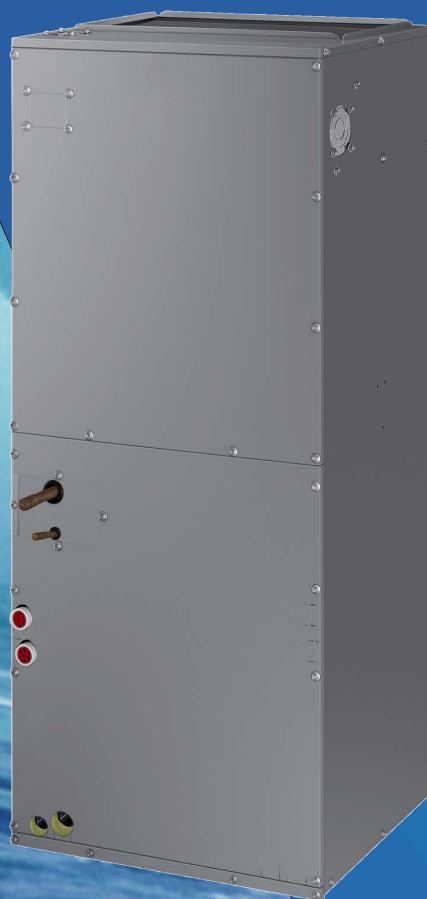


SAMSUNG

VRF

Technical Data Book

Multi-position AHU for North America
(INV, R410A, 60Hz, HP)



Model : AM***TNZDCH/AA

History

Version	Modification	Date	Remark
Ver.1.0	Released VRF Multi-position AHU for North America	20.02.21	

Nomenclature

Model Name

AM

012

T

N

Z

D

C

H

/

AA

(1)

(2)

(3)

(4)

(5)

(6)

(7)

(8)

Buyer

(1) Classification

AM	DVM
----	-----

(2) Capacity

x 1000 BTU/h (3 digits)

(3) Version

T	2020
---	------

(4) Product Type

X	Outdoor unit
N	Indoor unit

(5) Product Notation

1	1Way Cassette
2	2Way Cassette
N	4Way Cassette S (600 x 600)
4	4Way Cassette S
L	LSP Duct (Slim Duct)
M	MSP Duct
H	HSP Duct
E	OAP Duct
C	Ceiling
J	Console
F	Concealed Floor Standing
Z	Multi-position AHU
T	NEO FORTE
Q	NEO FORTE (EEV)

(6) Feature

D	Deluxe
S	Standard

(7) Rating Voltage

C	1Ø, 208~230V, 60Hz
F	3Ø, 208~230V, 60Hz
J	3Ø, 460V, 60Hz

(8) Mode

H	Heat Pump (R410A)
R	Heat Recovery (R410A)
C	Cooling only (R410A)

Line-up

Indoor Unit

Model Type	Capacity (kBtu/h)								
	12	18	24	30	36	48	54	60	72
Multi-position AHU									

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1. Specification

Multi-position AHU

Model				AM012TNZDCH/AA	AM018TNZDCH/AA	AM024TNZDCH/AA
Power Supply			Φ, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Performance	Capacity (Nominal)	Cooling	kW	3.52	5.28	7.03
			Btu/h	12,000	18,000	24,000
			US RT	1.0	1.5	2.0
		Heating	kW	3.96	6.45	7.91
			Btu/h	13,500	22,000	27,000
			US RT	1.13	1.83	2.25
Power	Power Input (Nominal)	Cooling	W	64	94	144
		Heating		64	94	144
	Current Input (Nominal)	Cooling	A	0.49	0.74	1.12
		Heating		0.49	0.74	1.12
Fan	Motor	Type	-	ECM (AC TAP)	ECM (AC TAP)	ECM (AC TAP)
		Output x n	W	290 x 1	290 x 1	290 x 1
	Air Flow Rate	High / Mid / Low	CFM	373 / 285 / 243	531 / 463 / 430	706 / 560 / 450
			CMM	10.6 / 8.1 / 6.9	15.0 / 13.2 / 12.3	20.0 / 16.0 / 12.9
	External Pressure	Min / Std / Max	In Wg	0.1 / 0.4 / 0.5	0.1 / 0.4 / 0.7	0.1 / 0.4 / 0.7
			mmAq	3 / 10 / 13	3 / 10 / 18	3 / 10 / 18
Piping Connections	Liquid Pipe		Φ,mm	6.35	6.35	9.52
			Φ, inch	1/4	1/4	3/8
	Gas Pipe		Φ,mm	12.7	12.7	15.88
			Φ, inch	1/2	1/2	5/8
	Drain Pipe	Φ, inch	FPT 3/4	FPT 3/4	FPT 3/4	
Field Wiring	Power Source Wire(No Heater)		-	14 AWG	14 AWG	14 AWG
	Transmission Cable		-	16 AWG	16 AWG	16 AWG
Refrigerant	Type		-	R-410A	R-410A	R-410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	38 / 36 / 34	39 / 37 / 35	41 / 39 / 37
Dimensions	Net Weight		lbs	105	109	109
			kg	47.6	49.4	49.4
	Shipping Weight		lbs	116	120	120
			kg	52.6	54.4	54.4
	Net Dimensions (W×H×D)		inch	17.5 x 43.0 x 21.0	17.5 x 43.0 x 21.0	17.5 x 43.0 x 21.0
			mm	445 x 1,092 x 533	445 x 1,092 x 533	445 x 1,092 x 533
	Shipping Dimensions (W×H×D)		inch	19.50 x 44.75 x 26.25	19.50 x 44.75 x 26.25	19.50 x 44.75 x 26.25
			mm	493 x 1,135 x 665	493 x 1,135 x 665	493 x 1,135 x 665
Additional Accessories	Air Filter Base (option, for vertical installation)		-	VFB-1 (MERV 8)	VFB-1 (MERV 8)	VFB-1 (MERV 8)
	Heater kit (option)		-	VHK-103A	VHK-103A VHK-105A	VHK-103A VHK-105A VHK-110A

NOTE

- Nominal capacity are based on (Refrigerant Piping 25ft , Level Differences 0ft);
.Cooling : Indoor temperature 80°F DB, 67°F WB / Outdoor temperature 95°F DB, 75°F WB
.Heating : Indoor temperature 70°F DB, 60°F WB / Outdoor temperature 47°F DB, 43°F WB
- Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- Specifications are subject to change without prior notice for product improvement.

1. Specification

Multi-position AHU

Model				AM030TNZDCH/AA	AM036TNZDCH/AA	AM048TNZDCH/AA
Power Supply			Φ, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Performance	Capacity (Nominal)	Cooling	kW	8.79	10.55	14.07
			Btu/h	30,000	36,000	48,000
			US RT	2.5	3.0	4.0
		Heating	kW	9.96	11.72	15.83
			Btu/h	34,000	40,000	54,000
			US RT	2.83	3.33	4.50
Power	Power Input (Nominal)	Cooling	W	218	218	290
		Heating		218	218	290
	Current Input (Nominal)	Cooling	A	1.58	1.58	2.07
		Heating		1.58	1.58	2.07
Fan	Motor	Type	-	ECM (AC TAP)	ECM (AC TAP)	ECM (AC TAP)
		Output x n	W	410 x 1	410 x 1	590 x 1
	Air Flow Rate	High / Mid / Low	CFM	1,053 / 875 / 758	1,053 / 924 / 758	1,410 / 1130 / 931
			CMM	29.8 / 26.4 / 21.7	29.8 / 26.4 / 21.7	39.9 / 32.3 / 26.6
	External Pressure	Min / Std / Max	In Wg	0.1 / 0.4 / 1.0	0.1 / 0.4 / 1.0	0.1 / 0.4 / 1.0
			mmAq	3 / 10 / 25	3 / 10 / 25	3 / 10 / 25
	Piping Connections	Liquid Pipe		Φ,mm	9.52	9.52
Φ, inch				3/8	3/8	3/8
Gas Pipe		Φ,mm	15.88	15.88	15.88	
		Φ, inch	5/8	5/8	5/8	
Drain Pipe		Φ, inch	FPT 3/4	FPT 3/4	FPT 3/4	
Field Wiring	Power Source Wire(No Heater)		-	14 AWG	14 AWG	14 AWG
	Transmission Cable		-	16 AWG	16 AWG	16 AWG
Refrigerant	Type		-	R-410A	R-410A	R-410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	42 / 40 / 38	42 / 40 / 38	43 / 41 / 39
Dimensions	Net Weight		lbs	132	138	214
			kg	59.9	62.6	97.1
	Shipping Weight		lbs	143	149	225
			kg	64.9	67.6	102.1
	Net Dimensions (W×H×D)		inch	21.0 x 48.0 x 21.0	21.0 x 48.0 x 21.0	24.50 x 58.75 x 21.75
			mm	533 x 1,219 x 533	533 x 1,219 x 533	622 x 1,492 x 553
	Shipping Dimensions (W×H×D)		inch	23.25 x 51.50 x 26.25	23.25 x 51.50 x 26.25	26.50 x 62.50 x 27.25
			mm	590 x 1,305 x 665	590 x 1,305 x 665	676 x 1,588 x 695
Additional Accessories	Air Filter Base (option, for vertical installation)		-	VFB-2 (MERV 8)	VFB-2 (MERV 8)	VFB-3 (MERV 8)
	Heater kit (option)		-	VHK-205A VHK-210A	VHK-205A VHK-210A	VHK-305A VHK-310A

NOTE

- Nominal capacity are based on (Refrigerant Piping 25ft , Level Differences 0ft);
.Cooling : Indoor temperature 80°F DB, 67°F WB / Outdoor temperature 95°F DB, 75°F WB
.Heating : Indoor temperature 70°F DB, 60°F WB / Outdoor temperature 47°F DB, 43°F WB
- Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- Specifications are subject to change without prior notice for product improvement.

