temperature

WB: Wet bulb temperature

TC: Total cooling(heating) capacity

SHC: Sensible heat capacity

PI: Power input (compressor + indoor fan motor + outdoor fan motor)

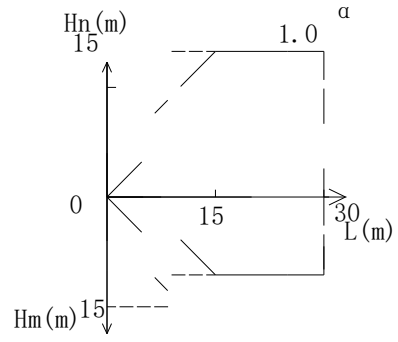
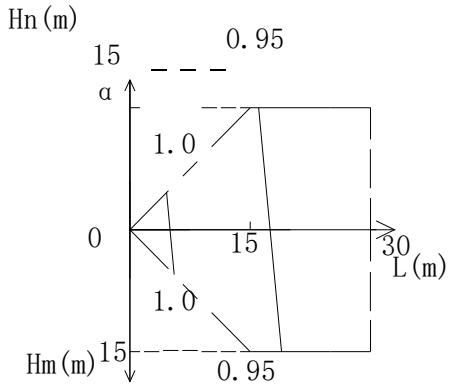
2. The above data are based on the following conditions.

Pipe Length Drop Capacity Correction

AUD35T1/A-S; AUD35P1/A-S; AUD35PS1/A-S; AUD35ZD1/A-S

Cooling

Heating

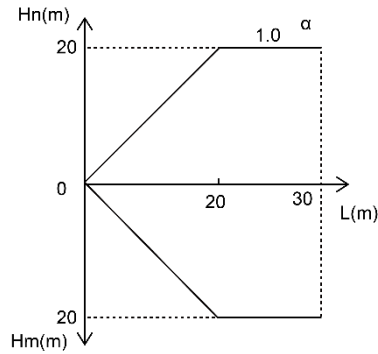
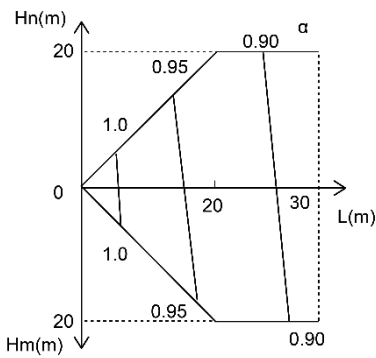


AUD50T1/A-S; AUD50T1/A1-S; AUD50P1/A-S; AUD50PS1/A-S; AUD50ZD1/A-S

AUD71T1/A-S; AUD71PH1/A-S; AUD71PHS1/A-S; AUD71ZD1/A-S

Cooling

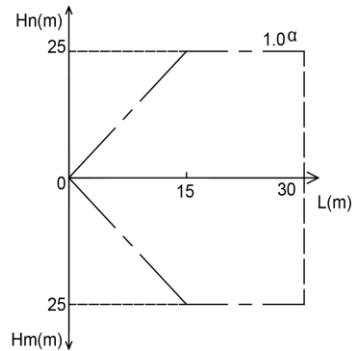
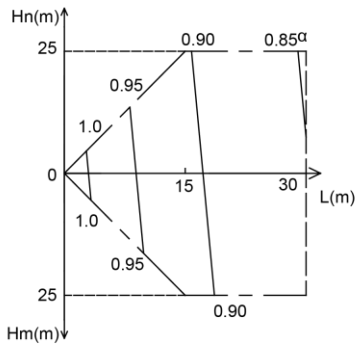
Heating



AUD85T1/A-S; AUD85PH1/A-S; AUD85PHS1/A-S; AUD85ZD1/A-S

Cooling

Heating



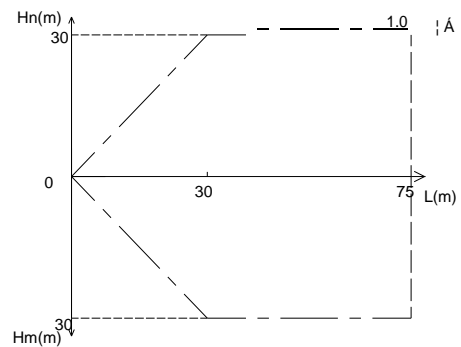
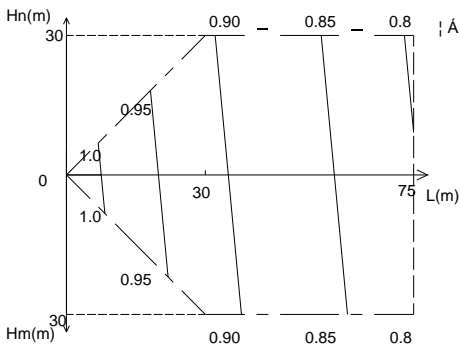
AUD100T1/A-S; AUD100PH1/A-S; AUD100PHS1/A-S; AUD100ZD1/A-S

AUD125T1/A-S; AUD125PH1/A-S; AUD125PHS1/A-S; AUD125ZD1/A-S

AUD140T1/A-S; AUD140PH1/A-S; AUD140PHS1/A-S; AUD140ZD1/A-S

Cooling

Heating



Symbols:

- L: Length of connection pipe
- Hn: ODU is lower than IDU
- Hm: ODU is higher than IDU
- α : Capacity correction factor

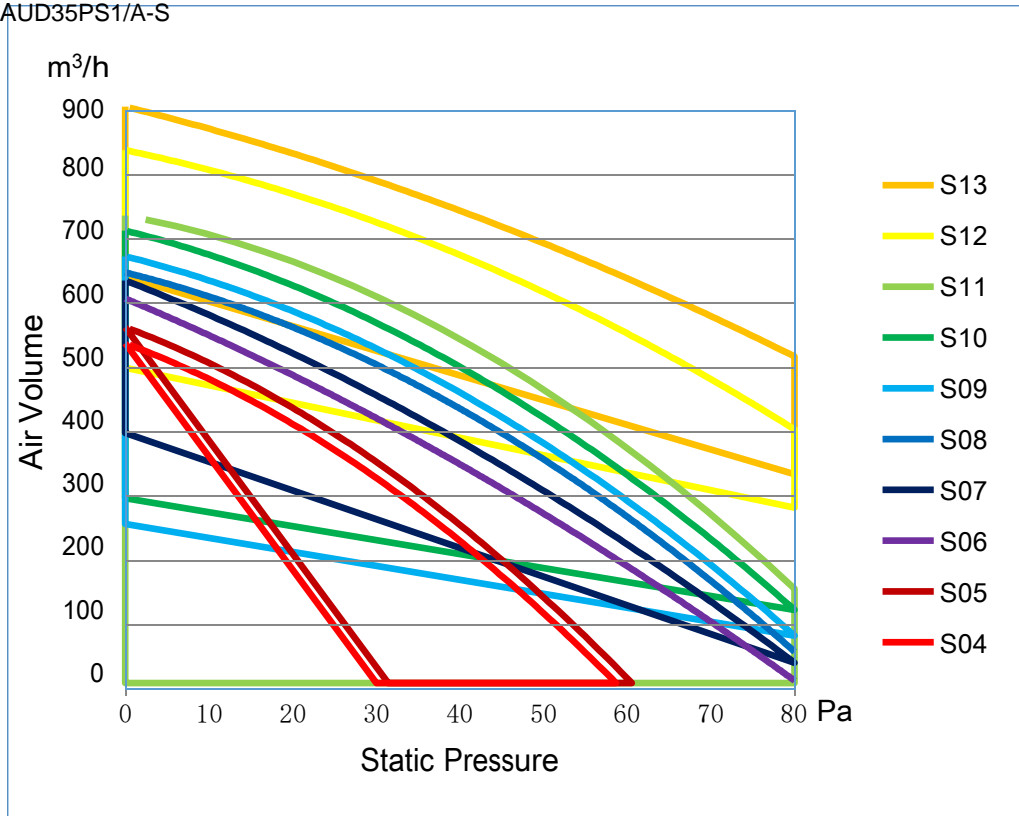
Notes:

- Above figures indicate the capacity change rate of a standard indoor unit system under maximum load in standard conditions.
 - Under partial load, the capacity change rate indicated above will have a very small deviation.
 - Capacity calculation method for cooling/heating
- Cooling/heating capacity = the corresponding capacity in the table of cooling/heating performance * Capacity correction factor

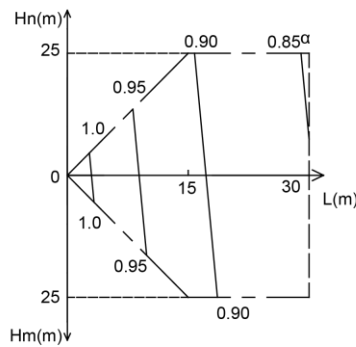
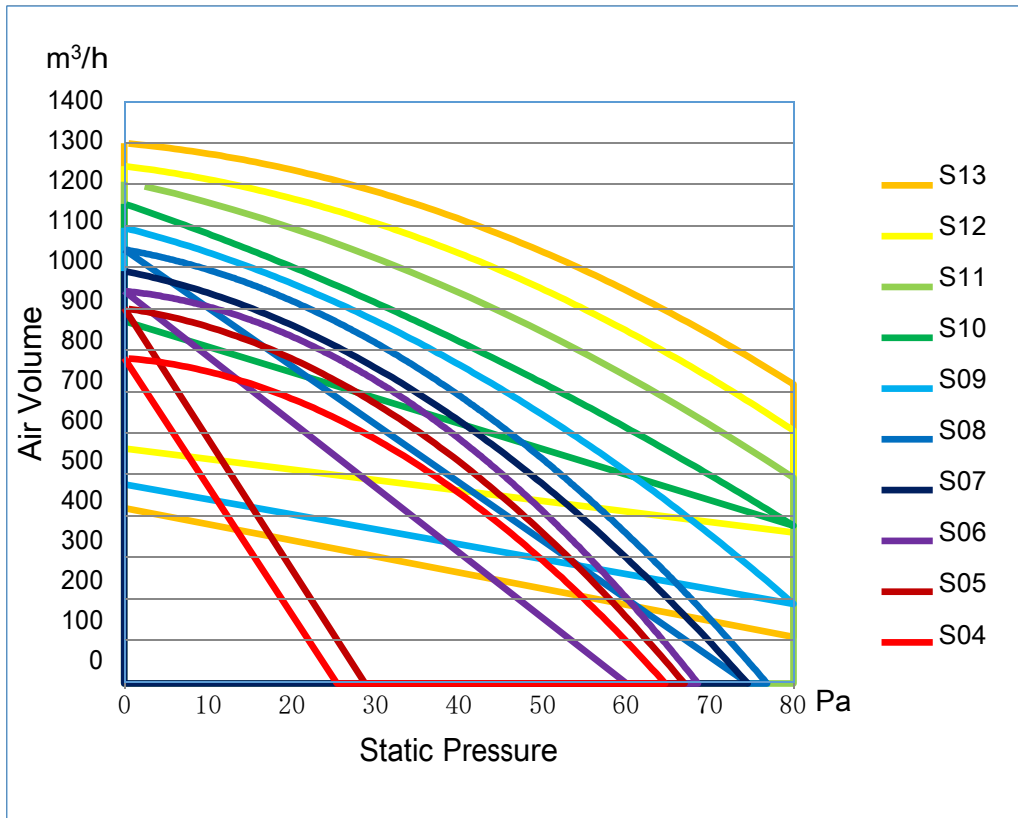
AIR VOLUME STATIC PRESSURE CURVE

