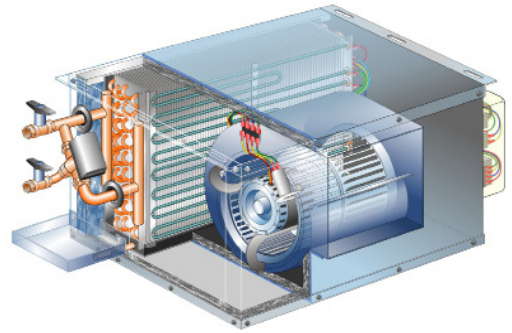


Model AHU-L 40

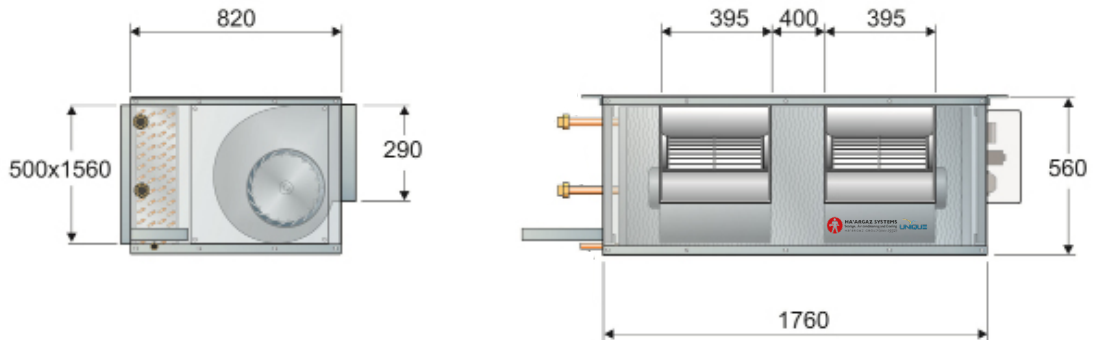
TECHNICAL DATA

Model		TYPE A
Air Flow (at high speed) ¹	m ³ /h	6800
	cfm	4000
Fan Type And Model		2x Centrifugal 12"x12"
High Fan Speed	R.P.M	900
Number of Speeds		3
Noise Level ²	dBA	54
Power Supply	V/Ph/Hz	230V, 1Ph, 50Hz
Current Consumption	Amp	9.2
Weight - Horizontal/Vertical	kg	141/145
Coil Face Area	m ²	0.75
Fins Spacing	Per Inch	12 for 4-row coil, 10 for 6-row coil

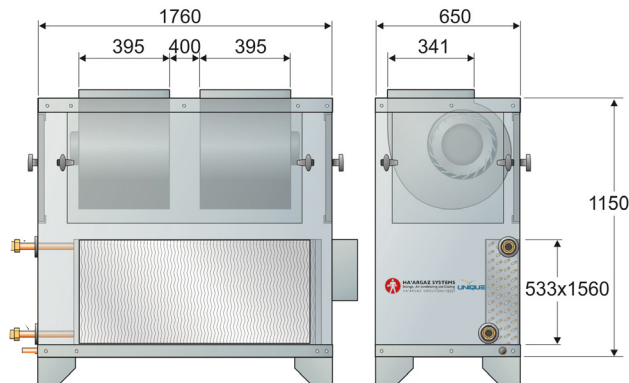


NOTES: 1. Air Flow refers to 4 row coil and 6 mm H₂O external pressure drop.
 2. Noise level refers to a ducted unit at a distance of 1.5m from the unit.

HORIZONTAL UNIT



VERTICAL 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 H ₂ O	CAP Watt	CAP Btu/h	WF m³/h	PD m H ₂ O	CAP Watt	CAP Btu/h	WF m³/h	PD m H ₂ O	CAP Watt	CAP Btu/h	WF m³/h	PD m H ₂ O
5.5	4.4	32489	110917	6.3	2.6	38629	131879	7.5	3.4	42982	146741	8.3	3.9	52231	178317	10.1	4.9
	5.5	30942	105636	4.8	1.9	36790	125601	5.7	2.3	40935	139752	6.3	2.6	49744	169826	7.7	3.5
	6.7	29395	100355	3.8	1.5	34950	119319	4.5	1.7	38888	132764	5.0	2.0	47257	161335	6.1	1.7
7.2	4.4	28369	96852	5.5	2.2	34199	116755	6.6	2.9	38862	132675	7.5	3.3	48111	164251	9.3	4.7
	5.5	27019	92243	4.2	1.5	32570	111194	5.0	2.0	37012	126359	5.7	2.3	45821	156433	7.1	3.2
	6.7	25668	87631	3.3	1.2	30942	105636	4.0	1.5	35161	120040	4.5	1.7	43530	148611	5.6	2.3
8.9	4.4	24017	81994	4.7	1.0	30196	103089	5.9	2.4	34510	117817	6.7	2.9	43798	149526	8.5	4.1
	5.5	22873	78088	3.5	1.3	28758	98180	4.4	1.7	32866	112205	5.0	2.0	41712	142405	6.5	2.7
	6.7	21729	74183	2.8	1.0	27320	93270	3.5	1.3	31223	106595	4.0	1.5	39627	135287	5.1	2.0

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 H ₂ O	CAP Watt	CAP Btu/h	WF m³/h	PD m H ₂ O	CAP Watt	CAP Btu/h	WF m³/h	PD m H ₂ O	CAP Watt	CAP Btu/h	WF m³/h	PD m H ₂ O
5.5	4.4	36506	124632	7.9	2.1	43407	148190	9.3	2.7	48297	164887	10.4	3.0	58690	200369	12.6	4.1
	5.5	34768	118698	6.0	1.5	41339	141130	7.1	1.9	45997	157034	7.9	2.2	55895	190826	9.6	2.8
	6.7	33030	112764	4.7	1.1	39272	134075	5.6	1.5	43698	149183	6.3	1.6	53100	181283	7.6	2.0
7.2	4.4	31877	108829	6.9	1.8	38428	131194	8.3	2.3	43669	149084	9.4	2.7	54062	184566	11.6	3.7
	5.5	30360	103650	5.2	1.4	36598	124947	6.3	1.6	41589	141985	7.2	1.9	51487	175777	8.9	2.5
	6.7	28842	98467	4.1	1.0	34768	118698	5.0	1.2	39509	134883	5.7	1.5	48912	166985	7.0	1.8
8.9	4.4	26987	92132	5.8	0.9	33930	115837	7.3	2.0	38778	132387	8.3	2.3	49214	168016	10.6	3.2
	5.5	25702	87748	4.4	1.1	32314	110320	5.6	1.4	36931	126083	6.4	1.7	46870	160014	8.1	2.2
	6.7	24417	83360	3.5	0.9	30699	104807	4.4	1.1	35085	119779	5.0	1.3	44527	152014	6.4	1.7

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 m³/h				PD m H ₂ O			
7.2	8.6	68362				233251				6.8				3.0			

HEATING CAPACITY													
		4 Row Coil				1 Row Coil				2 Row Coil			
AIR Entering Temperature		21 °C											
EWT °C	WTD °C	CAP Watt	CAP Btu/h	WF m³/h	PD m H ₂ O	CAP Watt	CAP Btu/h	WF m³/h	PD m H ₂ O	CAP Watt	CAP Btu/h	WF m³/h	PD m H ₂ O
45	5	35560	121330	5.7	2.7								
70	20					28212	96260	1.8	2.5	45668	155820	3.1	1.2

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