1. Specification

Multi-position AHU

Model				AM054TNZDCH/AA	AM060TNZDCH/AA	AM072TNZDCH/AA
Power Supply			Φ, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Performance	Capacity (Nominal)	Cooling	kW	15.83	17.58	21.1
			Btu/h	54,000	60,000	72,000
			US RT	4.5	5.0	6.0
		Heating	kW	17.58	18.76	23.45
			Btu/h	60,000	64,000	80,000
			US RT	5.00	5.33	6.67
Power	Power Input (Nominal)	Cooling	W	341	380	620
		Heating		341	380	620
	Current Input (Nominal)	Cooling	A	2.42	2.74	4.20
		Heating		2.42	2.74	4.20
Fan	Motor	Type	-	ECM (AC TAP)	ECM (AC TAP)	ECM (AC TAP)
		Output x n	W	590 x 1	590 x 1	950 x 1
	Air Flow Rate	High / Mid / Low	CFM	1,603 / 1275 / 1093	1,768 / 1380 / 1124	2,110 / 1681 / 1375
			CMM	45.4 / 36.4 / 31.2	50.1 / 39.4 / 32.1	59.8 / 48.0 / 39.3
	External Pressure	Min / Std / Max	In Wg	0.1 / 0.4 / 1.0	0.1 / 0.4 / 1.0	0.1 / 0.4 / 1.0
			mmAq	3 / 10 / 25	3 / 10 / 25	3 / 10 / 25
	Piping Connections	Liquid Pipe	Φ,mm	9.52	9.52	9.52
Φ, inch			3/8	3/8	3/8	
Gas Pipe		Φ,mm	19.05	19.05	19.05	
		Φ, inch	3/4	3/4	3/4	
Drain Pipe		Φ, inch	FPT 3/4	FPT 3/4	FPT 3/4	
Field Wiring	Power Source Wire(No Heater)		-	14 AWG	14 AWG	14 AWG
	Transmission Cable		-	16 AWG	16 AWG	16 AWG
Refrigerant	Type		-	R-410A	R-410A	R-410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	43 / 41 / 39	46 / 44 / 42	50 / 48 / 46
Dimensions	Net Weight		lbs	226	237	239
			kg	102.5	107.5	108.4
	Shipping Weight		lbs	237	248	250
			kg	107.5	112.5	113.4
	Net Dimensions (W×H×D)		inch	24.50 x 58.75 x 21.75	24.50 x 58.75 x 21.75	24.50 x 58.75 x 21.75
			mm	622 x 1,492 x 553	622 x 1,492 x 553	622 x 1,492 x 553
	Shipping Dimensions (W×H×D)		inch	26.50 x 62.50 x 27.25	26.50 x 62.50 x 27.25	26.50 x 62.50 x 27.25
			mm	676 x 1,588 x 695	676 x 1,588 x 695	676 x 1,588 x 695
Additional Accessories	Air Filter Base (option, for vertical installation)		-	VFB-3 (MERV 8)	VFB-3 (MERV 8)	VFB-3 (MERV 8)
	Heater kit (option)		-	VHK-305A VHK-310A VHK-315A	VHK-305A VHK-310A VHK-315A	VHK-305A VHK-310A VHK-315A

NOTE

- Nominal capacity are based on (Refrigerant Piping 25ft , Level Differences 0ft);
 .Cooling : Indoor temperature 80°F DB, 67°F WB / Outdoor temperature 95°F DB, 75°F WB
 .Heating : Indoor temperature 70°F DB, 60°F WB / Outdoor temperature 47°F DB, 43°F WB
- Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- Specifications are subject to change without prior notice for product improvement.

2. Capacity Table

Multi-position AHU (Cooling)

TC : Total Capacity, SHC : Sensible Heat Capacity

Model	Outdoor Temperature (°F, DB)	Indoor temperature(°F, WB)													
		57		61		64		67		70		72		75	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
		MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH
012	50	8.3	6.3	9.7	7.3	11.3	7.9	12.0	8.2	12.3	8.2	13.3	8.2	14.3	7.9
	54	8.3	6.3	9.7	7.3	11.3	7.9	12.0	8.2	12.3	8.2	13.3	8.2	14.3	7.9
	58	8.3	6.3	9.7	7.3	11.3	7.9	12.0	8.2	12.3	8.2	13.3	8.2	14.3	7.9
	60	8.3	6.3	9.7	7.3	11.3	7.9	12.0	8.2	12.3	8.2	13.3	8.2	14.3	7.9
	64	8.3	6.3	9.7	7.3	11.3	7.9	12.0	8.2	12.3	8.2	13.3	8.2	14.0	7.6
	67	8.3	6.3	9.7	7.3	11.3	7.9	12.0	8.2	12.3	8.2	13.3	8.2	14.0	7.6
	70	8.3	6.3	9.7	7.3	11.3	7.9	12.0	8.2	12.3	8.2	13.3	8.2	14.0	7.6
	73	8.3	6.3	9.7	7.3	11.3	7.9	12.0	8.2	12.3	8.2	13.3	8.2	14.0	7.6
	77	8.3	6.3	9.7	7.3	11.3	7.9	12.0	8.2	12.3	8.2	13.3	8.2	14.0	7.6
	80	8.3	6.3	9.7	7.3	11.3	7.9	12.0	8.2	12.3	8.2	13.3	8.2	14.0	7.6
	84	8.3	6.3	9.7	7.3	11.3	7.9	12.0	8.2	12.3	8.2	13.3	8.2	14.0	7.6
	88	8.3	6.3	9.7	7.3	11.3	7.9	12.0	8.2	12.3	8.2	13.3	8.2	14.0	7.6
	92	8.3	6.3	9.7	7.3	11.3	7.9	12.0	8.2	12.3	8.2	13.3	8.2	14.0	7.6
	95	8.3	6.3	9.7	7.3	11.3	7.9	12.0	8.2	12.3	8.2	13.3	8.2	14.0	7.6
	99	8.3	6.3	9.7	7.3	11.3	7.9	12.0	8.2	12.3	8.2	13.0	7.9	14.0	7.6
	103	8.3	6.3	9.7	7.3	11.3	7.9	12.0	8.2	12.3	8.2	13.0	7.9	13.7	7.3
	107	8.3	6.3	9.7	7.3	11.3	7.8	11.8	8.1	12.2	8.1	12.8	7.7	13.3	7.1
	111	8.3	6.3	9.7	7.3	10.9	7.6	11.5	7.8	11.8	7.9	12.3	7.4	12.9	6.8
	115	8.3	6.3	9.6	7.2	10.8	7.5	11.1	7.6	11.5	7.6	11.9	7.2	12.5	6.6
018	118	8.2	6.2	9.5	7.1	10.6	7.4	10.8	7.4	11.3	7.5	11.5	7.0	12.1	6.4
	50	12.5	9.8	14.8	11.3	17.0	12.0	18.0	12.6	18.6	12.6	20.3	12.9	21.5	12.3
	54	12.5	9.8	14.8	11.3	17.0	12.0	18.0	12.6	18.6	12.6	20.3	12.9	21.5	12.3
	58	12.5	9.8	14.8	11.3	17.0	12.0	18.0	12.6	18.6	12.6	19.9	12.6	21.5	12.3
	60	12.5	9.8	14.8	11.3	17.0	12.0	18.0	12.6	18.6	12.6	19.9	12.6	21.2	12.0
	64	12.5	9.8	14.8	11.3	17.0	12.0	18.0	12.6	18.6	12.6	19.9	12.6	21.2	12.0
	67	12.5	9.8	14.8	11.3	17.0	12.0	18.0	12.6	18.6	12.6	19.9	12.6	21.2	12.0
	70	12.5	9.8	14.8	11.3	17.0	12.0	18.0	12.6	18.6	12.6	19.9	12.6	21.2	12.0
	73	12.5	9.8	14.8	11.3	17.0	12.0	18.0	12.6	18.6	12.6	19.9	12.6	21.2	12.0
	77	12.5	9.8	14.8	11.3	17.0	12.0	18.0	12.6	18.6	12.6	19.9	12.6	21.2	12.0
	80	12.5	9.8	14.8	11.3	17.0	12.0	18.0	12.6	18.6	12.6	19.9	12.6	21.2	12.0
	84	12.5	9.8	14.8	11.3	17.0	12.0	18.0	12.6	18.6	12.6	19.9	12.6	21.2	12.0
	88	12.5	9.8	14.8	11.3	17.0	12.0	18.0	12.6	18.6	12.6	19.9	12.6	21.2	12.0
	92	12.5	9.8	14.8	11.3	17.0	12.0	18.0	12.6	18.6	12.6	19.9	12.6	21.2	12.0
	95	12.5	9.8	14.8	11.3	17.0	12.0	18.0	12.6	18.6	12.6	19.9	12.6	21.2	12.0
	99	12.5	9.8	14.8	11.3	17.0	12.0	18.0	12.6	18.6	12.6	19.6	12.3	20.9	11.7
	103	12.5	9.8	14.8	11.3	17.0	12.0	18.0	12.6	18.6	12.6	19.6	12.3	20.6	11.3
	107	12.5	9.8	14.8	11.3	16.9	11.9	17.8	12.4	18.4	12.5	19.3	12.1	20.1	11.1
024	111	12.5	9.8	14.8	11.3	16.5	11.6	17.2	12.0	17.9	12.1	18.5	11.6	19.4	10.7
	115	12.5	9.8	14.6	11.2	16.2	11.4	16.6	11.6	17.4	11.7	17.9	11.2	18.8	10.4
	118	12.4	9.6	14.5	11.1	15.9	11.2	16.2	11.3	17.0	11.5	17.4	10.9	18.2	10.0
	50	16.6	13.5	19.6	15.7	22.6	16.4	24.0	17.0	25.0	17.6	27.0	17.9	28.7	17.0
	54	16.6	13.5	19.6	15.7	22.6	16.4	24.0	17.0	25.0	17.6	26.7	17.6	28.7	17.0
	58	16.6	13.5	19.6	15.7	22.6	16.4	24.0	17.0	25.0	17.6	26.7	17.6	28.7	17.0
	60	16.6	13.5	19.6	15.7	22.6	16.4	24.0	17.0	25.0	17.6	26.7	17.6	28.4	16.7
	64	16.6	13.5	19.6	15.7	22.6	16.4	24.0	17.0	25.0	17.6	26.7	17.6	28.4	16.7
	67	16.6	13.5	19.6	15.7	22.6	16.4	24.0	17.0	25.0	17.6	26.7	17.6	28.4	16.7
	70	16.6	13.5	19.6	15.7	22.6	16.4	24.0	17.0	25.0	17.6	26.7	17.6	28.4	16.7
	73	16.6	13.5	19.6	15.7	22.6	16.4	24.0	17.0	25.0	17.6	26.7	17.6	28.4	16.7
	77	16.6	13.5	19.6	15.7	22.6	16.4	24.0	17.0	25.0	17.6	26.7	17.6	28.4	16.7
	80	16.6	13.5	19.6	15.7	22.6	16.4	24.0	17.0	25.0	17.6	26.7	17.6	28.4	16.7
	84	16.6	13.5	19.6	15.7	22.6	16.4	24.0	17.0	25.0	17.6	26.7	17.6	28.4	16.7
	88	16.6	13.5	19.6	15.7	22.6	16.4	24.0	17.0	25.0	17.6	26.7	17.6	28.4	16.7
	92	16.6	13.5	19.6	15.7	22.6	16.4	24.0	17.0	25.0	17.6	26.7	17.6	28.4	16.7
	95	16.6	13.5	19.6	15.7	22.6	16.4	24.0	17.0	25.0	17.6	26.7	17.6	28.4	16.7
	99	16.6	13.5	19.6	15.7	22.6	16.4	24.0	17.0	24.7	17.3	26.4	17.3	27.7	16.4
	103	16.6	13.5	19.6	15.7	22.6	16.4	24.0	17.0	24.7	17.3	26.0	17.0	27.4	16.1
	107	16.6	13.5	19.6	15.7	22.5	16.3	23.7	16.8	24.4	17.1	25.6	16.7	26.7	15.7
	111	16.6	13.5	19.6	15.7	21.9	15.8	22.9	16.2	23.7	16.6	24.6	16.0	25.8	15.1
	115	16.6	13.5	19.4	15.6	21.5	15.6	22.2	15.7	23.0	16.1	23.8	15.5	25.1	14.7
	118	16.4	13.4	19.2	15.4	21.2	15.3	21.6	15.3	22.5	15.8	23.1	15.1	24.2	14.2

2. Capacity Table

Multi-position AHU (Cooling)