Common Duct Type

AUD35P1/A-S&AUD35PS1/A-S



AUD50P1/A-S&AUD50PS1/A-S

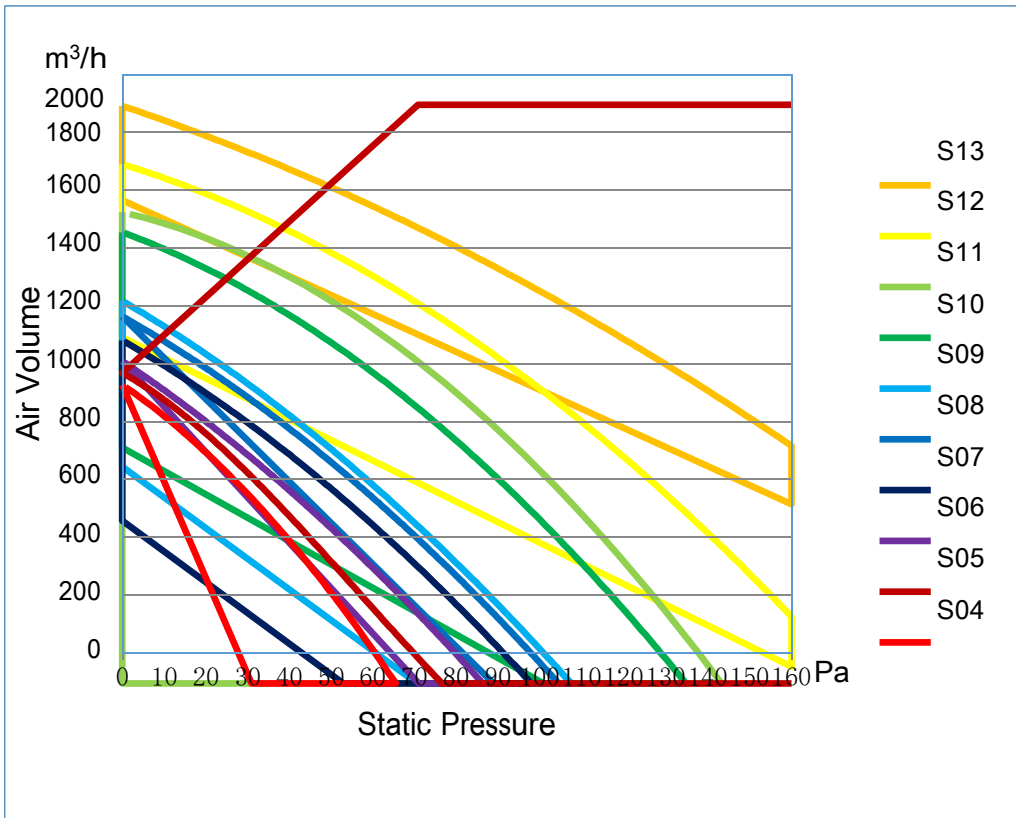


Note:

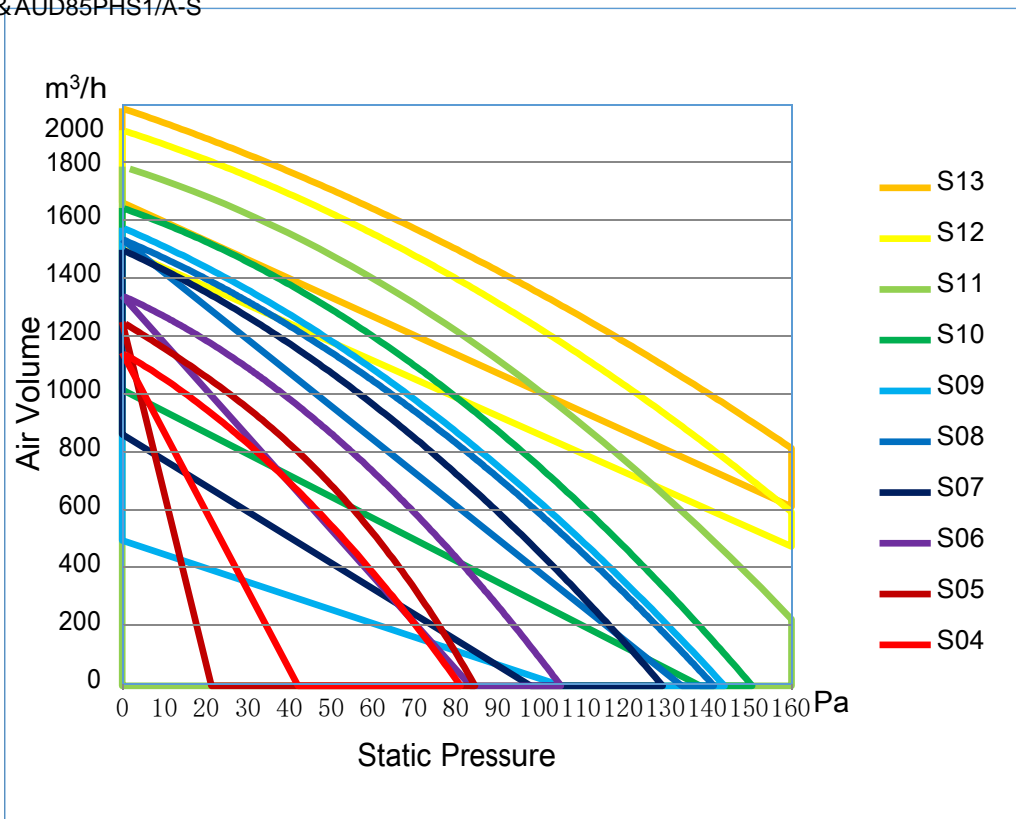
1. The external static pressure (ESP) can be changed in 5 levels by the remote controller.
2. The default ESP mode setting is P05 which is the rated ESP.
3. The remote controller can be used to change turbo, H, M and L.

Static pressure selection	Super high speed	High speed	Medium high speed	Medium speed	Medium low speed	Low speed	Quiet R1 speed	Quiet R2 speed	Quiet R3 speed
P03	S09	S08	S07	S06	S05	S04	S03	S02	S01
P04	S10	S09	S08	S07	S06	S05	S04	S03	S02
P05	S11	S10	S09	S08	S07	S06	S05	S04	S03
P06	S12	S11	S10	S09	S08	S07	S06	S05	S04
P07	S13	S12	S11	S10	S09	S08	S07	S06	S05

