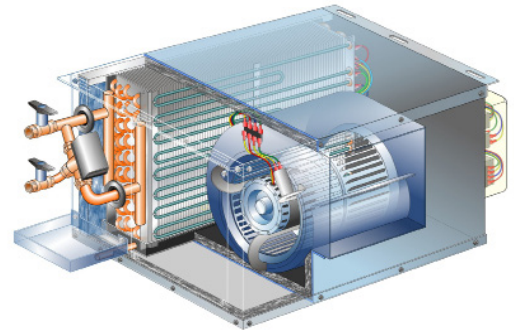


Model AHU-L 25

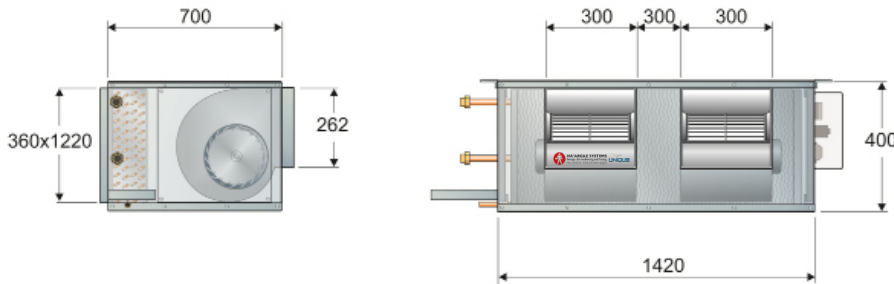
TECHNICAL DATA

Model		TYPE A	TYPE C
Air Flow (at high speed) ¹	m ³ /h	4250	
	cfm	2500	
Fan Type And Model		2x Centrifugal 9"x9"	Centrifugal 12"x12"
High Fan Speed	R.P.M	900	900
Number of Speeds		3	3
Noise Level ²	dBA	49	49
Power Supply	V/Ph/Hz	230V, 1Ph, 50Hz	
Current Consumption	Amp	5.2	4.6
Weight - Horizontal/Vertical	kg	80/82	81/82
Coil Face Area	m ²	0.46	0.46
Fins Spacing	Per Inch	12 for 4-row coil, 10 for 6-row coil	

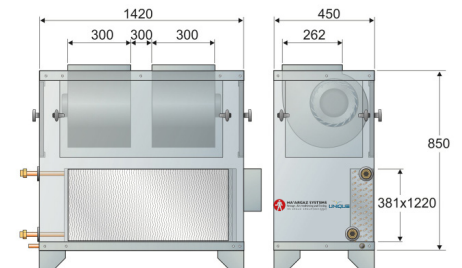


NOTES: 1. Air Flow refers to 4 row coil and 6 mm H₂O external pressure drop.
2. Noise level refers to a ducted unit at a distance of 1.5m from the unit.