TC : Total Capacity, SHC : Sensible Heat Capacity

Model	Outdoor Temperature (°F, DB)	Indoor temperature(°F, WB)													
		57		61		64		67		70		72		75	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
		MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH
030	50	20.7	17.1	24.3	19.5	28.0	20.8	30.0	21.4	31.3	22.0	33.7	22.0	36.0	22.0
	54	20.7	17.1	24.3	19.5	28.0	20.8	30.0	21.4	31.3	22.0	33.7	22.0	36.0	22.0
	58	20.7	17.1	24.3	19.5	28.0	20.8	30.0	21.4	31.0	21.7	33.3	21.7	35.7	21.4
	60	20.7	17.1	24.3	19.5	28.0	20.8	30.0	21.4	31.0	21.7	33.3	21.7	35.7	21.4
	64	20.7	17.1	24.3	19.5	28.0	20.8	30.0	21.4	31.0	21.7	33.3	21.7	35.3	21.1
	67	20.7	17.1	24.3	19.5	28.0	20.8	30.0	21.4	31.0	21.7	33.3	21.7	35.3	21.1
	70	20.7	17.1	24.3	19.5	28.0	20.8	30.0	21.4	31.0	21.7	33.3	21.7	35.3	21.1
	73	20.7	17.1	24.3	19.5	28.0	20.8	30.0	21.4	31.0	21.7	33.3	21.7	35.3	21.1
	77	20.7	17.1	24.3	19.5	28.0	20.8	30.0	21.4	31.0	21.7	33.3	21.7	35.3	21.1
	80	20.7	17.1	24.3	19.5	28.0	20.8	30.0	21.4	31.0	21.7	33.3	21.7	35.3	21.1
	84	20.7	17.1	24.3	19.5	28.0	20.8	30.0	21.4	31.0	21.7	33.3	21.7	35.3	21.1
	88	20.7	17.1	24.3	19.5	28.0	20.8	30.0	21.4	31.0	21.7	33.3	21.7	35.3	21.1
	92	20.7	17.1	24.3	19.5	28.0	20.8	30.0	21.4	31.0	21.7	33.3	21.7	35.3	21.1
	95	20.7	17.1	24.3	19.5	28.0	20.8	30.0	21.4	31.0	21.7	33.3	21.7	35.3	21.1
	99	20.7	17.1	24.3	19.5	28.0	20.8	30.0	21.4	31.0	21.7	33.0	21.4	34.7	20.8
	103	20.7	17.1	24.3	19.5	28.0	20.8	30.0	21.4	30.7	21.4	32.3	21.1	34.0	20.5
	107	20.7	17.1	24.3	19.5	27.8	20.6	29.6	21.1	30.3	21.1	31.8	20.7	33.1	20.0
	111	20.7	17.1	24.3	19.5	27.0	20.1	28.6	20.4	29.4	20.5	30.5	19.9	32.0	19.3
036	115	20.7	17.1	24.1	19.3	26.6	19.7	27.7	19.8	28.6	19.9	29.5	19.3	31.1	18.7
	118	20.4	16.8	23.8	19.1	26.2	19.4	27.0	19.3	28.0	19.5	28.7	18.7	30.1	18.1
	50	24.8	20.2	29.3	22.8	33.8	24.3	36.0	25.5	37.3	26.1	40.2	26.4	43.1	25.5
	54	24.8	20.2	29.3	22.8	33.8	24.3	36.0	25.5	37.3	26.1	40.2	26.4	43.1	25.5
	58	24.8	20.2	29.3	22.8	33.8	24.3	36.0	25.5	37.3	26.1	40.2	26.4	43.1	25.5
	60	24.8	20.2	29.3	22.8	33.8	24.3	36.0	25.5	37.3	26.1	40.2	26.4	42.8	25.2
	64	24.8	20.2	29.3	22.8	33.8	24.3	36.0	25.5	37.3	26.1	40.2	26.4	42.8	25.2
	67	24.8	20.2	29.3	22.8	33.8	24.3	36.0	25.5	37.3	26.1	39.9	26.1	42.4	25.2
	70	24.8	20.2	29.3	22.8	33.8	24.3	36.0	25.5	37.3	26.1	39.9	26.1	42.4	25.2
	73	24.8	20.2	29.3	22.8	33.8	24.3	36.0	25.5	37.3	26.1	39.9	26.1	42.4	25.2
	77	24.8	20.2	29.3	22.8	33.8	24.3	36.0	25.5	37.3	26.1	39.9	26.1	42.4	25.2
	80	24.8	20.2	29.3	22.8	33.8	24.3	36.0	25.5	37.3	26.1	39.9	26.1	42.4	25.2
	84	24.8	20.2	29.3	22.8	33.8	24.3	36.0	25.5	37.3	26.1	39.9	26.1	42.4	25.2
	88	24.8	20.2	29.3	22.8	33.8	24.3	36.0	25.5	37.3	26.1	39.9	26.1	42.4	25.2
	92	24.8	20.2	29.3	22.8	33.8	24.3	36.0	25.5	37.3	26.1	39.9	26.1	42.4	25.2
	95	24.8	20.2	29.3	22.8	33.8	24.3	36.0	25.5	37.3	26.1	39.9	25.8	42.4	25.2
	99	24.8	20.2	29.3	22.8	33.8	24.3	36.0	25.5	37.3	26.1	39.9	26.4	42.4	25.2
	103	24.8	20.2	29.3	22.8	33.8	24.3	36.0	25.5	37.3	26.1	39.5	26.1	41.8	24.9
048	107	24.8	20.2	29.3	22.8	33.5	24.1	35.5	25.2	36.8	25.8	38.8	25.6	40.7	24.3
	111	24.8	20.2	29.3	22.8	32.6	23.5	34.4	24.3	35.8	25.1	37.3	24.6	39.3	23.4
	115	24.8	20.2	29.0	22.6	32.1	23.1	33.3	23.6	34.7	24.3	36.1	23.8	38.3	22.8
	118	24.4	19.9	28.6	22.3	31.5	22.7	32.4	22.9	34.0	23.8	35.1	23.1	36.9	22.0
	50	33.3	26.2	39.1	29.6	44.9	32.1	48.0	33.0	50.1	33.3	53.8	33.6	57.6	33.3
	54	33.3	26.2	39.1	29.6	44.9	32.1	48.0	33.0	49.7	33.0	53.5	33.3	57.3	33.0
	58	33.3	26.2	39.1	29.6	44.9	32.1	48.0	33.0	49.7	33.0	53.5	33.3	57.3	33.0
	60	33.3	26.2	39.1	29.6	44.9	32.1	48.0	33.0	49.7	33.0	53.5	33.3	56.9	32.7
	64	33.3	26.2	39.1	29.6	44.9	32.1	48.0	33.0	49.7	33.0	53.1	33.0	56.9	32.7
	67	33.3	26.2	39.1	29.6	44.9	32.1	48.0	33.0	49.7	33.0	53.1	33.0	56.6	32.4
	70	33.3	26.2	39.1	29.6	44.9	32.1	48.0	33.0	49.7	33.0	53.1	33.0	56.6	32.4
	73	33.3	26.2	39.1	29.6	44.9	32.1	48.0	33.0	49.7	33.0	53.1	33.0	56.6	32.4
	77	33.3	26.2	39.1	29.6	44.9	32.1	48.0	33.0	49.7	33.0	53.1	33.0	56.6	32.4
	80	33.3	26.2	39.1	29.6	44.9	32.1	48.0	33.0	49.7	33.0	53.1	33.0	56.6	32.4
	84	33.3	26.2	39.1	29.6	44.9	32.1	48.0	33.0	49.7	33.0	53.1	33.0	56.6	32.4
	88	33.3	26.2	39.1	29.6	44.9	32.1	48.0	33.0	49.7	33.0	53.1	33.0	56.6	32.4
	92	33.3	26.2	39.1	29.6	44.9	32.1	48.0	33.0	49.7	33.0	53.1	33.0	56.6	32.4
	95	33.3	26.2	39.1	29.6	44.9	32.1	48.0	33.0	49.7	33.0	53.1	33.0	56.6	32.4
	99	33.3	26.2	39.1	29.6	44.9	32.1	48.0	33.0	49.7	33.0	52.8	32.7	55.9	32.1
	103	33.3	26.2	39.1	29.6	44.9	32.1	48.0	33.0	49.4	32.7	51.8	32.1	54.5	31.5
	107	33.3	26.2	39.1	29.6	44.6	31.8	47.4	32.6	48.8	32.3	50.9	31.5	53.1	30.7
	111	33.3	26.2	39.1	29.6	43.4	31.0	45.8	31.5	47.4	31.4	48.9	30.3	51.3	29.6
	115	33.3	26.2	38.7	29.3	42.7	30.5	44.4	30.5	46.0	30.5	47.3	29.3	49.9	28.8
	118	32.8	25.9	38.2	28.9	42.0	30.0	43.2	29.7	45.1	29.8	45.9	28.4	48.2	27.8

2. Capacity Table

Multi-position AHU (Cooling)