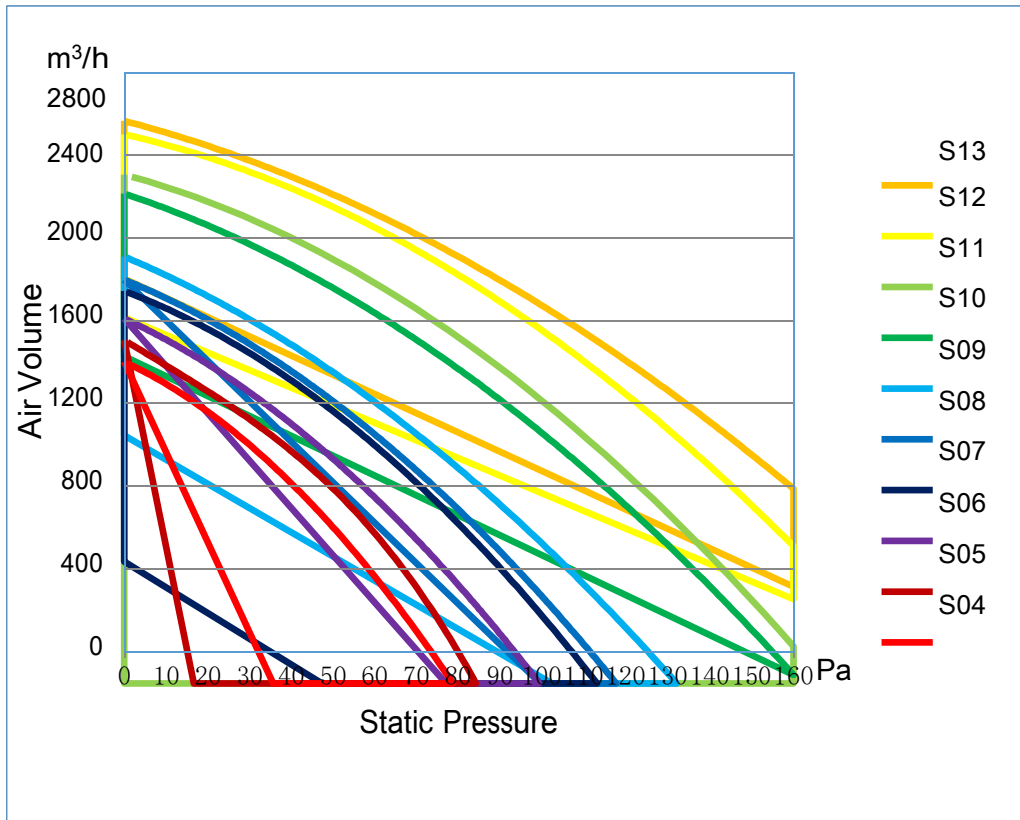
High Static Pressure Duct Type



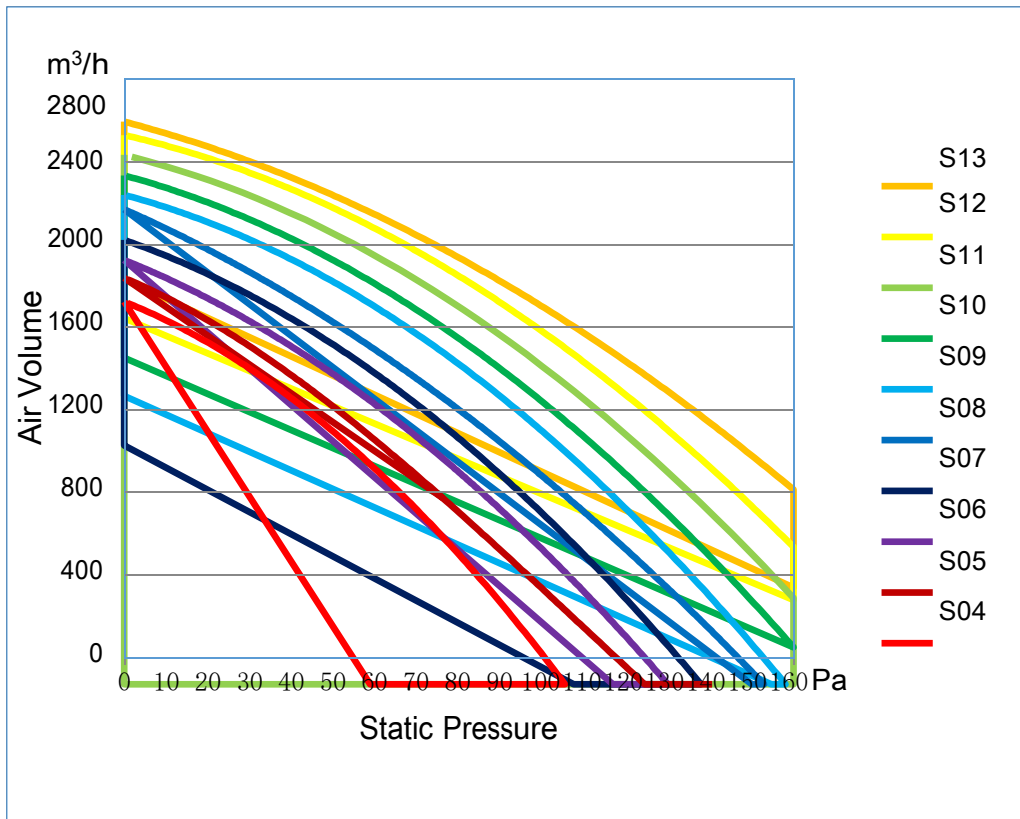
AUD85PH1/A-S & AUD85PHS1/A-S



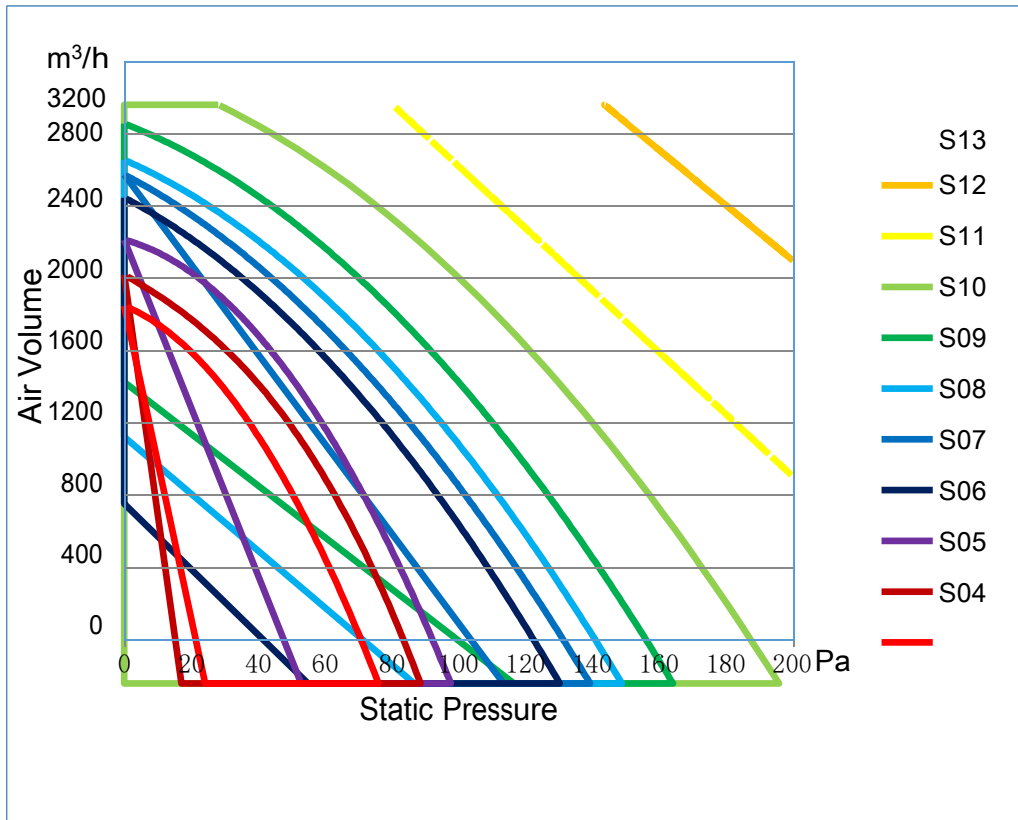
AUD100PH1/A-S & AUD100PHS1/A-S



AUD125PH1/A-S & AUD125PHS1/A-S



AUD140PH1/A-S & AUD140PHS1/A-S



Note:

1. The external static pressure (ESP) can be changed in 9 levels by the remote controller.
2. The default ESP mode setting is P05 which is the rated ESP.
3. The remote controller can be used to change turbo, H, M and L.

Static pressure selection	Super high speed	High speed	Medium high speed	Medium speed	Medium low speed	Low speed	Quiet R1 speed	Quiet R2 speed	Quiet R3 speed
P01	S05	S03	S02	S02	S01	S01	S01	S01	S01
P02	S06	S04	S03	S03	S02	S02	S02	S02	S02
P03	S07	S05	S04	S04	S03	S03	S03	S03	S03
P04	S08	S06	S05	S05	S04	S04	S04	S04	S04
P05	S09	S07	S06	S06	S05	S05	S05	S05	S05
P06	S10	S08	S07	S07	S06	S06	S06	S06	S06
P07	S11	S09	S08	S08	S07	S07	S07	S07	S07
P08	S12	S10	S09	S09	S08	S08	S08	S08	S08
P09	S13	S11	S10	S10	S09	S09	S09	S09	S09

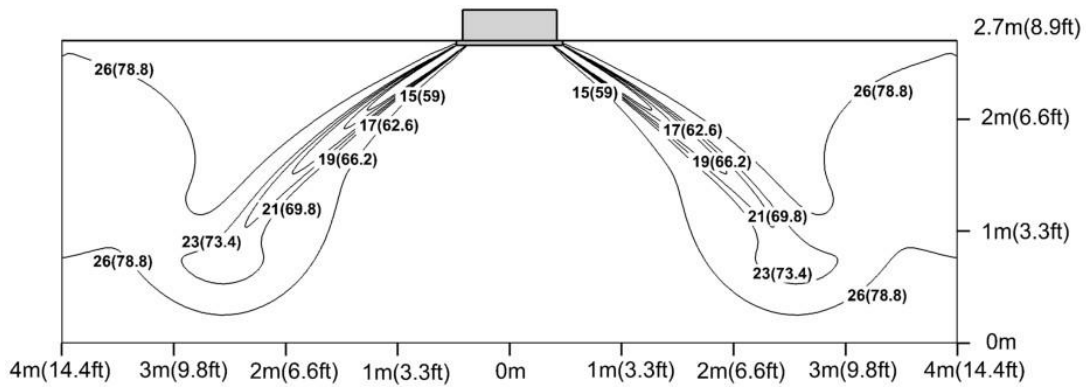
Airflow Chart

Cassette Type

AU D35T1/A -S; AU D50T1/A -S; AUD
50T1/A 1 -S

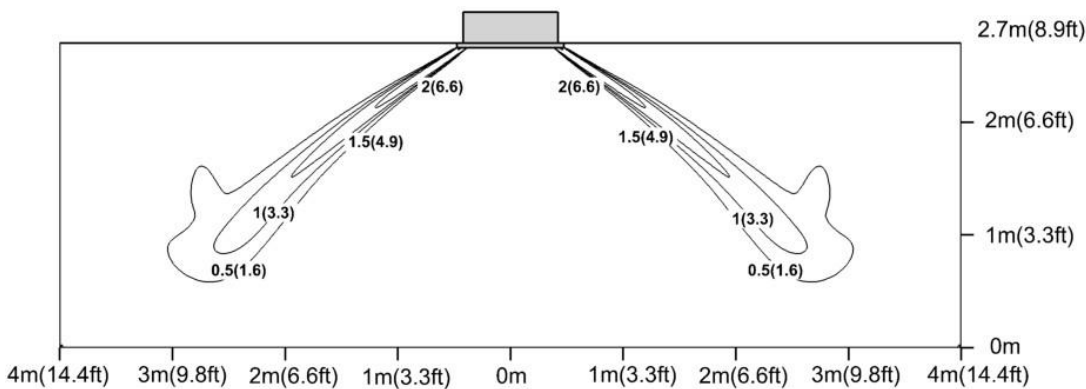
Cooling temperature

Unit: °C (°F)



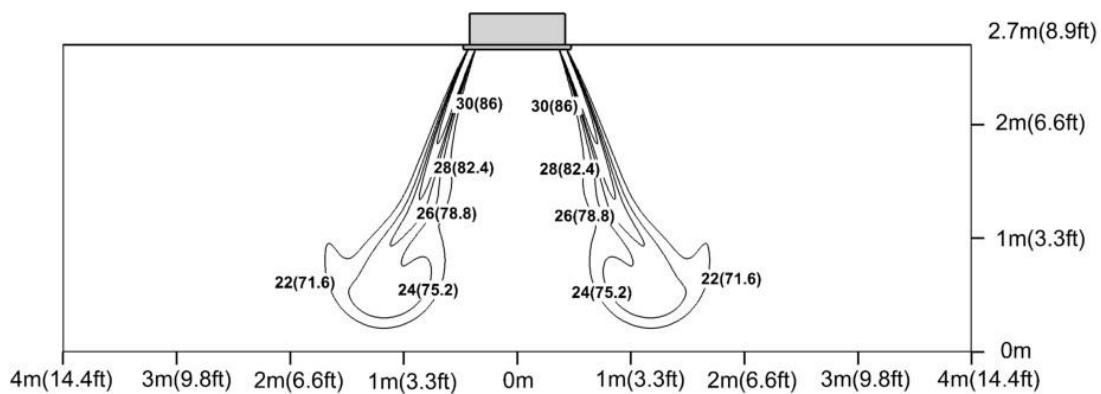
Cooling velocity

Unit: m/s (ft/s)



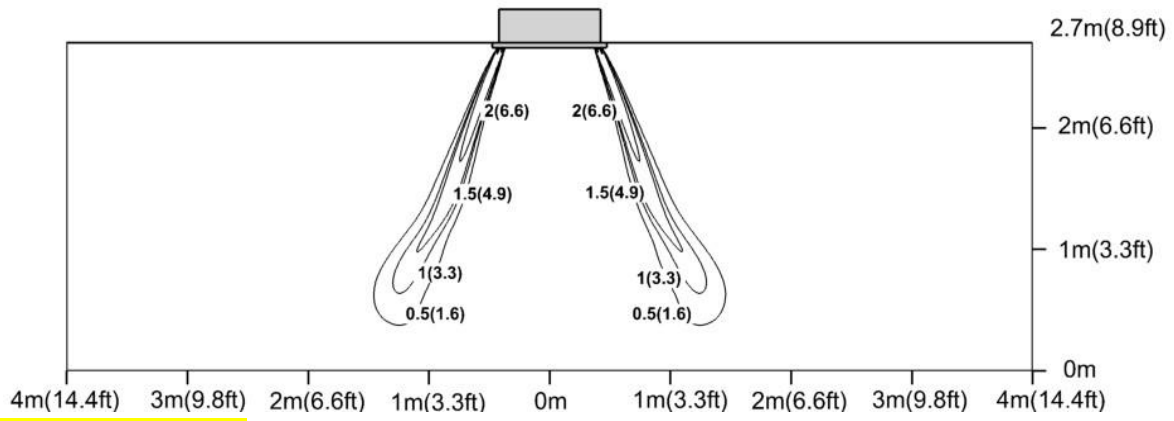
Heating temperature

Unit: °C (°F)