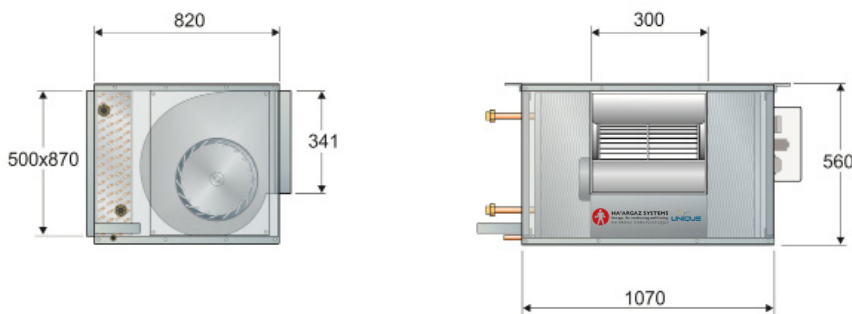
HORIZONTAL TYPE A



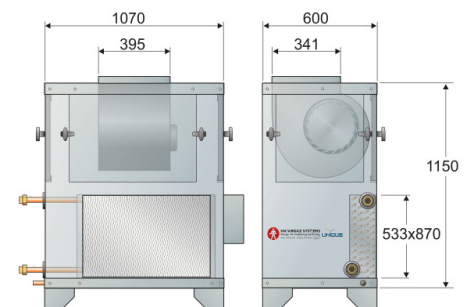
VERTICAL TYPE A



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	18523	63202	3.6	1.6/2.3	22024	75146	4.3	2.0/2.3	24506	83614	4.7	2.2/3.5	29779	101606	5.8	2.9/3.7
	5.5	17641	60192	2.7	1.2/1.6	20975	71568	3.2	1.4/2.0	23339	79632	3.6	1.6/2.3	28361	96768	4.4	2.0/3.0
	6.7	16759	57182	2.2	1.0/1.2	19927	67990	2.6	1.1/1.5	22172	75650	2.9	1.2/1.7	26943	91930	3.5	1.6/2.2
7.2	4.4	16175	55188	3.1	1.4/1.9	19498	66528	3.8	1.7/2.4	22157	75600	4.3	2.0/2.9	27430	93593	5.3	2.6/3.5
	5.5	15404	52560	2.4	1.0/1.4	18570	63360	2.9	1.2/1.7	21102	72000	3.3	1.4/2.0	26124	89136	4.0	1.9/2.7
	6.7	14634	49932	1.9	0.8/1.1	17641	60192	2.3	1.0/1.4	20047	68400	2.6	1.1/1.6	24818	84679	3.2	1.4/2.0
8.9	4.4	13693	46721	2.7	0.8/1.0	17216	58741	3.3	1.4/2.0	19675	67133	3.8	1.7/2.4	24971	85201	4.8	2.3/3.5
	5.5	13041	44496	2.0	0.9/1.2	16396	55944	2.5	1.1/1.5	18739	63936	2.9	1.2/1.8	23782	81144	3.7	1.7/2.3
	6.7	12389	42271	1.6	0.8/1.0	15576	53147	2.0	0.9/1.2	17802	60739	2.3	1.0/1.4	22593	77087	2.9	1.3/1.8

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	22768	77685	4.4	1.7/0.9	27071	92960	5.2	2.0/1.1	30122	102775	5.8	2.3/1.2	36604	124891	7.1	3.0/1.4
	5.5	21684	73986	3.4	1.2/0.8	25782	88532	4.0	1.4/0.8	28687	97881	4.4	1.7/0.9	34860	118944	5.4	2.1/1.1
	6.7	20600	70287	2.7	1.0/0.7	24493	84104	3.2	1.1/0.7	27253	92987	3.5	1.3/0.8	33117	112997	4.3	1.6/0.9
7.2	4.4	19881	67835	3.8	1.4/0.8	23967	82298	4.6	1.7/0.9	27235	92925	5.3	2.0/1.1	33717	115041	6.5	2.7/1.3
	5.5	18935	64605	2.9	1.0/0.7	22825	78379	3.5	1.3/0.8	25938	88500	4.0	1.4/0.8	32111	109563	5.0	1.9/1.0
	6.7	17988	61375	2.3	0.8/0.7	21684	74459	2.8	1.0/0.7	24641	84075	3.2	1.1/0.7	30506	104085	3.9	1.4/0.8
8.9	4.4	16831	57428	3.3	0.8/0.6	21161	72664	4.1	1.4/0.8	24184	82517	4.7	1.7/0.9	30694	104726	5.9	2.3/1.2
	5.5	16030	54693	2.5	0.9/0.7	20154	69205	3.1	1.1/0.7	23033	78588	3.6	1.3/0.8	29232	99740	4.5	1.7/0.9
	6.7	15228	51958	2.0	0.8/0.6	19146	65743	2.5	0.9/0.7	21881	74659	2.8	1.0/0.7	27770	94753	3.6	1.3/0.8

FRESH AIR COOLING CAPACITY - 6 ROW STANDARD COIL																	
AIR Entering Temperature		35°C DB, 26°C WB															
EWT °C	WTR °C	CAP Watt				CAP Btu/h				WF m ³ /h				PD m H ₂ O			
7.2	9.1	40838				139340				3.9				2.7			

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	21688	74000	3.2	2.0								
70	20					16017	54650	1.1	1.2	30067	102590	2.0	3.0

*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