TC : Total Capacity, SHC : Sensible Heat Capacity

Model	Outdoor Temperature (°F, DB)	Indoor temperature(°F, WB)													
		57		61		64		67		70		72		75	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
		MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH
054	50	37.4	30.8	44.0	34.8	50.5	37.7	54.0	38.8	56.3	39.2	60.6	39.5	64.8	39.2
	54	37.4	30.8	44.0	34.8	50.5	37.7	54.0	38.8	55.9	38.8	60.2	39.2	64.4	38.8
	58	37.4	30.8	44.0	34.8	50.5	37.7	54.0	38.8	55.9	38.8	60.2	39.2	64.4	38.8
	60	37.4	30.8	44.0	34.8	50.5	37.7	54.0	38.8	55.9	38.8	60.2	39.2	64.0	38.4
	64	37.4	30.8	44.0	34.8	50.5	37.7	54.0	38.8	55.9	38.8	59.8	38.8	64.0	38.4
	67	37.4	30.8	44.0	34.8	50.5	37.7	54.0	38.8	55.9	38.8	59.8	38.8	63.6	38.1
	70	37.4	30.8	44.0	34.8	50.5	37.7	54.0	38.8	55.9	38.8	59.8	38.8	63.6	38.1
	73	37.4	30.8	44.0	34.8	50.5	37.7	54.0	38.8	55.9	38.8	59.8	38.8	63.6	38.1
	77	37.4	30.8	44.0	34.8	50.5	37.7	54.0	38.8	55.9	38.8	59.8	38.8	63.6	38.1
	80	37.4	30.8	44.0	34.8	50.5	37.7	54.0	38.8	55.9	38.8	59.8	38.8	63.6	38.1
	84	37.4	30.8	44.0	34.8	50.5	37.7	54.0	38.8	55.9	38.8	59.8	38.8	63.6	38.1
	88	37.4	30.8	44.0	34.8	50.5	37.7	54.0	38.8	55.9	38.8	59.8	38.8	63.6	38.1
	92	37.4	30.8	44.0	34.8	50.5	37.7	54.0	38.8	55.9	38.8	59.8	38.8	63.6	38.1
	95	37.4	30.8	44.0	34.8	50.5	37.7	54.0	38.8	55.9	38.8	59.8	38.8	63.6	38.1
	99	37.4	30.8	44.0	34.8	50.5	37.7	54.0	38.8	55.9	38.8	59.4	38.4	62.9	37.7
	103	37.4	30.8	44.0	34.8	50.5	37.7	54.0	38.8	55.5	38.4	58.2	37.7	61.3	37.0
	107	37.4	30.8	44.0	34.8	50.2	37.4	53.3	38.3	54.9	38.0	57.2	37.1	59.8	36.1
	111	37.4	30.8	44.0	34.8	48.8	36.4	51.6	37.0	53.3	36.9	55.0	35.6	57.7	34.8
	115	37.4	30.8	43.5	34.5	48.0	35.8	49.9	35.9	51.8	35.8	53.2	34.4	56.2	33.9
	118	36.9	30.4	43.0	34.0	47.2	35.2	48.6	34.9	50.7	35.1	51.7	33.4	54.2	32.7
060	50	42.3	33.9	50.1	37.8	56.8	40.8	60.0	42.0	64.0	43.5	70.7	44.5	74.7	44.9
	54	42.3	33.9	50.1	37.8	56.8	40.8	60.0	42.0	64.0	43.7	70.7	44.7	74.7	45.2
	58	42.3	33.9	50.1	37.8	56.8	40.8	60.0	42.0	64.0	43.7	70.7	44.7	74.7	44.5
	60	42.3	33.9	50.1	37.8	56.8	40.8	60.0	42.0	64.0	43.7	70.7	44.7	74.7	44.9
	64	42.3	33.9	50.1	37.8	56.8	40.8	60.0	42.0	64.0	43.7	70.7	44.7	74.5	44.5
	67	42.3	33.9	50.1	37.8	56.8	40.8	60.0	42.0	64.0	43.7	70.7	44.7	73.4	44.2
	70	42.3	33.9	50.1	37.8	56.8	40.8	60.0	42.0	64.0	43.7	70.7	44.7	73.7	44.2
	73	42.3	33.9	50.1	37.8	56.8	40.8	60.0	42.0	64.0	43.7	70.7	44.9	72.6	43.5
	77	42.3	33.9	50.1	37.8	56.8	40.8	60.0	42.0	64.0	43.7	70.7	44.7	72.3	43.7
	80	42.3	33.9	50.1	37.8	56.8	40.8	60.0	42.0	64.0	43.7	70.7	44.7	72.3	43.7
	84	42.3	33.9	50.1	37.8	56.8	40.8	60.0	42.0	64.0	43.7	70.7	44.7	72.3	43.7
	88	42.3	33.9	50.1	37.8	56.8	40.8	60.0	42.0	64.0	43.7	70.7	44.9	72.3	43.7
	92	42.3	33.9	50.1	37.8	56.8	40.8	60.0	42.0	64.0	43.7	70.7	45.4	72.3	43.7
	95	42.3	33.9	50.1	37.8	56.8	40.8	60.0	42.0	64.0	43.5	70.7	45.4	72.3	44.2
	99	41.5	33.4	49.3	37.3	56.5	40.5	60.0	42.0	63.5	43.5	69.6	44.7	71.3	43.2
	103	41.0	33.2	48.5	36.8	56.5	40.5	59.7	41.8	63.5	43.5	68.8	45.2	70.2	43.0
	107	41.0	33.2	48.5	36.8	56.1	40.2	58.9	41.2	62.7	43.0	67.6	44.4	68.4	41.9
	111	41.0	33.2	48.5	36.8	54.6	39.1	57.0	39.9	60.9	41.7	65.0	42.6	66.1	40.5
	115	41.0	33.2	48.0	36.5	53.7	38.5	55.2	38.6	59.2	40.5	62.9	41.3	64.3	39.4
	118	40.5	32.7	47.4	36.0	52.8	37.9	53.8	37.6	58.0	39.7	61.1	40.1	62.0	38.0
072	50	50.8	42.0	60.1	46.8	68.1	50.5	72.0	52.0	76.8	53.8	84.9	55.0	89.7	55.6
	54	50.8	42.0	60.1	46.8	68.1	50.5	72.0	52.0	76.8	54.1	84.9	55.3	89.7	56.0
	58	50.8	42.0	60.1	46.8	68.1	50.5	72.0	52.0	76.8	54.1	84.9	55.3	89.7	55.0
	60	50.8	42.0	60.1	46.8	68.1	50.5	72.0	52.0	76.8	54.1	84.9	55.3	89.7	55.6
	64	50.8	42.0	60.1	46.8	68.1	50.5	72.0	52.0	76.8	54.1	84.9	55.3	89.4	55.0
	67	50.8	42.0	60.1	46.8	68.1	50.5	72.0	52.0	76.8	54.1	84.9	55.3	88.1	54.7
	70	50.8	42.0	60.1	46.8	68.1	50.5	72.0	52.0	76.8	54.1	84.9	55.3	88.4	54.7
	73	50.8	42.0	60.1	46.8	68.1	50.5	72.0	52.0	76.8	54.1	84.9	55.6	87.1	53.8
	77	50.8	42.0	60.1	46.8	68.1	50.5	72.0	52.0	76.8	54.1	84.9	55.3	86.8	54.1
	80	50.8	42.0	60.1	46.8	68.1	50.5	72.0	52.0	76.8	54.1	84.9	55.3	86.8	54.1
	84	50.8	42.0	60.1	46.8	68.1	50.5	72.0	52.0	76.8	54.1	84.9	55.3	86.8	54.1
	88	50.8	42.0	60.1	46.8	68.1	50.5	72.0	52.0	76.8	54.1	84.9	55.6	86.8	54.1
	92	50.8	42.0	60.1	46.8	68.1	50.5	72.0	52.0	76.8	54.1	84.9	56.3	86.8	54.1
	95	50.8	42.0	60.1	46.8	68.1	50.5	72.0	52.0	76.8	53.8	84.9	56.3	86.8	54.7
	99	49.8	41.4	59.1	46.2	67.8	50.2	72.0	52.0	76.2	53.8	83.6	55.3	85.5	53.5
	103	49.2	41.1	58.2	45.6	67.8	50.2	71.7	51.7	76.2	53.8	82.6	56.0	84.2	53.2
	107	49.2	41.1	58.2	45.6	67.3	49.8	70.7	51.0	75.3	53.2	81.2	55.0	82.1	51.9
	111	49.2	41.1	58.2	45.6	65.5	48.5	68.4	49.4	73.1	51.7	77.9	52.8	79.3	50.1
	115	49.2	41.1	57.6	45.2	64.4	47.7	66.3	47.8	71.0	50.2	75.4	51.1	77.1	48.7
	118	48.6	40.5	56.9	44.6	63.4	46.9	64.5	46.5	69.6	49.1	73.3	49.6	74.4	47.0



- The performance table shows the average value of each conditions.

2. Capacity Table

Multi-position AHU (Heating)

TC : Total Capacity

Model	Outdoor Temperature (°F)		Indoor temperature(°F, DB)				
			61	65	70	72	75
	DB	WB	TC	TC	TC	TC	TC
012	-12.6	-13	7.0	7.6	7.2	7.2	7.8
	-7.1	-8	7.7	7.9	7.6	7.6	7.8
	-4	-4	8.1	8.1	7.8	7.8	7.8
	-2	-2	8.4	8.2	7.9	7.9	7.8
	2	1	8.8	8.5	8.2	8.2	7.8
	6	5	9.1	8.8	8.5	8.5	8.2
	10	9	9.4	9.0	9.0	8.7	8.6
	13	12	9.7	9.6	9.6	9.3	9.3
	17	15	9.9	9.9	9.8	9.6	9.5
	19	18	10.1	10.1	10.0	9.8	9.6
	23	21	10.5	10.5	10.1	10.1	9.8
	26	24	11.1	10.8	10.8	10.5	10.1
	30	28	11.5	11.5	11.1	10.8	10.5
	35	32	12.2	12.2	11.8	11.5	10.8
	39	36	12.8	12.5	12.5	11.8	11.5
	44	40	13.2	13.2	12.8	12.2	11.5
	47	43	13.8	13.8	13.5	12.5	11.5
018	-12.6	-13	13.1	12.2	12.7	12.4	12.4
	-7.1	-8	13.4	12.9	13.1	12.7	12.7
	-4	-4	13.6	13.3	13.3	12.9	12.9
	-2	-2	13.8	13.5	13.4	13.1	13.1
	2	1	14.1	14.0	13.7	13.3	13.3
	6	5	14.7	14.4	14.0	13.7	13.4
	10	9	15.2	14.9	14.5	14.5	14.1
	13	12	15.9	15.8	15.5	15.2	15.1
	17	15	16.2	16.2	15.9	15.5	15.4
	19	18	16.6	16.4	16.2	15.9	15.5
	23	21	17.1	16.8	16.8	16.4	15.7
	26	24	18.2	17.8	17.5	17.1	16.4
	30	28	18.9	18.5	18.5	17.8	17.1
	35	32	19.9	19.6	19.2	18.5	17.5
	39	36	20.6	20.6	20.3	19.6	18.5
	44	40	21.7	21.3	21.0	19.9	18.5
	47	43	22.7	22.3	22.0	20.3	18.5
024	-12.6	-13	15.5	16.0	15.7	15.3	15.3
	-7.1	-8	16.1	16.3	16.0	15.7	15.7
	-4	-4	16.6	16.6	16.2	15.9	15.9
	-2	-2	16.8	16.7	16.3	16.0	16.0
	2	1	17.3	17.0	16.6	16.3	16.2
	6	5	18.0	17.7	17.3	16.7	16.3
	10	9	18.7	18.4	18.0	17.6	17.3
	13	12	19.7	19.3	19.0	18.6	18.6
	17	15	20.1	19.7	19.4	19.1	19.0
	19	18	20.4	20.1	19.7	19.4	19.2
	23	21	20.9	20.6	20.3	19.9	19.6
	26	24	21.9	21.9	21.6	20.9	20.3
	30	28	23.3	23.0	22.6	21.6	20.9
	35	32	24.3	24.0	23.6	22.6	21.6
	39	36	25.7	25.3	24.6	24.0	23.0
	44	40	26.7	26.3	26.0	24.3	23.0
	47	43	27.7	27.3	27.0	25.0	23.0
	51	47	28.7	27.7	27.0	25.0	23.0
	54	50	29.4	28.4	27.0	25.0	23.0
	57	53	30.4	28.7	27.0	25.0	23.0
	60	56	31.1	29.0	27.0	25.0	23.0

2. Capacity Table

Multi-position AHU (Heating)