Heating velocity

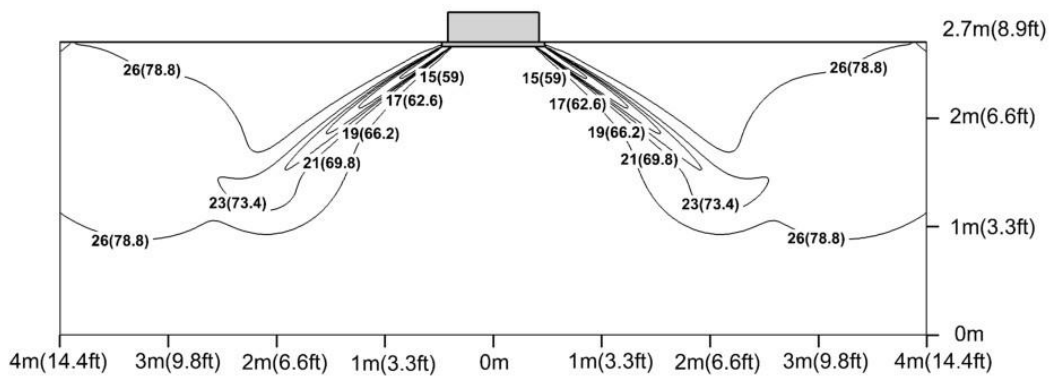
Unit: m/s (ft/s)



AUD71T1/A -S AUD 85T1/A-S

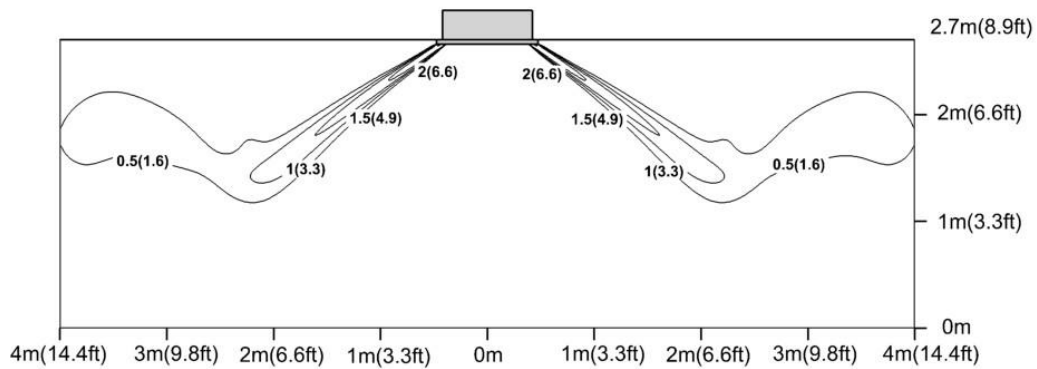
Cooling temperature

Unit: °C (°F)



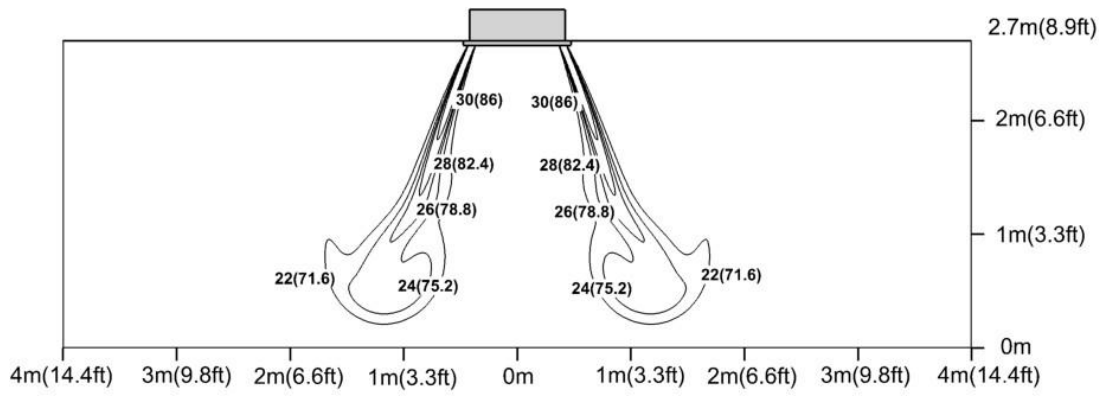
Cooling velocity

Unit: m/s (ft/s)

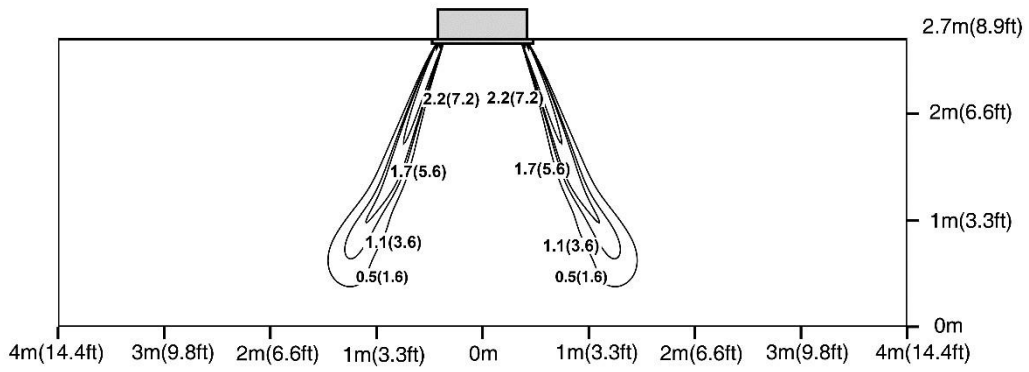


Heating temperature

Unit: °C (°F)

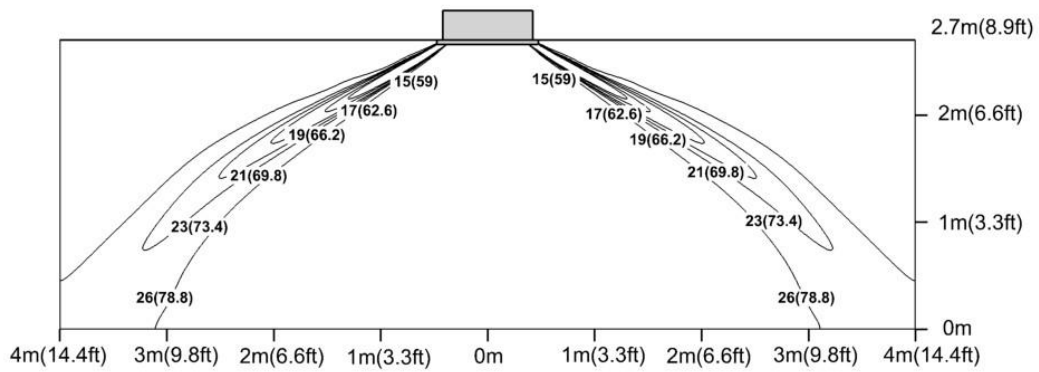


Unit: m/s (ft/s)

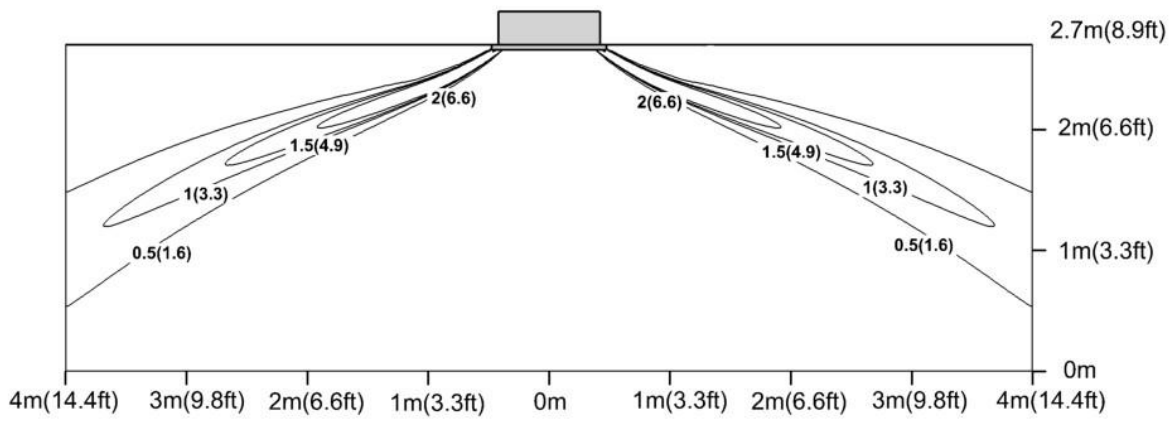


Unit: °C (°F)

AU D100T1/A -S ; AUD
125T1/A -S

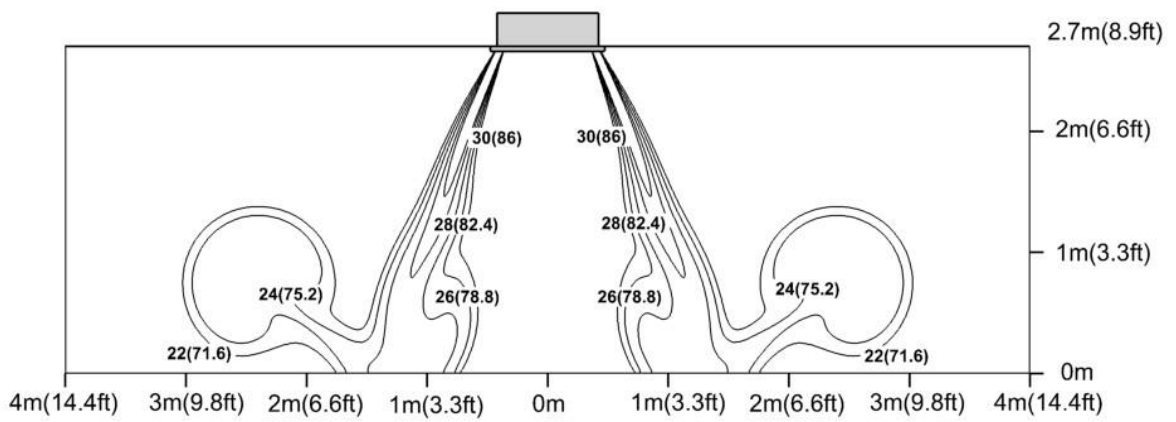


Unit: m/s (ft/s)



