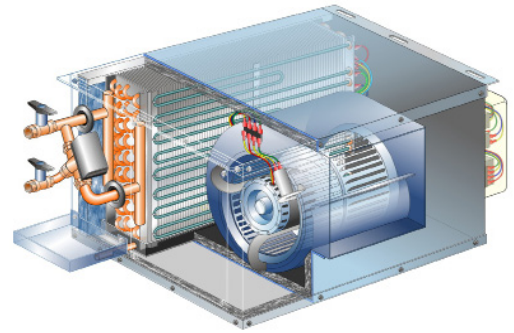


Model AHU-L 15

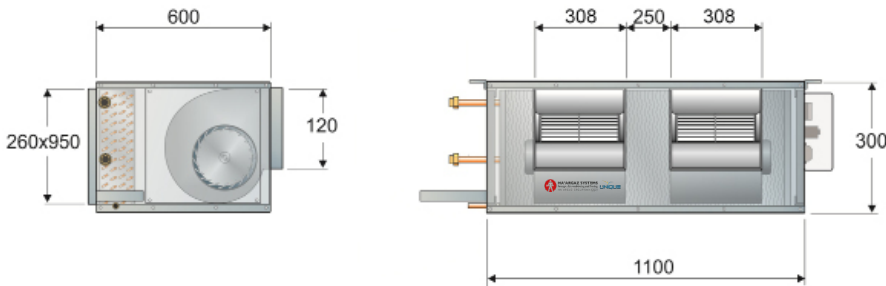
TECHNICAL DATA

Model		TYPE A	TYPE C
Air Flow (at high speed) ¹	m ³ /h	2550	
	cfm	1500	
Fan Type And Model		2x Centrifugal 7"x10"	Centrifugal 9"x10"
High Fan Speed	R.P.M	1200	900
Number of Speeds		3	3
Noise Level ²	dBA	44	45
Power Supply	V/Ph/Hz	230V, 1Ph, 50Hz	
Current Consumption	Amp	1.2	2.6
Weight - Horizontal/Vertical	kg	40/41	40/41
Coil Face Area	m ²	0.27	0.27
Fins Spacing	Per Inch	12 for 4-row coil, 10 for 6-row coil	

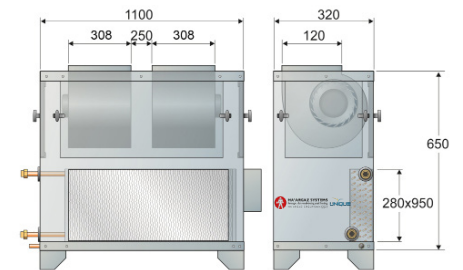


NOTES: 1. Air Flow refers to 4 row coil and 6 mm H₂O external pressure drop.
 2. Noise level refers to a ducted unit at a distance of 1.5m from the unit.