TC : Total Capacity

Model	Outdoor Temperature (°F)		Indoor temperature(°F, DB)				
			61	65	70	72	75
	DB	WB	TC	TC	TC	TC	TC
030	-12.6	-13	18.8	18.8	19.0	18.6	19.2
	-7.1	-8	19.8	19.8	19.7	19.3	19.5
	-4	-4	20.5	20.5	20.1	19.8	19.7
	-2	-2	20.8	20.8	20.3	20.0	19.9
	2	1	21.6	21.5	20.8	20.5	20.1
	6	5	22.9	22.2	21.6	20.9	20.6
	10	9	23.6	23.2	22.5	22.1	21.8
	13	12	24.6	24.2	23.8	23.5	23.4
	17	15	25.1	24.8	24.4	24.0	23.9
	19	18	25.7	25.3	25.0	24.5	24.1
	23	21	26.5	26.2	25.8	25.2	24.5
	26	24	27.9	27.5	27.2	26.2	25.5
	30	28	29.2	28.9	28.6	27.5	26.2
	35	32	30.6	30.3	29.9	28.6	27.2
	39	36	32.0	31.6	31.3	29.9	28.6
	44	40	33.7	33.0	32.6	30.6	28.6
	47	43	35.0	34.3	34.0	31.3	28.6
	51	47	36.0	35.0	34.0	31.3	28.6
036	-12.6	-13	20.6	21.6	21.8	22.3	22.8
	-7.1	-8	22.5	22.9	22.8	23.0	23.2
	-4	-4	23.8	23.8	23.4	23.4	23.4
	-2	-2	24.4	24.2	23.7	23.6	23.5
	2	1	25.8	25.1	24.5	24.1	23.7
	6	5	27.0	26.1	25.4	24.8	24.2
	10	9	27.9	27.2	26.6	25.9	25.5
	13	12	29.1	28.5	28.1	27.7	27.4
	17	15	29.7	29.1	28.7	28.4	28.0
	19	18	30.2	29.8	29.3	28.8	28.3
	23	21	31.0	30.7	30.1	29.4	28.8
	26	24	32.6	32.3	31.7	30.7	29.8
	30	28	34.2	33.9	33.6	32.3	31.0
	35	32	36.2	35.5	35.5	33.6	32.0
	39	36	37.8	37.1	36.8	35.2	33.9
	44	40	39.4	39.0	38.4	36.2	33.9
	47	43	41.3	40.6	40.0	36.8	33.9
	51	47	42.6	41.3	40.0	36.8	33.9
048	-12.6	-13	28.8	29.9	30.6	30.6	30.8
	-7.1	-8	30.8	31.3	31.3	31.3	31.2
	-4	-4	32.2	32.2	31.8	31.8	31.4
	-2	-2	32.9	32.6	32.0	32.0	31.5
	2	1	34.4	33.7	32.7	32.5	31.8
	6	5	36.3	35.3	34.3	33.3	32.3
	10	9	37.5	36.7	36.0	35.2	34.2
	13	12	39.1	38.6	38.0	37.5	36.8
	17	15	39.9	39.5	38.9	38.4	37.7
	19	18	40.7	40.2	39.7	39.0	38.1
	23	21	41.9	41.2	40.8	39.8	38.8
	26	24	44.2	43.5	42.9	41.5	40.5
	30	28	46.6	45.9	45.2	43.5	41.9
	35	32	48.6	47.9	47.3	45.2	43.2
	39	36	51.0	50.3	49.6	47.6	45.6
	44	40	53.3	52.7	51.6	48.6	45.6
	47	43	55.7	54.7	54.0	50.0	45.6
	51	47	57.4	55.7	54.0	50.0	45.6
	54	50	59.1	56.4	54.0	50.0	45.6
	57	53	60.8	57.4	54.0	50.0	45.6
	60	56	62.4	58.1	54.0	50.0	45.6

2. Capacity Table

Multi-position AHU (Heating)

TC : Total Capacity

Model	Outdoor Temperature (°F)		Indoor temperature(°F, DB)				
			61	65	70	72	75
	DB	WB	TC	TC	TC	TC	TC
054	-12.6	-13	32.0	33.2	34.1	34.1	34.3
	-7.1	-8	34.3	34.7	34.8	34.8	34.7
	-4	-4	35.8	35.7	35.3	35.3	34.9
	-2	-2	36.5	36.2	35.6	35.6	35.0
	2	1	38.2	37.4	36.3	36.1	35.3
	6	5	40.3	39.2	38.1	37.1	35.9
	10	9	41.6	40.8	40.0	39.2	38.0
	13	12	43.4	42.9	42.2	41.7	40.9
	17	15	44.3	43.9	43.2	42.7	41.9
	19	18	45.2	44.6	44.1	43.3	42.4
	23	21	46.5	45.8	45.4	44.3	43.1
	26	24	49.1	48.4	47.6	46.1	45.0
	30	28	51.8	51.0	50.3	48.4	46.5
	35	32	54.0	53.3	52.5	50.3	48.0
	39	36	56.6	55.9	55.1	52.9	50.6
	44	40	59.3	58.5	57.4	54.0	50.6
	47	43	61.9	60.8	60.0	55.5	50.6
	51	47	63.8	61.9	60.0	55.5	50.6
060	-12.6	-13	49.9	47.9	45.1	41.1	37.3
	-7.1	-8	51.2	49.2	46.3	43.4	40.9
	-4	-4	52.1	50.0	47.2	45.0	43.2
	-2	-2	52.5	50.4	47.6	45.7	44.4
	2	1	53.6	51.5	48.7	47.4	46.8
	6	5	55.7	53.4	50.5	49.2	48.4
	10	9	58.2	55.9	52.8	51.1	50.6
	13	12	62.1	59.6	56.4	54.0	53.3
	17	15	63.5	61.0	57.6	55.2	54.4
	19	18	64.1	61.6	58.1	55.9	55.2
	23	21	65.0	62.5	58.9	57.1	56.3
	26	24	67.1	64.5	60.7	59.4	57.9
	30	28	68.6	66.0	62.2	61.7	59.1
	35	32	70.1	67.8	63.7	62.2	60.7
	39	36	71.7	69.1	64.0	62.5	60.4
	44	40	72.4	69.1	64.0	62.5	60.4
	47	43	73.7	69.1	64.0	62.5	60.4
	51	47	73.7	69.1	64.0	62.5	60.4
072	-12.6	-13	62.4	59.8	56.3	51.4	46.6
	-7.1	-8	64.0	61.4	57.9	54.3	51.1
	-4	-4	65.1	62.5	59.0	56.2	54.1
	-2	-2	65.6	63.0	59.5	57.2	55.6
	2	1	66.9	64.3	60.8	59.2	58.5
	6	5	69.6	66.7	63.1	61.5	60.5
	10	9	72.7	69.8	66.0	63.9	63.2
	13	12	77.7	74.6	70.5	67.5	66.6
	17	15	79.4	76.2	72.0	69.0	68.0
	19	18	80.2	77.0	72.6	69.9	69.0
	23	21	81.3	78.1	73.6	71.4	70.4
	26	24	83.8	80.6	75.8	74.2	72.3
	30	28	85.8	82.6	77.8	77.1	73.9
	35	32	87.7	84.8	79.7	77.8	75.8
	39	36	89.6	86.4	80.0	78.1	75.5
	44	40	90.6	86.4	80.0	78.1	75.5
	47	43	92.2	86.4	80.0	78.1	75.5
	51	47	92.2	86.4	80.0	78.1	75.5
	54	50	92.2	86.4	80.0	78.1	75.5
	57	53	92.2	86.4	80.0	78.1	75.5
	60	56	92.2	86.4	80.0	78.1	75.5

NOTE

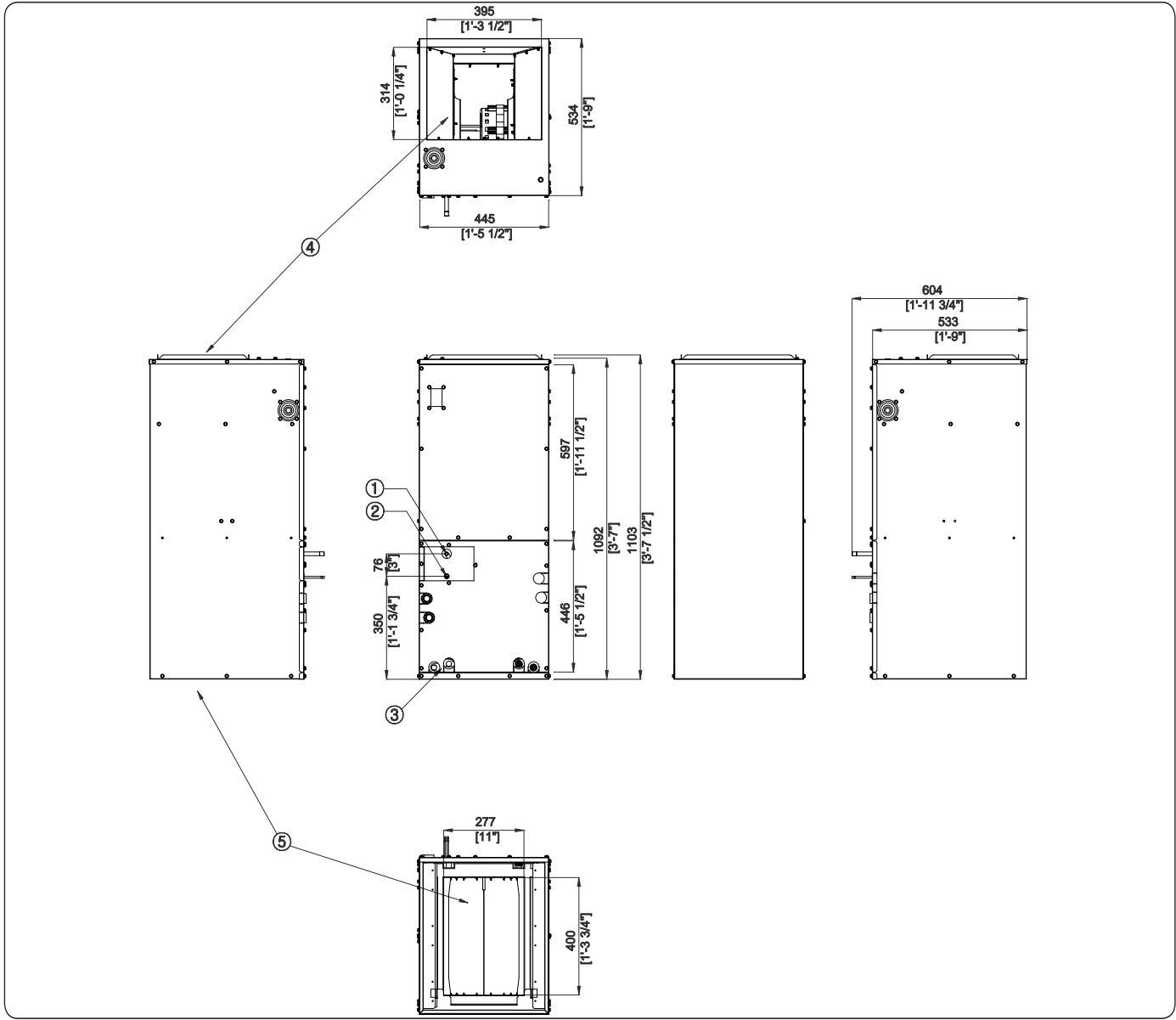
- The performance table shows the average value of each conditions.