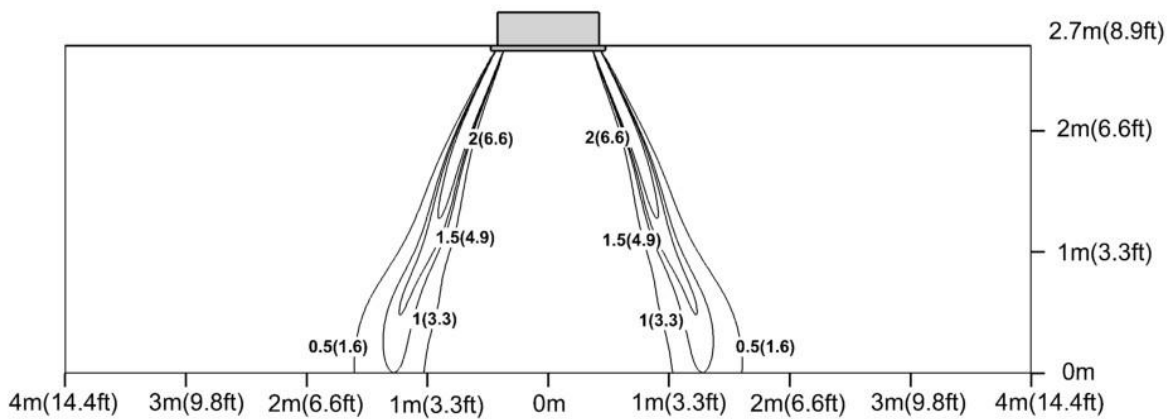
Heating temperature

Unit: °C (°F)



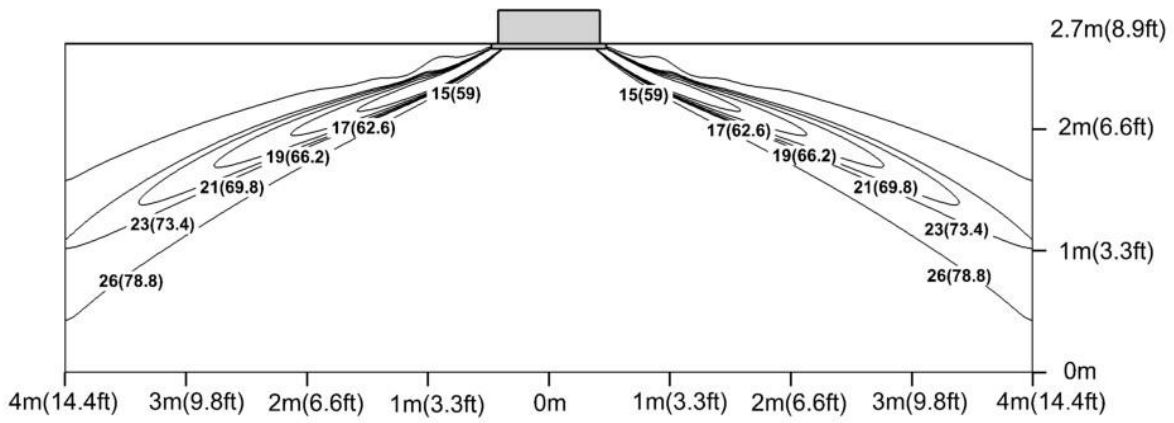
Heating velocity

Unit: m/s (ft/s)

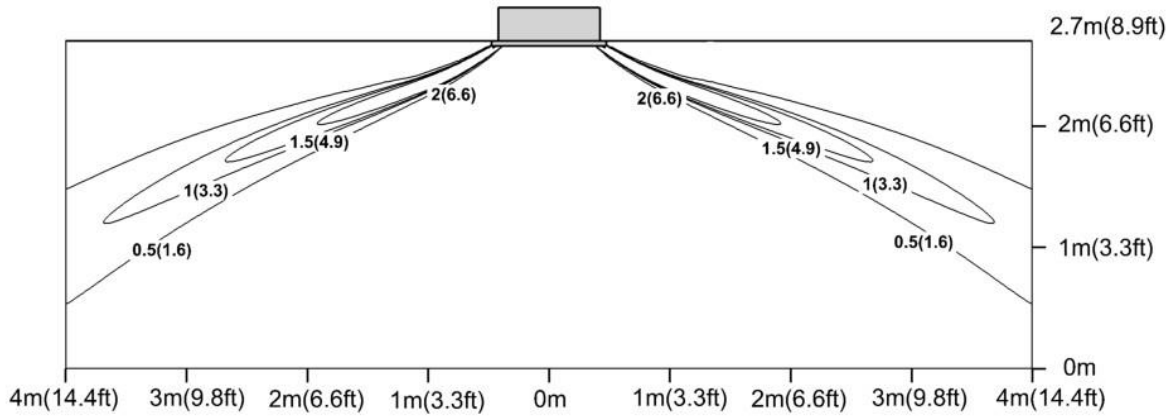


AUD140T1/A-S

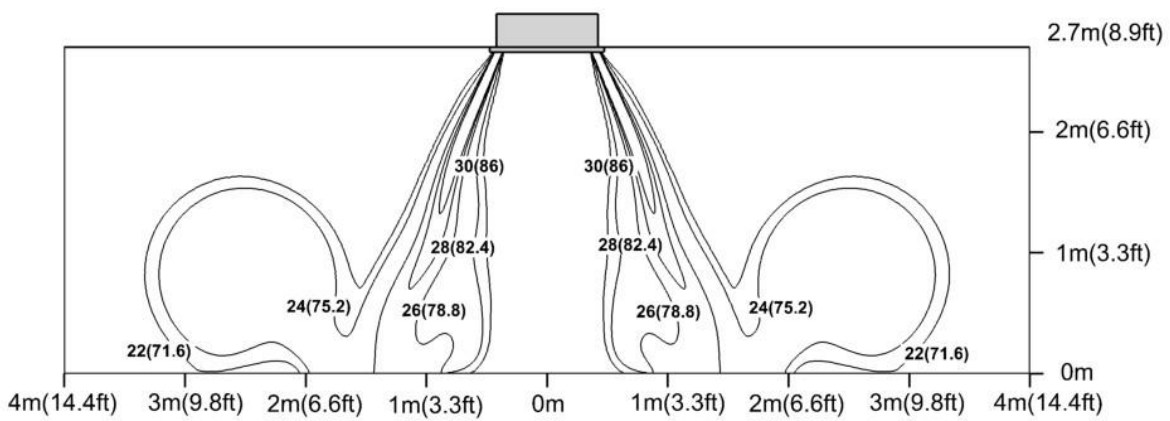
Cooling temperature



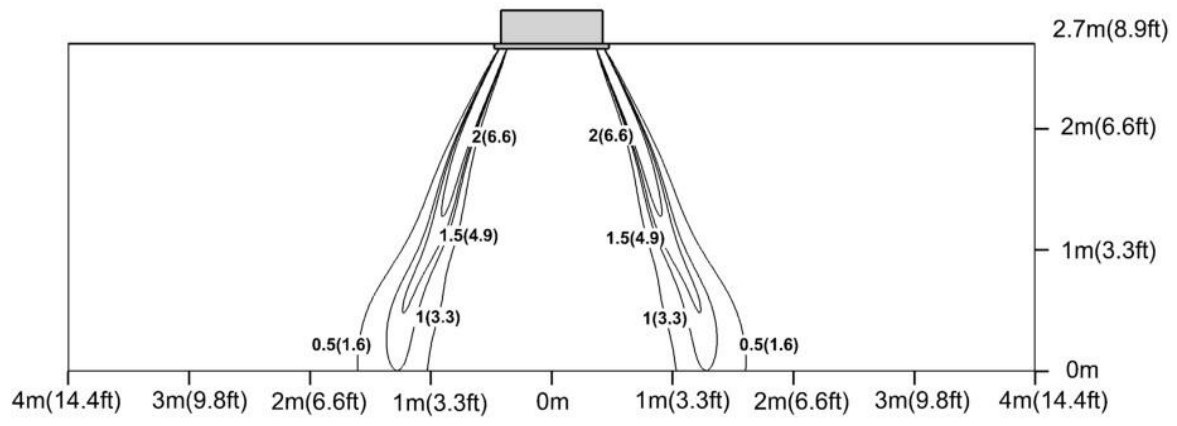
Cooling velocity



Heating temperature

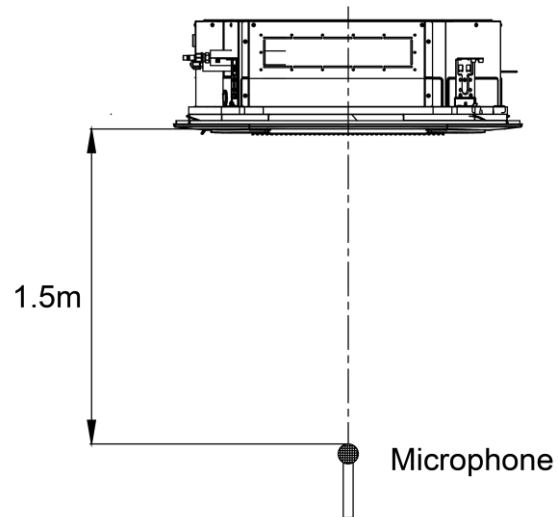


Heating velocity



Noise Curve

Cassette Type

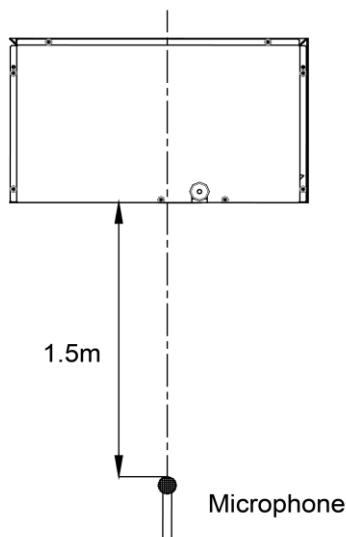


Model	Turbo dB(A)	H dB(A)	M dB(A)	L dB(A)
AUD35T1/A-S	36	35	33	29
AUD50T1/A-S	36	35	33	31
AUD50T1/A1-S	43	41	39	35
AUD71T1/A-S	39	38	36	34
AUD85T1/A-S	47	46	42	38
AUD100T1/A-S	43	41	39	38
AUD125T1/A-S	48	46	43	39
AUD140T1/A-S	50	48	45	41

Notes:

1. Above data was measured under standard conditions. Power specification: 230V ~50Hz.
2. Above data was measured in a semi-anechoic room.
3. Decibels will be varied with the change of external factors, for instance, the room structure. Please refer to the actual measurement.