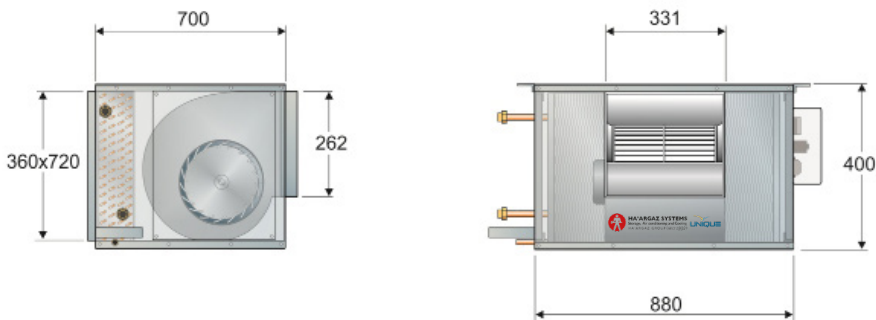
HORIZONTAL TYPE A



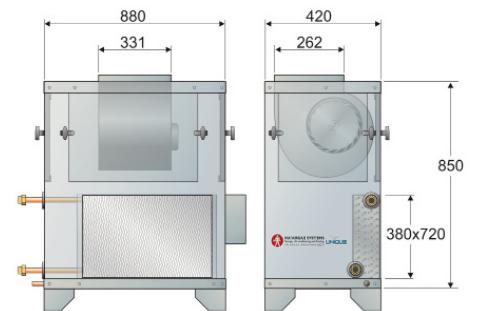
VERTICAL TYPE A



HORIZONTAL TYPE C



VERTICAL TYPE C





PERFORMANCE

COOLING CAPACITY FOR 4 ROW COIL																	
AIR Entering Temperature		22.8°C DB 16.7°C WB				25°C DB 18.3°C WB				26.7°C DB 19.4°C WB				29.4°C DB 21.7°C WB			
EWT °C	WTR °C	CAP Watt	CAP Btu/h	WF m ³ /h	PD m H ₂ O (A/C)*	CAP Watt	CAP Btu/h	WF m ³ /h	PD m H ₂ O (A/C)*	CAP Watt	CAP Btu/h	WF m ³ /h	PD m H ₂ O (A/C)*	CAP Watt	CAP Btu/h	WF m ³ /h	PD m H ₂ O (A/C)*
5.5	4.4	10854	37056	2.1	2.9/2.7	12905	44058	2.5	3.7/3.8	14359	49022	2.8	4.6/4.4	17449	59571	3.4	6.3/6.2
	5.5	10337	35291	1.6	2.0/1.9	12290	41958	1.9	2.5/2.5	13675	46686	2.1	2.9/2.8	16618	56734	2.6	4.1/5.0
	6.7	9820	33525	1.3	1.4/1.4	11676	39862	1.5	1.8/1.7	12992	44355	1.7	2.1/2.1	15787	53897	2.0	2.9/2.7
7.2	4.4	9477	32354	1.8	2.5/2.3	11425	39005	2.2	3.3/3.2	12983	44324	2.5	3.7/3.8	16073	54873	3.1	5.3/5.5
	5.5	9026	30815	1.4	1.7/1.6	10881	37148	1.7	2.1/2.1	12365	42214	1.9	2.5/2.5	15307	52258	2.4	3.3/3.2
	6.7	8575	29275	1.1	1.2/1.3	10337	35291	1.3	1.5/1.6	11746	40101	1.5	1.8/1.7	14542	49646	1.9	2.5/2.4
8.9	4.4	8024	27394	1.5	1.1/1.1	10088	34440	2.0	2.5/2.5	11529	39360	2.2	3.3/3.2	14632	49954	2.8	4.6/4.5
	5.5	7641	26086	1.2	1.3/1.3	9607	32798	1.5	1.8/1.7	10980	37486	1.6	2.1/2.1	13935	47574	2.2	3.2/3.0
	6.7	7259	24782	0.9	1.1/1.1	9127	31160	1.2	1.2/1.3	10431	35611	1.3	1.5/1.6	13238	45195	1.7	2.1/2.1

COOLING CAPACITY FOR 6 ROW COIL																	
AIR Entering Temperature		22.8°C DB 16.7°C WB				25°C DB 18.3°C WB				26.7°C DB 19.4°C WB				29.4°C DB 21.7°C WB			
EWT °C	WTR °C	CAP Watt	CAP Btu/h	WF m ³ /h	PD m H ₂ O (A/C)*	CAP Watt	CAP Btu/h	WF m ³ /h	PD m H ₂ O (A/C)*	CAP Watt	CAP Btu/h	WF m ³ /h	PD m H ₂ O (A/C)*	CAP Watt	CAP Btu/h	WF m ³ /h	PD m H ₂ O (A/C)*
5.5	4.4	13451	45922	2.6	2.8/2.5	15994	54604	3.1	3.8/2.8	17796	60756	3.5	4.4/4.0	21625	73828	4.2	6.2/5.0
	5.5	12811	43737	2.0	1.9/1.6	15232	52002	2.4	2.4/2.1	16948	57860	2.6	2.9/2.6	20595	70311	3.2	4.1/3.5
	6.7	12170	41548	1.6	1.5/1.2	14470	49401	1.9	1.7/1.6	16101	54969	2.1	2.0/1.8	19566	66798	2.5	2.8/2.3
7.2	4.4	11746	40101	2.3	2.4/2.0	14159	48339	2.7	3.2/2.7	16090	54931	3.1	4.0/2.7	19920	68007	3.9	5.6/4.1
	5.5	11186	38189	1.7	1.6/1.4	13485	46038	2.1	2.0/1.8	15324	52316	2.4	2.4/2.1	18971	64767	2.9	3.6/3.1
	6.7	10627	36281	1.4	1.2/1.1	12811	43737	1.7	1.5/1.3	14558	49701	1.9	1.8/1.6	18022	61527	2.3	2.4/2.1
8.9	4.4	9944	33949	1.9	1.0/1.0	12502	42682	2.4	2.4/2.3	14288	48779	2.8	3.2/2.7	18133	61906	3.5	4.4/4.1
	5.5	9470	32331	1.5	1.4/1.2	11907	40650	1.8	1.7/1.5	13608	46458	2.0	2.0/1.8	17270	58960	2.7	2.9/2.7
	6.7	8997	30716	1.2	1.0/1.0	11311	38616	1.5	1.4/1.2	12927	44133	1.7	1.5/1.3	16407	56013	2.1	2.1/1.8

FRESH AIR COOLING CAPACITY - 6 ROW STANDARD COIL																	
AIR Entering Temperature		25°C DB 18.3°C WB															
EWT °C	WTR °C	CAP Watt				CAP Btu/h				WF m ³ /h				PD m H ₂ O			
7.2	9.5	23632				80631				2.2				2.3			

HEATING CAPACITY													
		4 Row Coil				1 Row Coil				2 Row Coil			
AIR Entering Temperature		21 °C				21 °C				21 °C			
EWT °C	WTD °C	CAP Watt	CAP Btu/h	WF m ³ /h	PD m H ₂ O	CAP Watt	CAP Btu/h	WF m ³ /h	PD m H ₂ O	CAP Watt	CAP Btu/h	WF m ³ /h	PD m H ₂ O
45	5	13561	46270	1.9	2.3								
70	20					9226	31480	0.6	2.2	17749	60560	1.2	2.8

*Unit Configuration Type A/C

EWT - Entering Water Temp. | WTR - Water Temp. Rise | WTD - Water Temp. Drop | CAP-Cooling/Heating Capacity | PD - Water Pressure Drop | WF - Water Flow Rate