3. Dimensional Drawing

Multi-position AHU

AM012TNZDCH/AA, AM018TNZDCH/AA, AM024TNZDCH/AA

Unit: mm (inches)



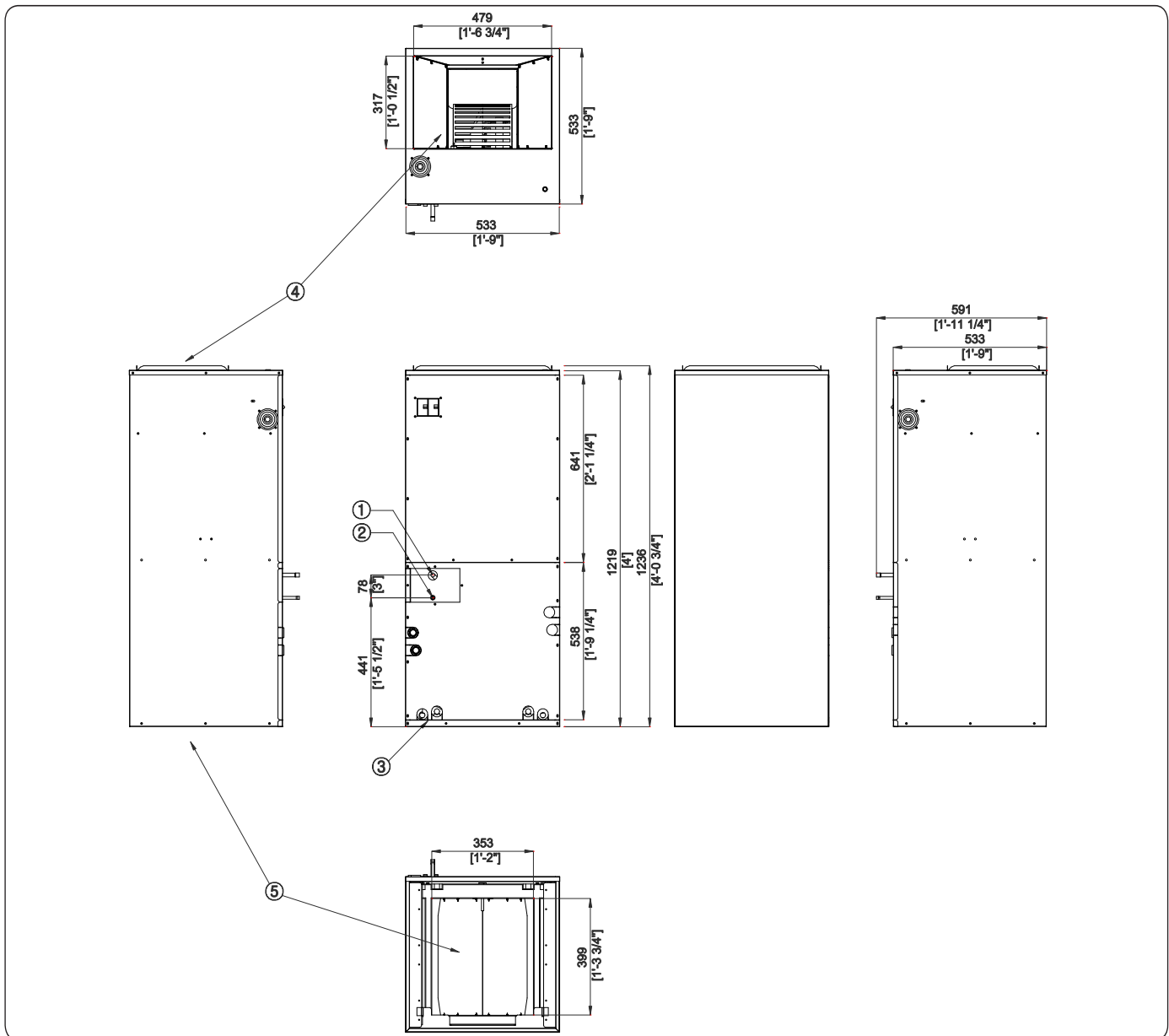
NO	Name
1	Refrigerant gas pipe
2	Refrigerant liquid pipe
3	Condensate drain pipe
4	Air outlet
5	Air intake

3. Dimensional Drawing

Multi-position AHU

AM030TNZDCH/AA, AM036TNZDCH/AA

Unit: mm (inches)



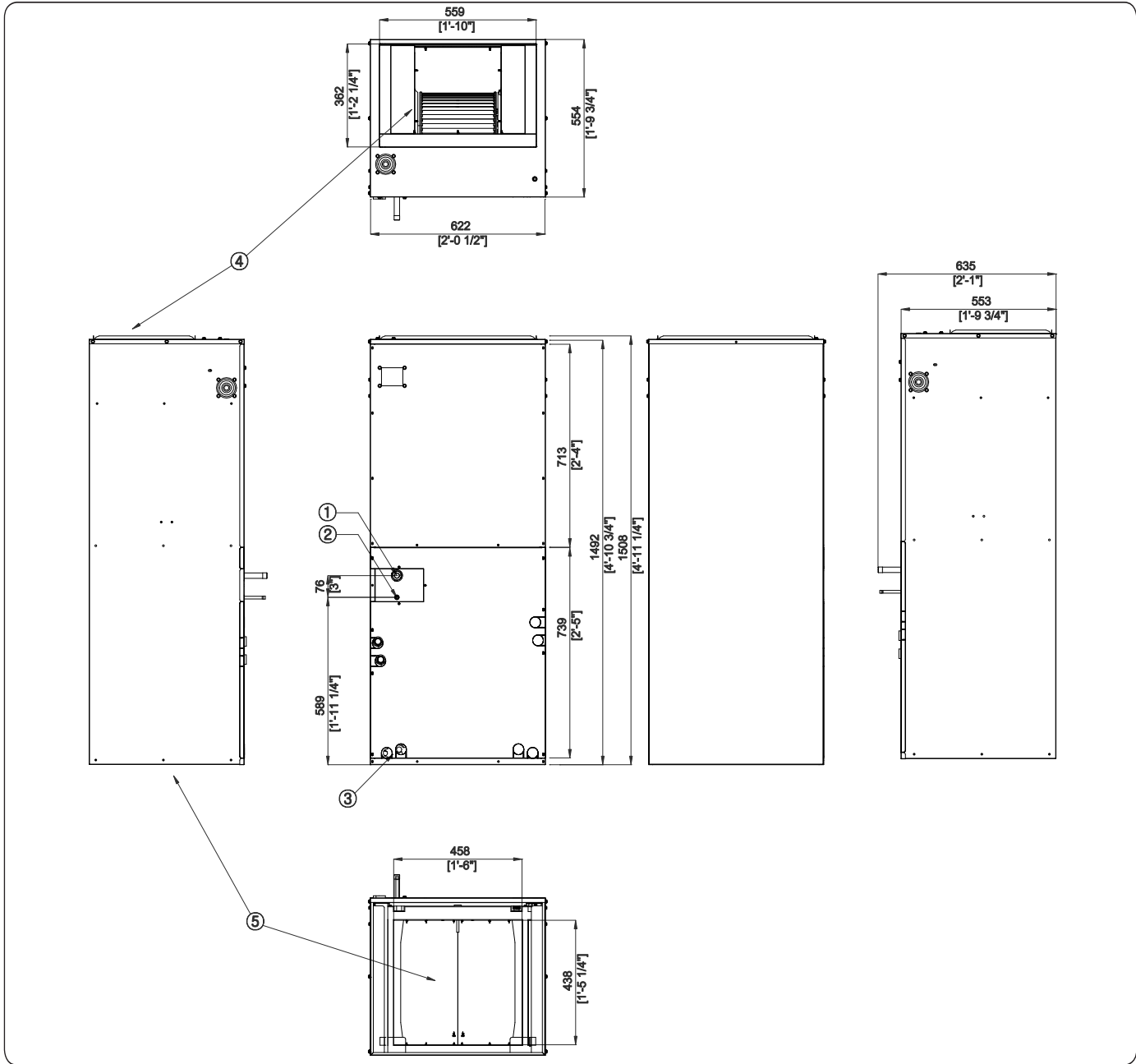
NO	Name
1	Refrigerant gas pipe
2	Refrigerant liquid pipe
3	Condensate drain pipe
4	Air outlet
5	Air intake

3. Dimensional Drawing

Multi-position AHU

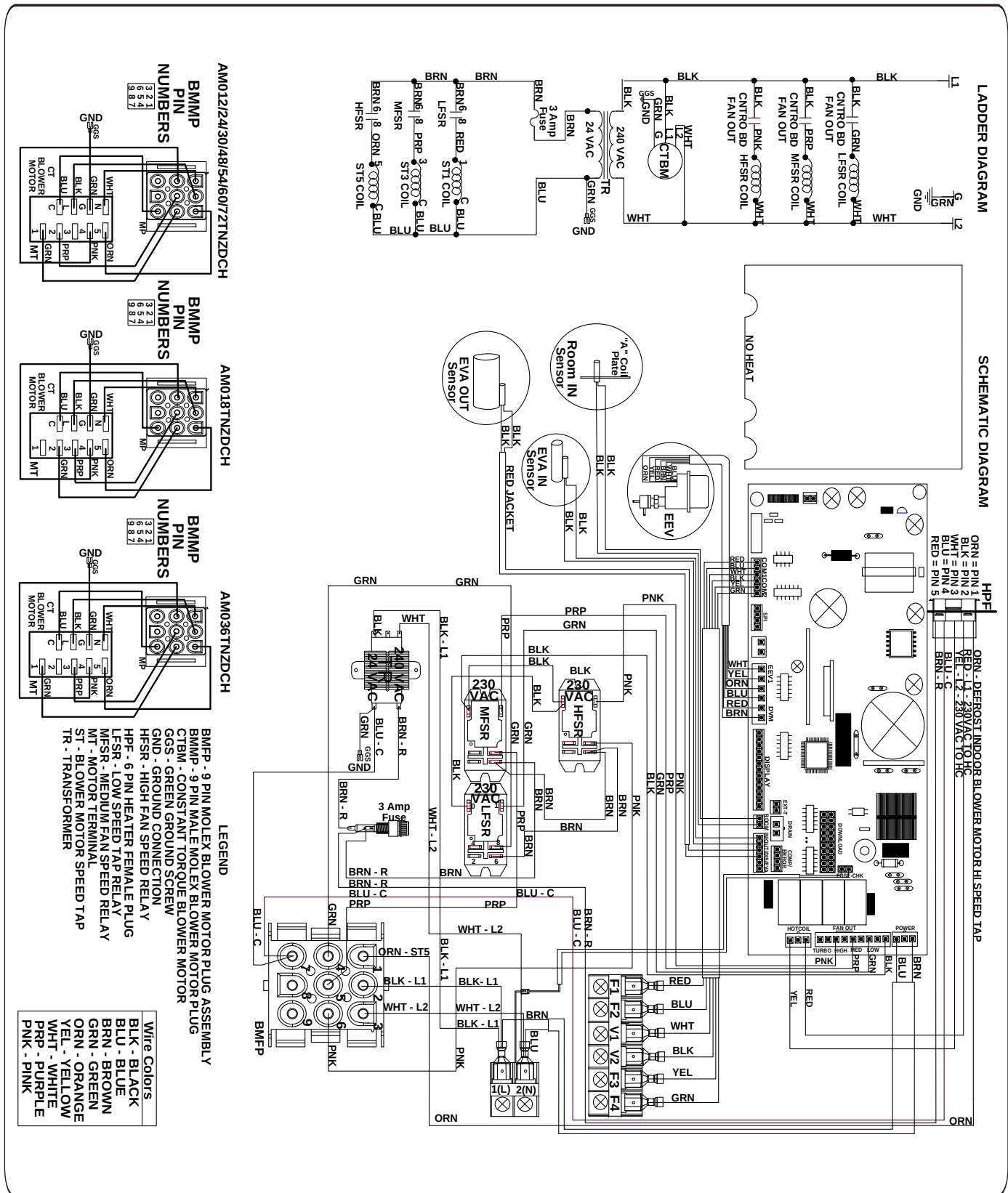
AM048TNZDCH/AA, AM054TNZDCH/AA, AM060TNZDCH/AA, AM072TNZDCH/AA

Unit: mm (inches)