Duct Type

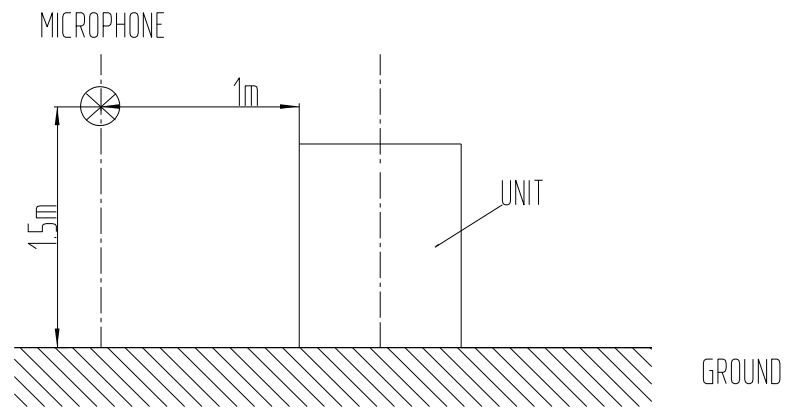


Model	Turbo dB(A)	H dB(A)	M dB(A)	L dB(A)
AUD35P1/A-S AUD35PS1/A-S	35	33	32	30
AUD50P1/A-S AUD50PS1/A-S	36	35	33	31
AUD71PH1/A-S AUD71PHS1/A-S	37	35	33	31
AUD85PH1/A-S AUD85PHS1/A-S	43	41	39	37
AUD100PH1/A-S AUD100PHS1/A-S	39	38	37	36
AUD125PH1/A-S AUD125PHS1/A-S	43	42	41	40
AUD140PH1/A-S AUD140PHS1/A-S	42	41	40	38

Notes:

1. Above data was measured under standard conditions. Power specification: 230V ~50Hz.
2. Above data was measured in a semi-anechoic room.
3. Decibels will be varied with the change of external factors, for instance, the room structure. Please refer to the actual measurement.

9.4 Outdoor Unit



Model	Sound pressure level dB(A)	Power supply (V,Ph,Hz)
ZUD35W1/NhA-S	48	230V ~50Hz
ZUD50W1/NhA-S	52	
ZUD71W1/NhA-S	55	
ZUD85W1/NhA-S	57	
ZUD100W1/NhA-S	57	
ZUD125W1/NhA-S	58	
ZUD140W1/NhA-S	59	
ZUD100W1/NhA-X	57	380V 3N~50Hz
ZUD125W1/NhA-X	58	
ZUD140W1/NhA-X	59	

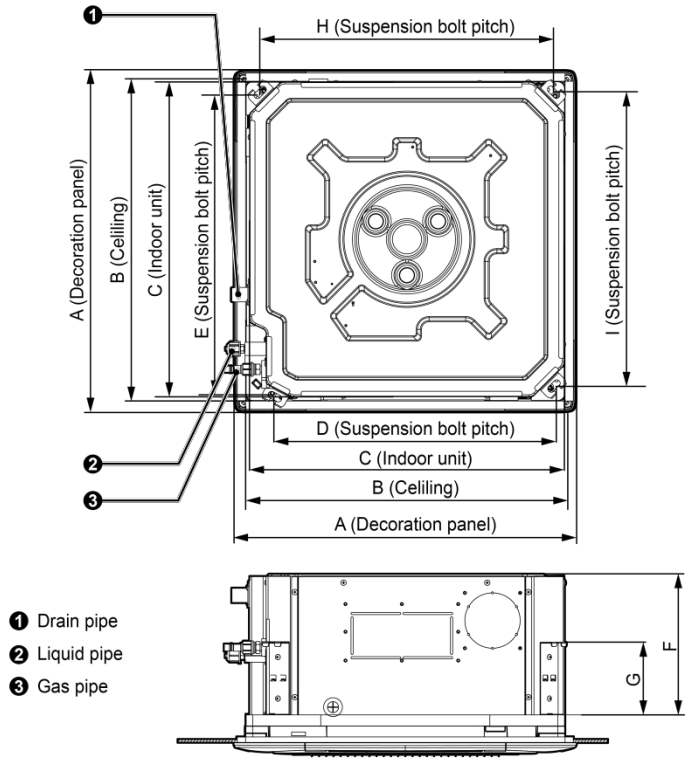
Notes:

1. Above data was measured under standard conditions.
2. Above data was measured in a semi-anechoic room.
3. Decibels will be varied with the change of external factors, for instance, the room structure. Please refer to the actual measurement.

Dimensions and Installation Site

Cassette Type

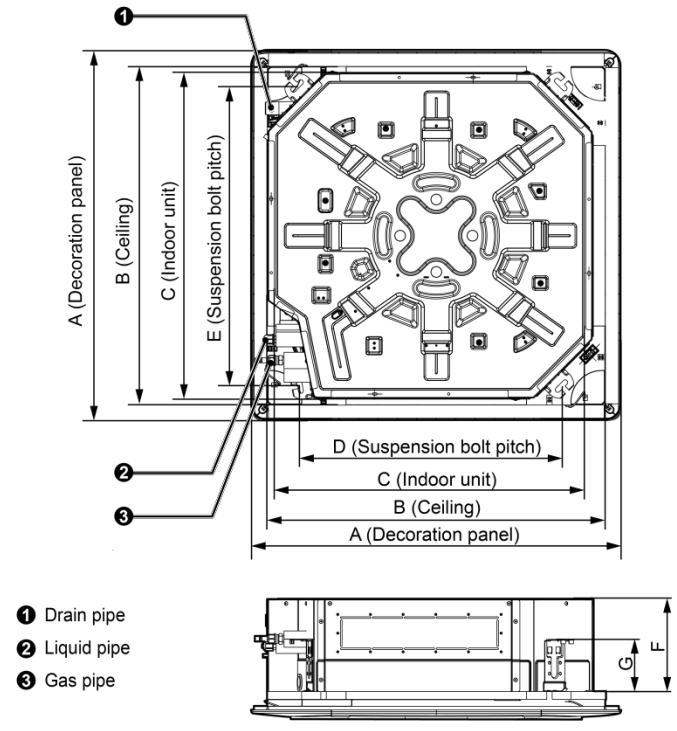
AUD35T1/A-S; AUD50T1/A1-S



Unit: mm

Dimensions	A	B	C	D	E	F	G	H	I
Model									
AUD35T1/A-S	620	580	570	505	550	260	140	530	530
AUD50T1/A1-S									

AUD50T1/A-S, AUD71T1/A-S, AUD85T1/A-S AUD100T1/A-S, AUD125T1/A-S, AUD140T1/A-S



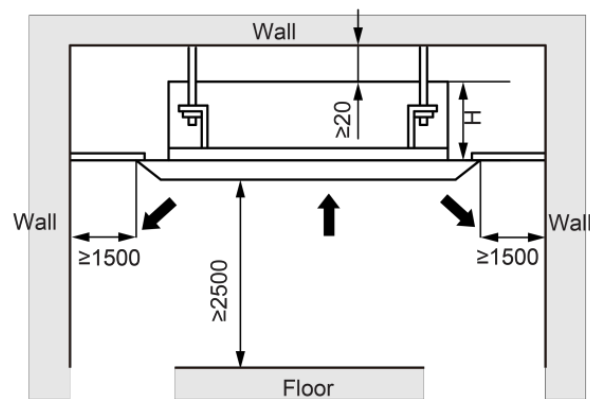
Unit: mm

Dimensions	A	B	C	D	E	F	G
Model							
ZUD50T1/A-S	950	890	840	680	780	200	135
ZUD71T1/A-S							
ZUD85T1/A-S							
ZUD100T1/A-S	950	890	840	680	780	240	135
ZUD125T1/A-S							
ZUD140T1/A-S	950	890	840	680	780	290	135

Installation Location

Unit:mm

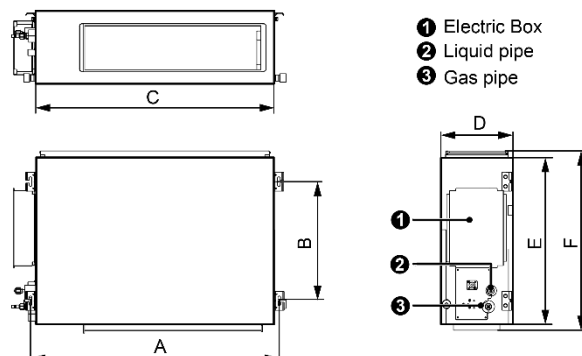
Model	H(mm)
AUD35T1/A-S AUD50T1/A1-S	295
AUD50T1/A-S AUD71T1/A-S AUD85T1/A-S	235
AUD100T1/A-S AUD125T1/A-S	275
AUD140T1/A-S	325



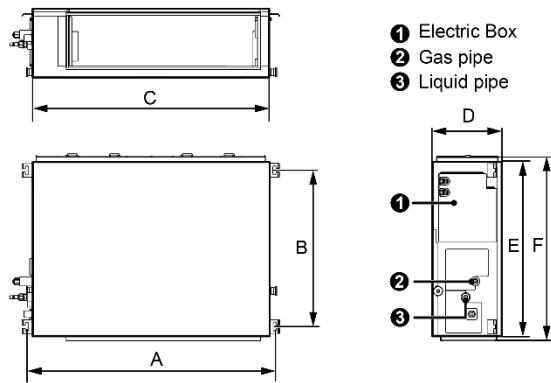
Duct Type

Dimensions

AUD35P1/A-S,AUD35PS1/A-S,AUD50P1/A-S,AUD50PS1/A-S



AUD71PH1/A-S;AUD71PHS1/A-S; AUD85PH1/A-S; AUD85PHS1/A-S;AUD100PH1/A-S;AUD100PHS1/A-S;
AUD125PH1/A-S;AUD125PHS1/A-S;AUD140PH1/A-S;AUD140PHS1/A-S.

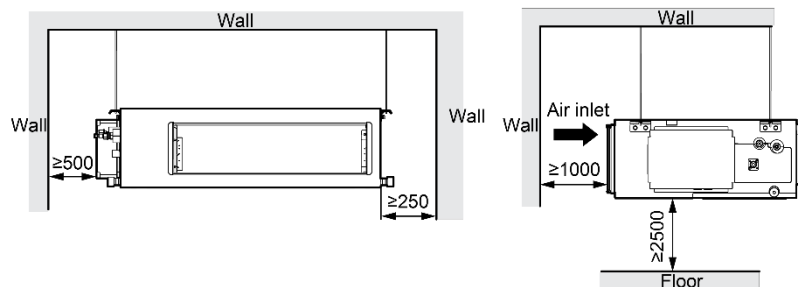


Unit: mm

Model	Dimensions	A	B	C	D	E	F
AUD35P1/A-S		760	415	700	200	450	486
AUD35PS1/A-S							
AUD50P1/A-S		1060	415	1000	200	450	486
AUD50PS1/A-S							
AUD71PH1/A-S		942	590	900	260	655	692
AUD71PHS1/A-S							
AUD85PH1/A-S		942	590	900	260	655	692
AUD85PHS1/A-S							
AUD100PH1/A-S		1381	585	1340	260	655	697
AUD100PHS1/A-S							
AUD125PH1/A-S		1381	585	1340	260	655	697
AUD125PHS1/A-S							
AUD140PH1/A-S		1440	500	1400	300	700	754
AUD140PHS1/A-S							

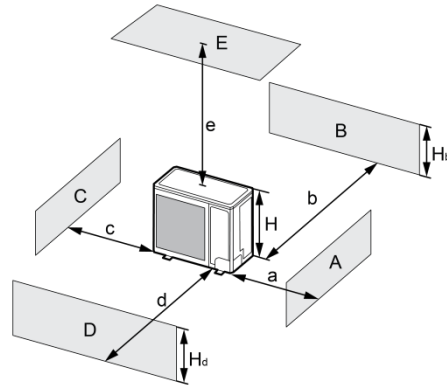
Installation Location

Unit: mm



Installation Location

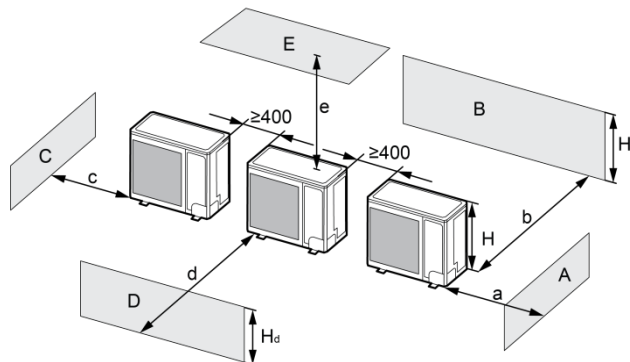
1) When one outdoor unit is to be installed.



