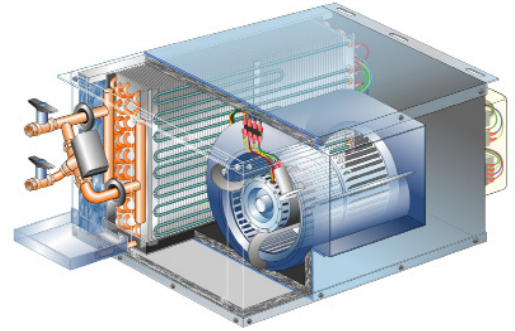


Model AHU-L SQ 10

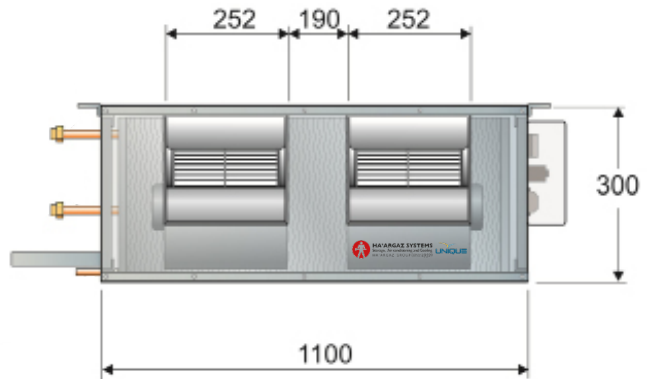
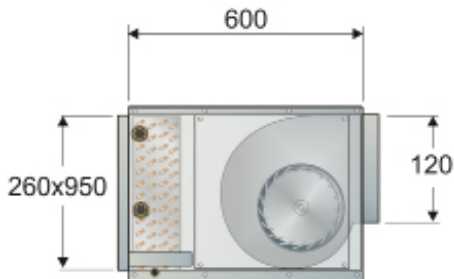
TECHNICAL DATA

Model		TYPE A	TYPE C
Air Flow (at high speed) ¹	m ³ /h	1700	
	cfm	1000	
Fan Type And Model		2x Centrifugal 7"x7"	Centrifugal 9"x9"
High Fan Speed	R.P.M	1000	850
Number of Speeds		3	3
Noise Level – H / M / L ²	dBA	37 / 33 / 29	36 / 32 / 28
Power Supply	V/Ph/Hz	230V, 1Ph, 50Hz	
Current Consumption	Amp	1.2	2.6
Weight	kg	40	40
Coil Face Area	m ²	0.27	0.27
Fins Spacing	Per Inch	12 for 4-row coil, 10 for 6-row coil	

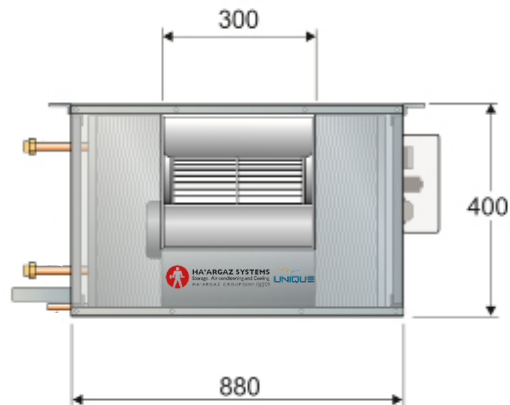
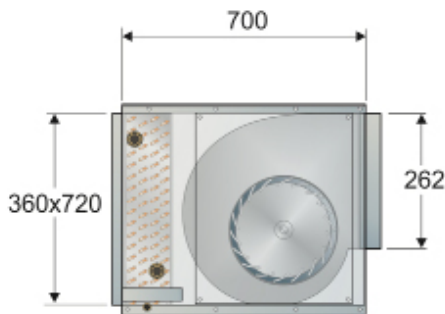


NOTES: 1. Air Flow refers to 4 row coil and 6 mm H₂O external pressure drop.
 2. Noise level refers to a ducted unit at a distance of 1.5m from the unit.

HORIZONTAL TYPE A



HORIZONTAL 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	6973	23805	1.4	2.3/2.5	8291	28305	1.6	3.0/3.	9225	31493	1.8	3.5/3.8	11210	38271	2.2	4.6/5.3
	5.5	6641	22672	1.0	1.7/1.8	7896	26956	1.2	2.0/2.2	8785	29993	1.4	2.3/2.5	10676	36448	1.6	3.1/3.4
	6.7	6309	21539	0.8	1.2/1.3	7501	25608	0.9	1.4/1.6	8346	28494	1.1	1.7/1.8	10142	34625	1.3	2.2/2.5
7.2	4.4	6088	20786	1.2	1.9/2.1	7340	25058	1.4	2.6/2.8	8340	28474	1.6	3.0/3.3	10326	35252	2.0	4.2/4.6
	5.5	5860	20007	0.9	1.3/1.4	6990	23865	1.1	1.7/1.8	7944	27120	1.2	2.1/2.3	9835	33575	1.5	2.9/3.1
	6.7	5509	18807	0.7	1.0/1.1	6641	22672	0.8	1.3/1.4	7546	25764	0.9	1.5/1.6	9343	31896	1.2	2.0/2.2
8.9	4.4	5155	17598	1.0	0.9/1.0	6481	22126	1.3	2.1/2.3	7406	25286	1.4	2.6/2.8	9400	32091	1.9	3.7/4.1
	5.5	4909	16760	0.7	1.1/1.2	6172	21072	0.9	1.4/1.5	7053	24081	1.1	1.7/1.8	8951	30560	1.4	2.3/2.6
	6.7	4664	15922	0.6	0.9/1.0	5864	20019	0.8	1.1/1.2	6702	22879	0.8	1.3/1.4	8505	29036	1.1	1.7/1.8

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	8892	30357	1.7	2.8/2.6	10572	36093	2.0	3.6/3.4	11763	40160	3.0	3.9/4.1	14295	48804	2.8	5.6/3.0
	5.5	8468	28911	1.3	1.8/1.5	10278	35090	1.5	2.2/2.2	11203	38246	2.2	2.8/2.7	13614	46480	2.1	3.6/2.2
	6.7	8045	27464	1.0	1.3/1.5	9565	32655	1.3	1.6/1.6	10643	36334	1.4	1.9/1.9	12933	44154	1.6	2.4/1.7
7.2	4.4	7764	26507	1.5	2.1/2.2	9360	31954	1.8	2.8/2.8	10636	36311	2.1	3.6/3.6	13168	44954	2.6	4.9/2.7
	5.5	7395	25246	1.2	1.5/1.5	8914	30433	1.4	1.9/1.9	10129	34582	1.5	2.4/2.3	12540	42812	2.0	3.2/2.1
	6.7	7025	23982	0.9	1.1/1.1	8468	28911	1.1	1.4/1.4	9623	32853	1.3	1.7/1.6	11913	40670	1.5	2.1/1.5
8.9	4.4	6573	22441	1.3	1.1/1.0	8265	28215	1.6	2.4/2.3	9445	32244	1.8	2.9/2.8	11986	40921	2.3	4.4/2.3
	5.5	6260	21372	0.9	1.2/1.2	7871	26871	1.2	1.6/1.6	8995	30710	1.3	1.9/1.9	11416	38973	1.8	2.8/1.8
	6.7	5947	20303	0.8	0.9/1.0	7477	25525	0.9	1.2/1.2	8545	29173	1.1	1.4/1.4	10845	37026	1.4	1.9/1.4

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	8495	28985	1.2	2.1								
70	20					6399	21835	0.4	1.2	11718	39982	0.8	2.2

*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