NO	Name
1	Refrigerant gas pipe
2	Refrigerant liquid pipe
3	Condensate drain pipe
4	Air outlet
5	Air intake

Multi-position AHU

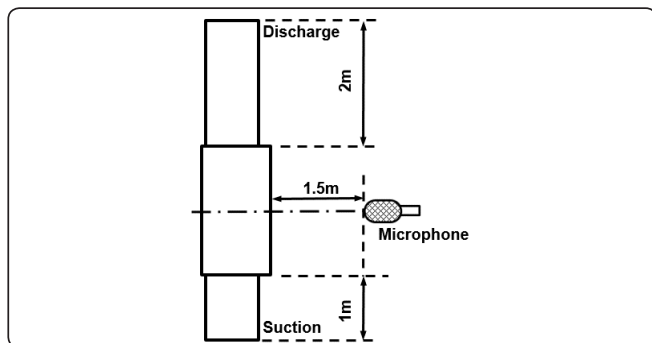


5. Sound Data

Multi-position AHU

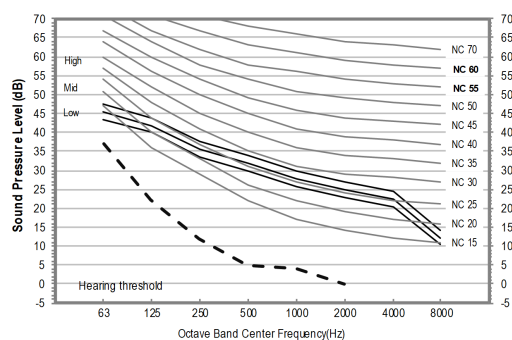
Sound Pressure level

Unit: dB(A)

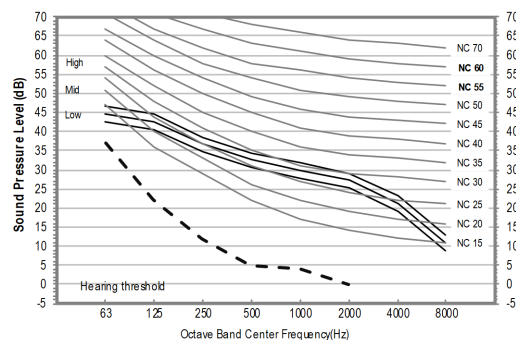


• NC Curve

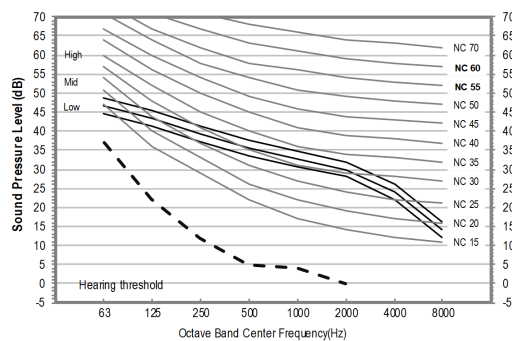
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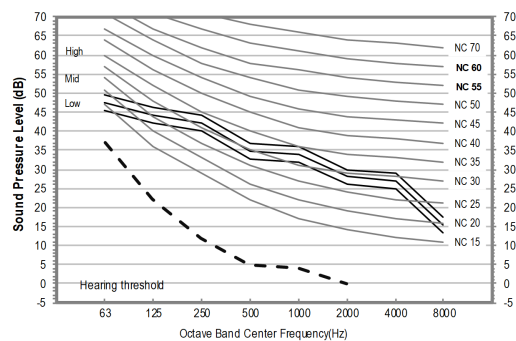
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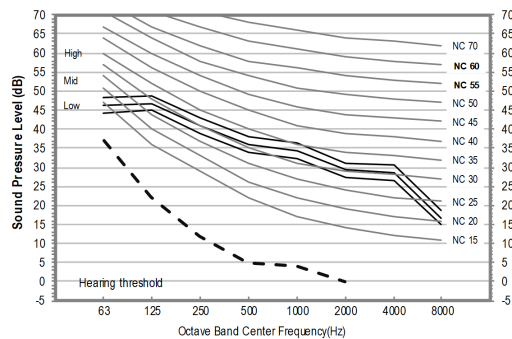
3) AM024TNZDCH/AA



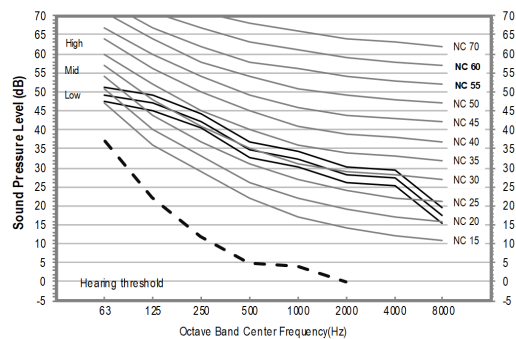
4) AM030TNZDCH/AA



5) AM036TNZDCH/AA



6) AM048TNZDCH/AA



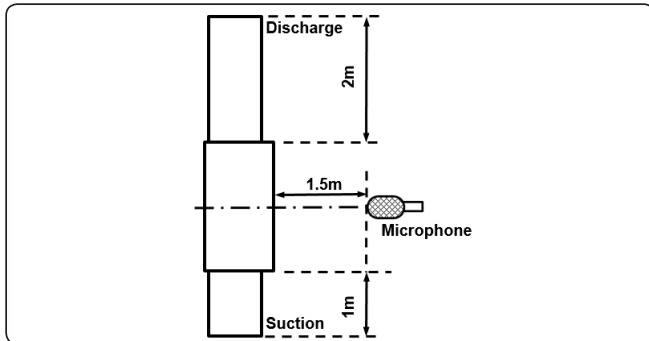
Model	Cooling		
	High	Mid	Low
AM012TNZDCH/AA	38	36	34
AM018TNZDCH/AA	39	37	35
AM024TNZDCH/AA	41	39	37
AM030TNZDCH/AA	42	40	38
AM036TNZDCH/AA	42	40	38
AM048TNZDCH/AA	43	41	39

5. Sound Data

Multi-position AHU

Sound Pressure level

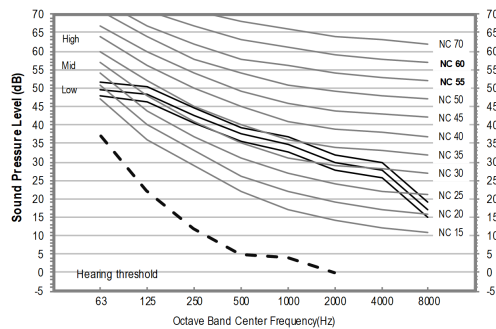
Unit: dB(A)



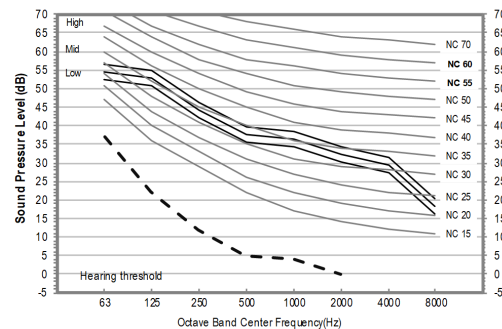
Model	Cooling		
	High	Mid	Low
AM054TNZDCH/AA	43	41	39
AM060TNZDCH/AA	46	44	42
AM072TNZDCH/AA	50	48	46

• NC Curve

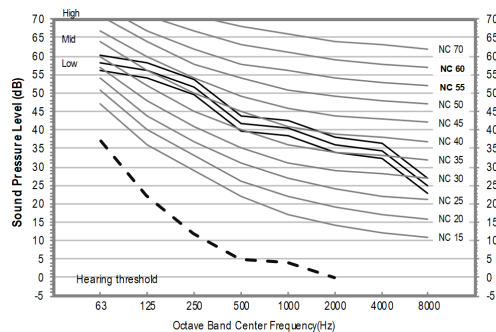
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2) AM060TNZDCH/AA



3) AM072TNZDCH/AA



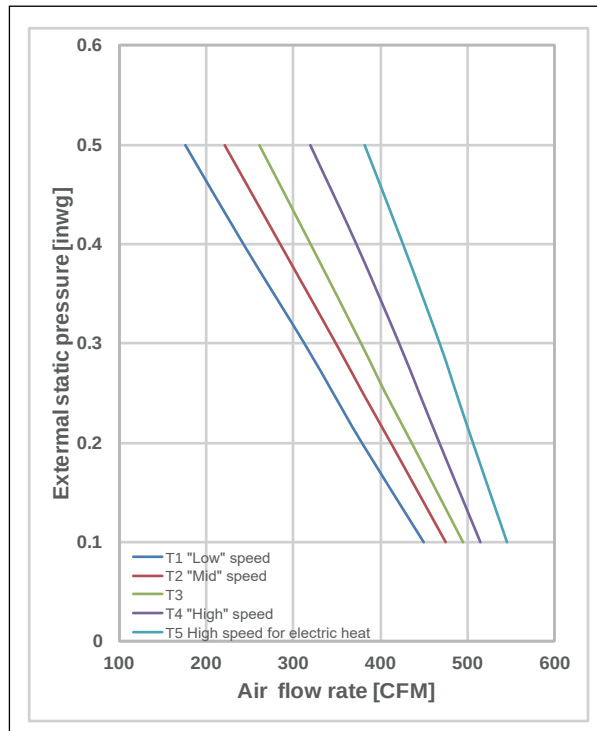
NOTE

- Specifications may be subject to change without prior notice.
- Sound pressure Level
 - Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20μPa