A~E	H_b H_d H		(mm)				
			a	b	c	d	e
B	—		—	≥ 100	—	—	—
A,B,C,	—		≥ 300	≥ 100	≥ 100	—	—
B,E	—		—	≥ 100	—	—	≥ 1000
A,B,C,E	—		≥ 300	≥ 150	≥ 150	—	≥ 1000
D	—		—	—	—	≥ 1000	—
D,E	—		—	—	—	≥ 1000	≥ 1000
B,D	$H_b < H_d$	$H_d > H$	—	≥ 100	—	≥ 1000	—
	$H_b > H_d$	$H_d < H$	—	≥ 100	—	≥ 1000	—
B,D,E	$H_b < H_d$	$H_b \leq 1/2H$	—	≥ 250	—	≥ 2000	≥ 1000
		$1/2H < H_b \leq H$	—	≥ 250	—	≥ 2000	≥ 1000
		$H_b > H$	Prohibited				
	$H_b > H_d$	$H_d \leq 1/2H$	—	≥ 100	—	≥ 2000	≥ 1000
		$1/2H < H_d \leq H$	—	≥ 200	—	≥ 2000	≥ 1000
		$H_d > H$	Prohibited				

2) When two or more outdoor units are to be installed side by side.

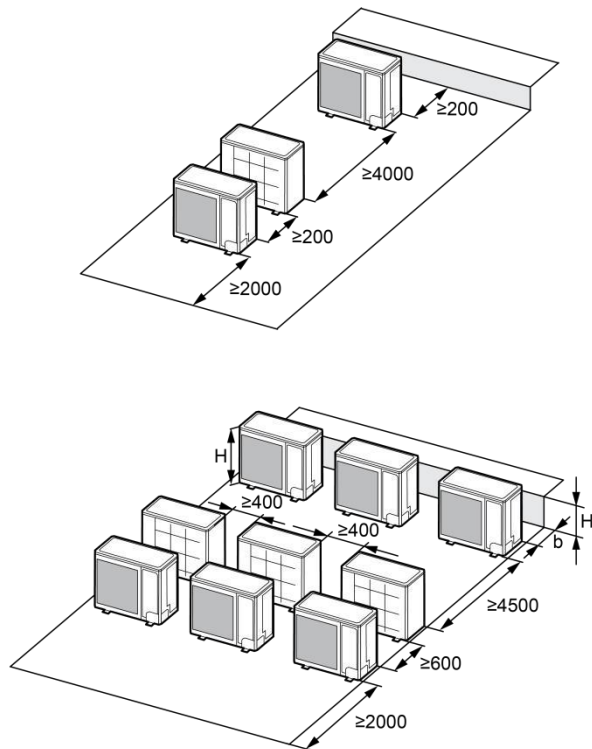
Unit: mm



A~E	H _b H _d H		(mm)				
			a	b	c	d	e
A,B,C	—		≥300	≥300	≥1000	—	—
A,B,C,E	—		≥300	≥300	≥1000	—	≥1000
D	—		—	—	—	≥2000	—
D,E	—		—	—	—	≥2000	≥1000
B,D	H _b <H _d	H _d >H	—	≥300	—	≥2000	—
		H _d ≤1/2H	—	≥250	—	≥2000	—
	H _b >H _d	1/2H<H _d ≤H	—	≥300	—	≥2500	—
B,D,E	H _b <H _d	H _b ≤1/2H	—	≥300	—	≥2000	≥1000
		1/2H<H _b ≤H	—	≥300	—	≥2500	≥1000
		H _b >H	Prohibited				
	H _b >H _d	H _d ≤1/2H	—	≥250	—	≥2500	≥1000
		1/2H<H _d ≤H	—	≥300	—	≥2500	≥1000
		H _d >H	Prohibited				

3) When outdoor units are installed in rows.

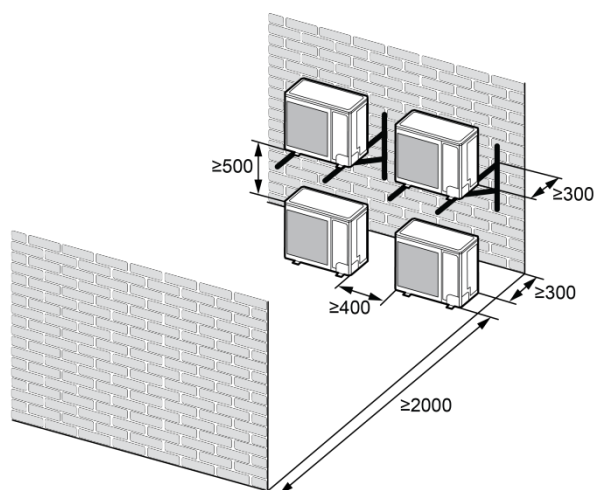
Unit: mm



H _b H	(mm)
H _b ≤1/2H	b≥250
1/2H<H _b ≤H	b≥300
H _b >H	Prohibited

4) When outdoor units are installed one above another.

Unit: mm



Controller



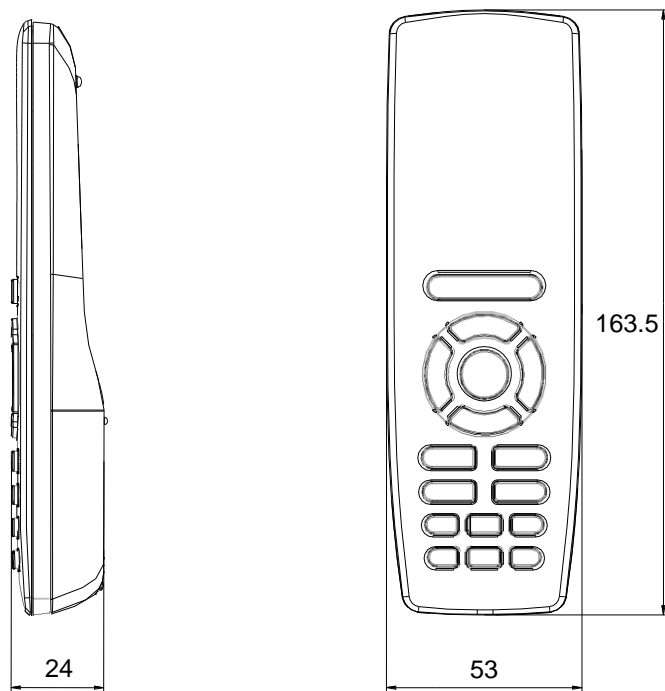
YAP1F7



XE7A-24/H

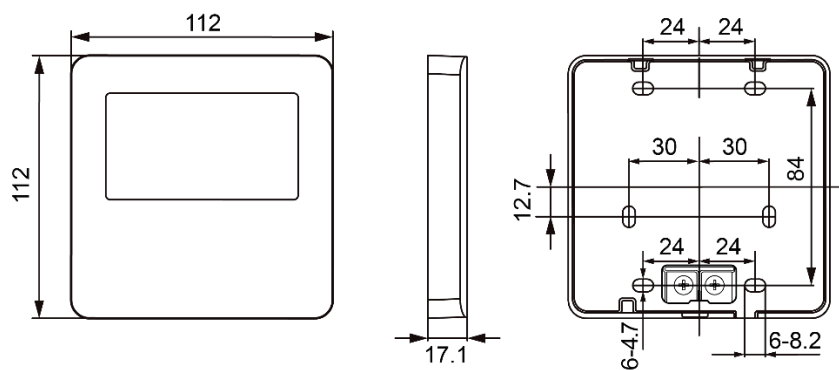
Dimensional Drawing of YAP1F7

Unit: mm



Dimensional Drawing of XE7A-24/H

Unit: mm



Electrical Installation

Electrical Parameters

Model	Power supply	Fuse capacity	Min. sectional area of power cord
	V/Ph/Hz	A	mm ²
Indoor unit	220-240V ~50/60Hz	3.15	1.0

Model	Power supply	Circuit breaker capacity	Min. sectional area of power cord
	V/Ph/Hz	A	mm ²

ZUD35W1/NhA-S	220-240V ~50/60Hz		1.5
ZUD50W1/NhA-S		16	1.5
ZUD71W1/NhA-S		20	2.5
ZUD85W1/NhA-S		20	2.5
ZUD100W1/NhA-S		32	4.0
ZUD125W1/NhA-S		32	4.0
ZUD140W1/NhA-S		32	4.0
ZUD100W1/NhA-X	380-415V 3N~50/60Hz	16	1.5
ZUD125W1/NhA-X		16	1.5
ZUD140W1/NhA-X		16	1.5

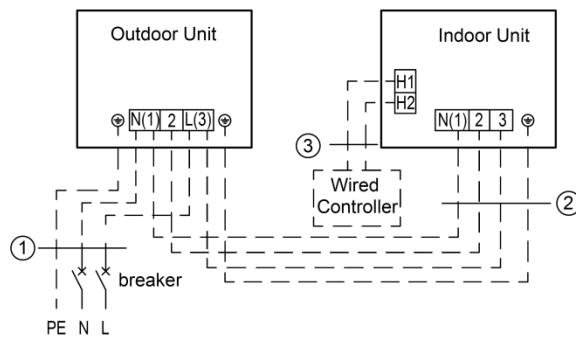
Notes:

- ①. Fuse is located on the main board.
- ②. Install a circuit breaker near the outdoor units with at least 3mm contact gap. The units must be able to be plugged or unplugged.
- ③. Circuit breaker and power cord specifications listed in the above table are determined based on the maximum power input of the units.
- ④. Supply cords of parts of appliances for outdoor use shall not be lighter than polychloroprene sheathed flexible cord (code designation 60245 IEC 57).
- ⑤. Specifications of circuit breaker are based on a working condition where the working temperature is 40°C. If working condition changes, please adjust the specifications according to national standards.
- ⑥. Adopt 1.0mm² power cords between indoor and outdoor units. The maximum length of 35-85 units is 30m and the maximum length of 100-160 units is 75m. Please select a proper length according to local conditions. To be in compliance EN 55014, it is necessary to use 8 meters long wire.
- ⑦. Adopt 2pc of 0.75mm² power cords to be the communication cords between wired controller and indoor unit. The maximum length is 30m. Please select a proper length according to local conditions. Communication cords must not be twisted together. To be in compliance EN 55014, it is necessary to use 8 meters long wire.
- ⑧. The wire gauge of communication cord should not be less than 0.75mm². It's recommended to use 0.75mm² power cords as the communication cords.

