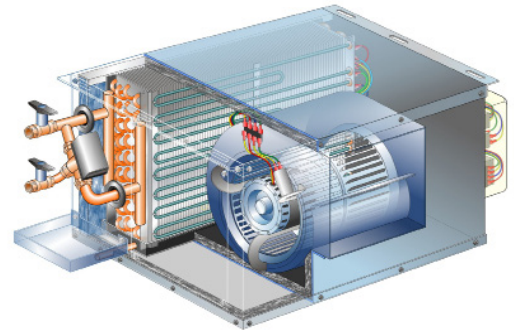


Model AHU-L SQ 06

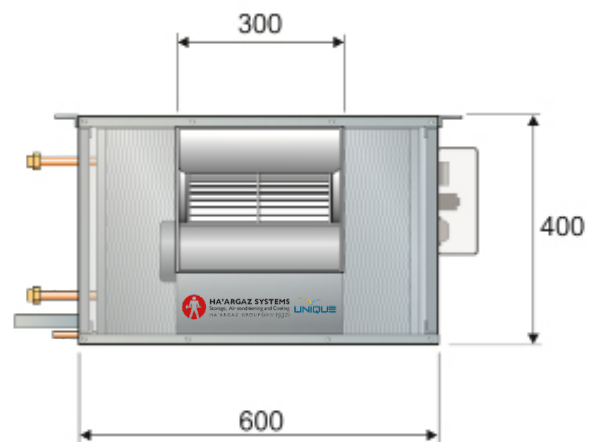
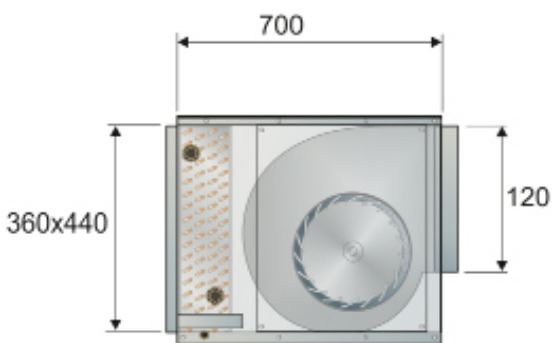
TECHNICAL DATA

Model		TYPE C
Air Flow (at high speed) ¹	m ³ /h	1020
	cfm	600
Fan Type And Model		Centrifugal 7"x7"
High Fan Speed	R.P.M	850
Number of Speeds		3
Noise Level – H / M / L ²	dBA	35 / 32 / 26
Power Supply	V/Ph/Hz	230V, 1Ph, 50Hz
Current Consumption	Amp	1.1
Weight	kg	30
Coil Face Area	m ²	0.17
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 UNIT





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 m³/h	PD m H₂O	CAP Watt	CAP Btu/h	WF m³/h	PD m H₂O	CAP Watt	CAP Btu/h	WF m³/h	PD m H₂O	CAP Watt	CAP Btu/h	WF m³/h	PD m H₂O
5.5	4.4	4312	14721	0.8	1.8	5636	19241	1.1	3.1	6677	22795	1.3	3.9	8845	30197	1.8	7.3
	5.5	4107	14021	0.6	1.2	5368	18326	0.8	2.0	6359	21710	1.1	2.5	8424	28760	1.3	4.6
	6.7	3902	13321	0.5	0.9	5099	17408	0.7	1.6	6041	20624	0.8	1.9	8003	27322	1.0	3.4
7.2	4.4	3765	12854	0.7	1.5	4990	17036	1.0	2.7	6037	20610	1.2	3.4	8147	27814	1.6	6.4
	5.5	3586	12243	0.6	1.0	4752	16223	0.7	1.7	5750	19631	0.9	2.4	7760	26493	1.2	4.3
	6.7	3407	11631	0.4	0.8	4514	15411	0.6	1.3	5462	18647	0.7	1.8	7372	25168	0.9	3.0
8.9	4.4	3188	10884	0.6	0.7	4406	15042	0.9	2.2	5361	18302	1.1	3.0	7417	25322	1.5	5.8
	5.5	3036	10365	0.4	0.8	4196	14325	0.7	1.4	5105	17428	0.8	1.9	7063	24113	1.1	3.4
	6.7	2884	9846	0.3	0.7	3986	13608	0.6	1.1	4851	16561	0.6	1.4	6711	22911	0.8	2.5

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 m³/h	PD m H₂O	CAP Watt	CAP Btu/h	WF m³/h	PD m H₂O	CAP Watt	CAP Btu/h	WF m³/h	PD m H₂O	CAP Watt	CAP Btu/h	WF m³/h	PD m H₂O
5.5	4.4	5772	19706	1.1	1.9	7398	25257	1.4	2.8	8590	29326	1.8	4.0	11100	37895	2.1	5.5
	5.5	5497	18767	0.8	1.2	7046	24055	1.0	1.9	8181	27930	1.3	2.7	10571	36089	1.6	4.1
	6.7	5222	17828	0.7	0.9	6693	22850	0.9	1.5	7772	26534	1.1	1.8	10042	34283	1.2	3.2
7.2	4.4	5040	17207	1.0	1.5	6550	22362	1.3	2.5	7767	26517	1.6	3.5	10224	34905	2.0	5.0
	5.5	4800	16387	0.7	1.0	6238	21297	1.0	1.6	7397	25253	1.2	2.3	9737	33242	1.5	3.9
	6.7	4560	15568	0.6	0.7	5926	20231	0.7	1.3	7027	23990	1.0	1.7	9250	31580	1.2	3.0
8.9	4.4	4267	14568	0.8	0.7	5783	19743	1.1	2.0	6897	23546	1.4	2.8	9307	31774	1.8	4.6
	5.5	4063	13871	0.6	0.8	5508	18804	0.8	1.3	6569	22427	1.0	1.8	8864	30262	1.3	3.4
	6.7	3860	13178	0.5	0.7	5232	17862	0.6	1.0	6240	21303	0.9	1.4	8421	28749	1.1	2.8

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 m³/h	PD m H₂O	CAP Watt	CAP Btu/h	WF m³/h	PD m H₂O	CAP Watt	CAP Btu/h	WF m³/h	PD m H₂O
45	5	5989	20435	0.9	2.9								
70	20					4642	15840	0.3	1.9	8030	27400	0.5	1.8

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