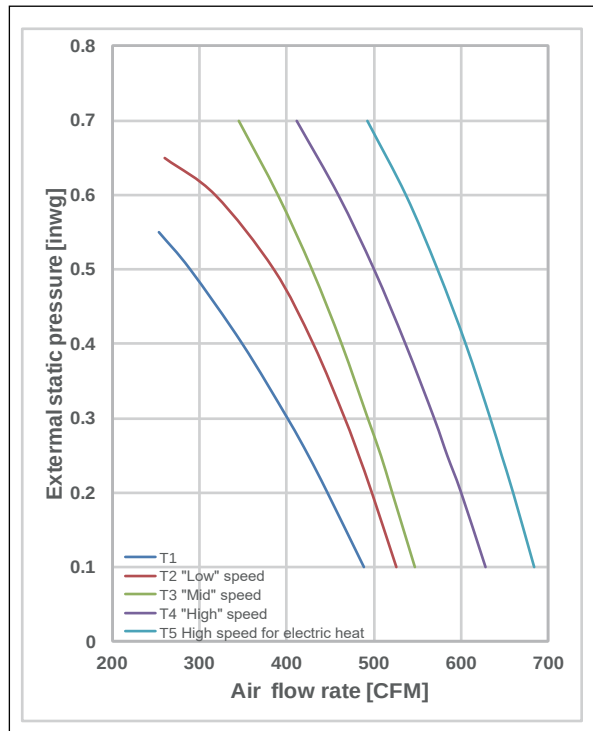
6. Recommended operation range

Multi-position AHU

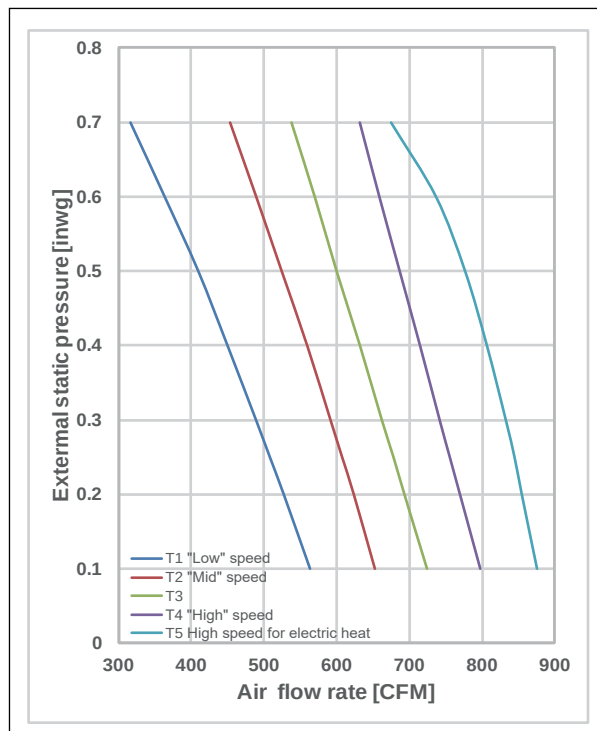
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2) AM018TNZDCH/AA



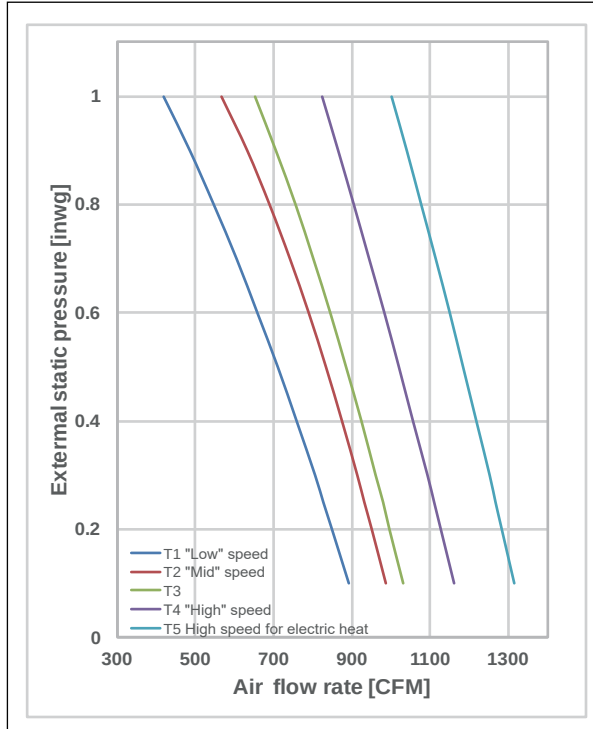
3) AM024TNZDCH/AA



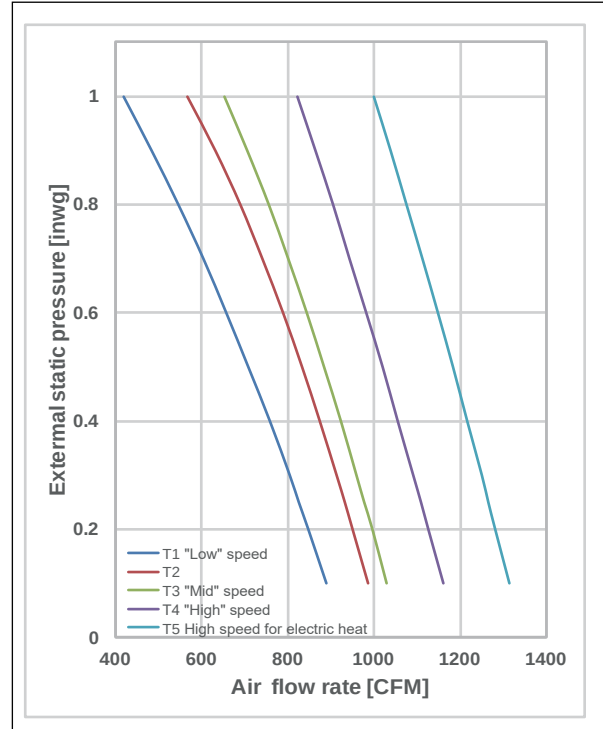
6. Recommended operation range

Multi-position AHU

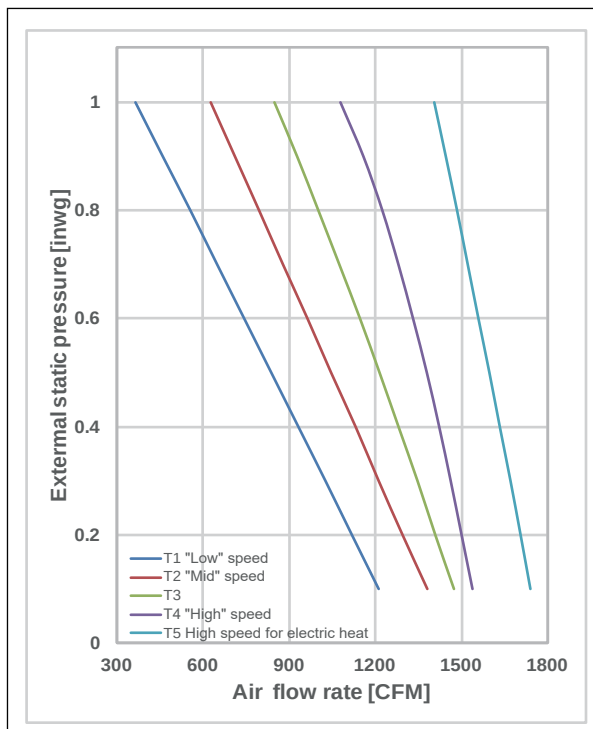
4) AM030TNZDCH/AA



5) AM036TNZDCH/AA



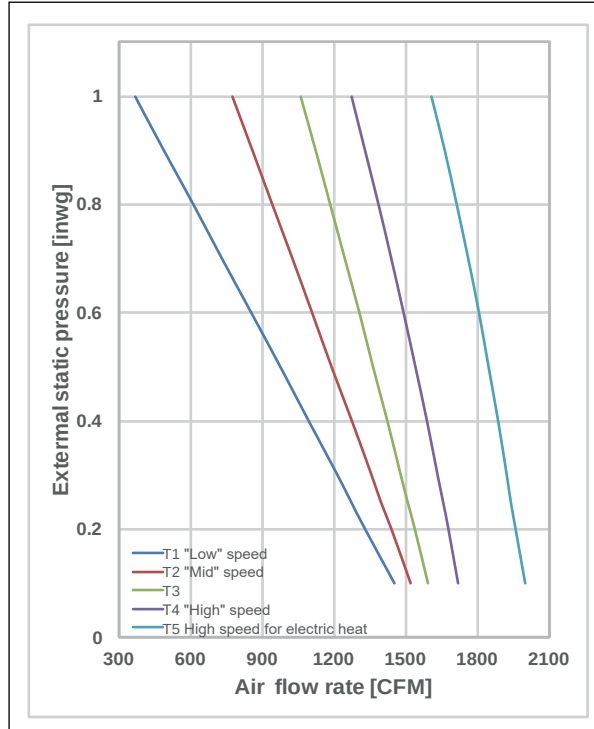
6) AM048TNZDCH/AA



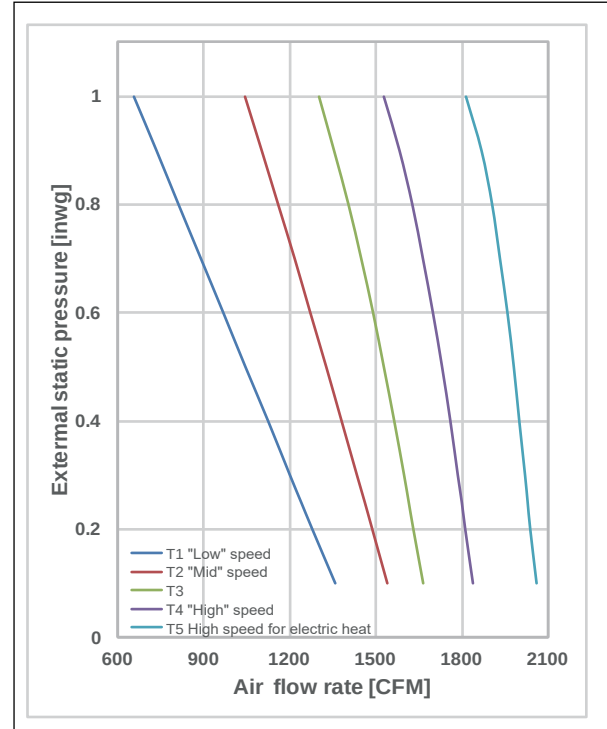
6. Recommended operation range

Multi-position AHU

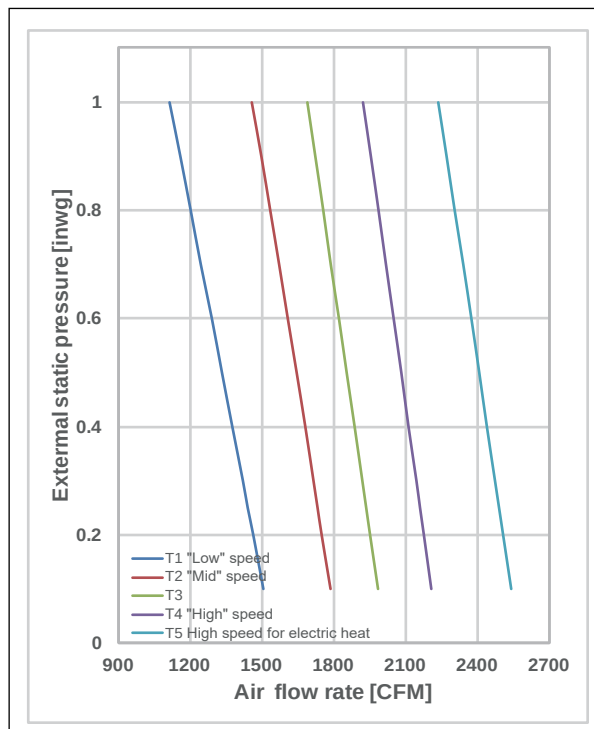
7) AM054TNZDCH/AA



8) AM060TNZDCH/AA



9) AM072TNZDCH/AA





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Ver.1.0

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