Wiring Diagram

Cassette Type

Single-phase unit: ZUD35W1/NhA-S, ZUD50W1/NhA-S, ZUD71W1/NhA-S, ZUD85W1/NhA-S.

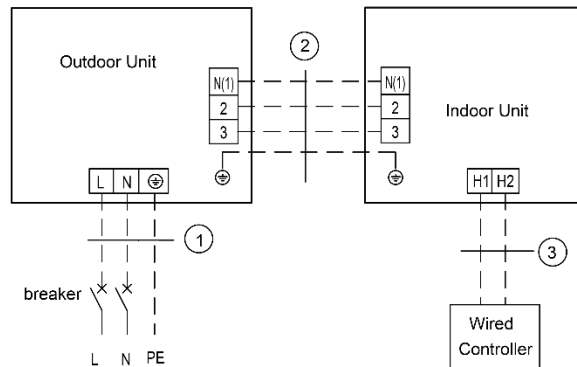


Power: 220-240V ~50/60Hz

AUD35T1/A-S+ZUD35W1/NhA-S	
AUD50T1/A1-S+ZUD50W1/NhA-S	
AUD50T1/A-S+ZUD50W1/NhA-S	
①	Power cords 3×1.5mm ²
②	Power cords 4×1.0mm ²
③	Communication cords 2×0.75mm ²

AUD71T1/A-S+ZUD71W1/NhA-S	
AUD85T1/A-S+ZUD85W1/NhA-S	
①	Power cords 3×2.5mm ²
②	Power cords 4×1.0mm ²
③	Communication cords 2×0.75mm ²

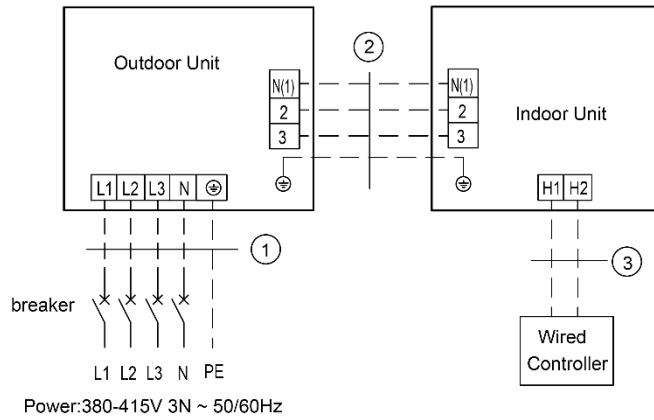
Single-phase unit: ZUD100W1/NhA-S, ZUD125W1/NhA-S, ZUD140W1/NhA-S



Power: 220-240V ~50/60Hz

AUD100T1/A-S+ZUD100W1/NhA-S	
AUD125T1/A-S+ZUD125W1/NhA-S	
AUD140T1/A-S+ZUD140W1/NhA-S	
①	Power cords 3×4.0mm ²
②	Power cords 4×1.0mm ²
③	Communication cords 2×0.75mm ²

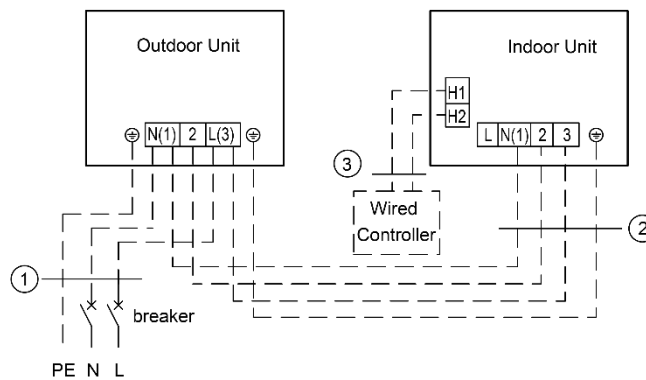
Three-phase unit: ZUD100W1/NhA-X, ZUD125W1/NhA-X, ZUD140W1/NhA-X.



AUD100T1/A-S+ZUD100W1/NhA-X
AUD125T1/A-S+ZUD125W1/NhA-X
AUD140T1/A-S+ZUD140W1/NhA-X
① Power cords 5×1.5mm ²
② Power cords 4×1.0mm ²
③ Communication cords 2×0.75mm ²

Duct Type

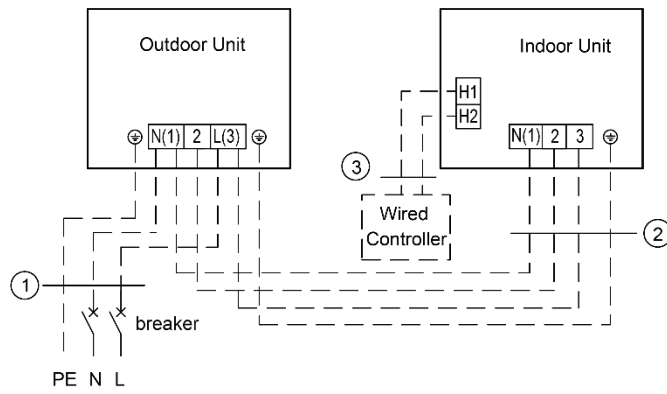
Single-phase unit: ZUD35W1/NhA-S, ZUD50W1/NhA-S.



Power: 220-240V ~50/60Hz

AUD35P1/A-S+ZUD35W1/NhA-S
AUD35PS1/A-S+ZUD35W1/NhA-S
AUD50P1/A-S+ZUD50W1/NhA-S
AUD50PS1/A-S+ZUD50W1/NhA-S
①. Power cords 3×1.5mm ²
②. Power cords 4×1.0mm ²
③. Communication cords 2×0.75mm ²

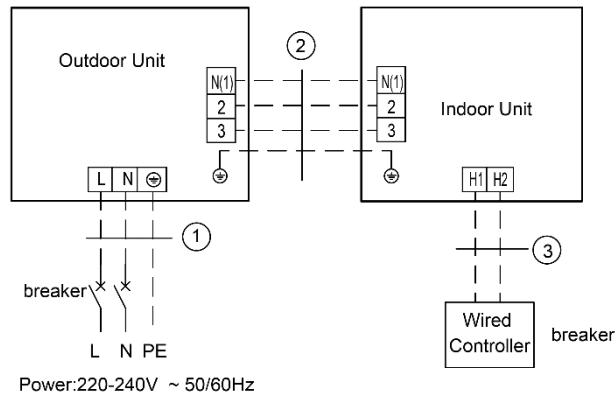
Single-phase unit: ZUD71W1/NhA-S, ZUD85W1/NhA-S.



Power:220-240V ~50/60Hz

AUD71PH1/A-S+ZUD71W1/NhA-S AUD71PHS1/A-S+ZUD71W1/NhA-S AUD85PH1/A-S+ZUD85W1/NhA-S AUD85PHS1/A-S+ZUD85W1/NhA-S
①. Power cords 3×2.5mm ²
②. Power cords 4×1.0mm ²
③. Communication cords 2×0.75mm ²

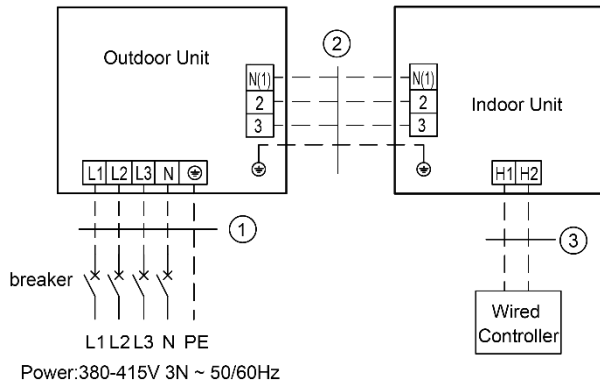
Single-phase unit: ZUD100W1/NhA-S, ZUD125W1/NhA-S, ZUD140W1/NhA-S.



Power:220-240V ~ 50/60Hz

AUD100PH1/A-S+ZUD100W1/NhA-S AUD100PHS1/A-S+ZUD100W1/NhA-S AUD125PH1/A-S+ZUD125W1/NhA-S AUD125PHS1/A-S+ZUD125W1/NhA-S AUD140PH1/A-S+ZUD140W1/NhA-S AUD140PHS1/A-S+ZUD140W1/NhA-S
①. Power cords 3×4.0mm ²
②. Power cords 4×1.0mm ²
③. Communication cords 2×0.75mm ²

Three-phase unit: ZUD100W1/NhA-X, ZUD125W1/NhA-X, ZUD140W1/NhA-X.



AUD100PH1/A-S+ZUD100W1/NhA-X
AUD100PHS1/A-S+ZUD100W1/NhA-X
AUD125PH1/A-S+ZUD125W1/NhA-X
AUD125PHS1/A-S+ZUD125W1/NhA-X
AUD140PH1/A-S+ZUD140W1/NhA-X
AUD140PHS1/A-S+ZUD140W1/NhA-X
①. Power cords 5×1.5mm ²
②. Power cords 4×1.0mm ²
③. Communication cords 2×0.75mm ²

List of Standard and Optional Parts

	Cassette type	Duct type	
Wired Controller XE7A-24/H	○	●	○
Product code: NC20700190			
Wired Controller XE7A-24/HC (WIFI)	○	○	○
Product code: NC20700260			
Remote Controller YAP1F7(WiFi)	●	○	●
Product code: 305001060060			
YAN1F1	○	○	○
Product code: 30510474			
YAA1FB6(WiFi)	○	○	○
Product code: 305001000078			
WiFi Module(G-Cloud)	○	○	○
Product code: 开发中			
Centralized Controller (up to 36 indoor unit) CE52-24/F(C)	○	○	○
Product code: MC207052			
Modbus Gateway ME50-00/EG(M)	○	○	○
Product code: NC20000010			
Dry Contact Gateway	○	○	○
Product code: 开发中			
JS13	○	○	○
Product code: NC25000030			
the Communication Wire of Indoor Unit and Outdoor Unit	○	○	○
the Communication Wire of Indoor Unit and Wire Controller	○	○	○

Note: ● means standard, ○ means optional.

Gree reserves the right to modify the specifications without prior notice. Please confirm the final specifications with sales representatives.



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