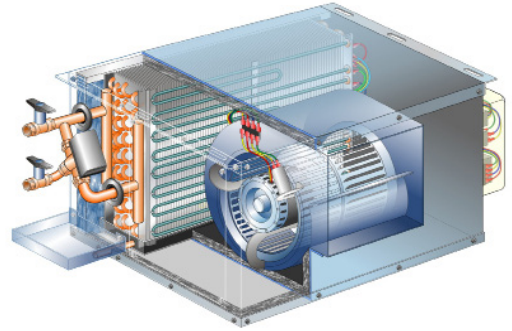


Model AHU-L 45

סוזוקי

TECHNICAL DATA

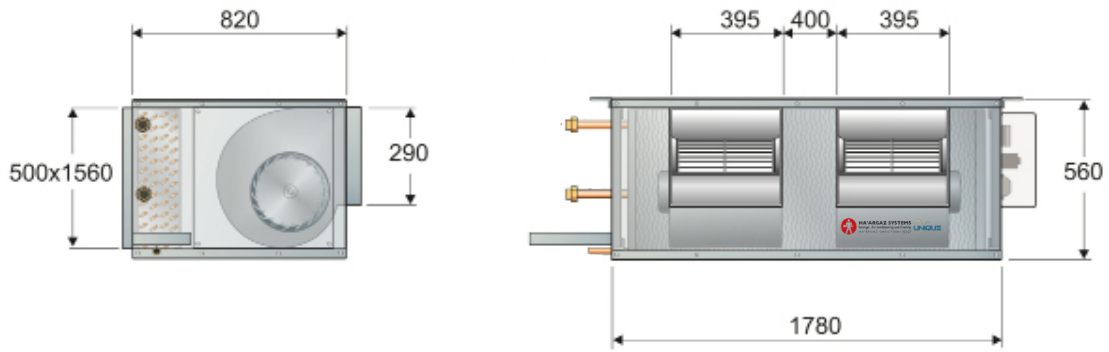
Model	TYPE A	
Air Flow (at high speed) ¹	m ³ /h	7650
	cfm	4500
Fan Type And Model	2x Centrifugal 12"x12"	
High Fan Speed	R.P.M	900
Number of Speeds	3	
Noise Level ²	dBA	54
Power Supply	V/Ph/Hz	230V, 1Ph, 50Hz
Current Consumption	Amp	9.2
Weight - Horizontal/Vertical	kg	162/175
Coil Face Area	m ²	0.84
Fins Spacing	Per Inch	12 for 4-row coil, 10 for 6-row coil



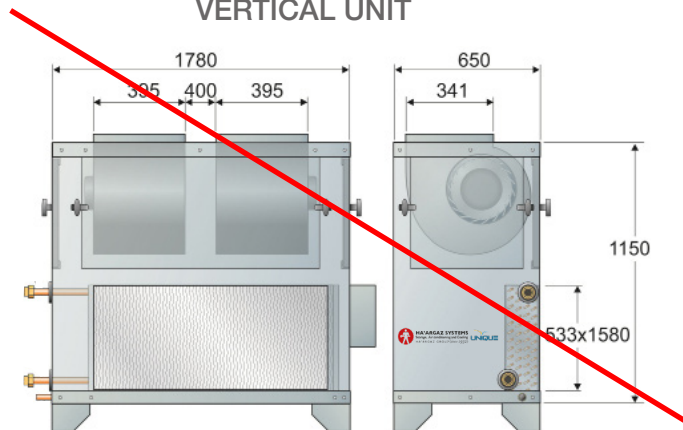
יחידה צבועה
גוף חימום 12KW
ברז פרופ' דו דרכי+ק.חשמל

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	34603	118064	6.7	2.6	41142	140378	8.0	3.4	45778	156195	8.9	3.9	55629	189806	10.8	4.9
	5.5	32955	112442	5.1	1.9	39183	133693	7.2	2.3	43598	148757	6.8	2.6	52980	180768	8.2	3.5
	6.7	31307	106820	4.0	1.5	37224	127008	4.8	1.7	41418	141319	5.3	2.0	50331	171730	6.5	1.7
7.2	4.4	30215	103094	5.9	2.2	36424	124278	7.1	2.9	41351	141225	8.0	3.3	51242	174837	9.9	4.7
	5.5	28776	98185	4.5	1.5	34689	118360	6.4	2.0	39420	134500	6.1	2.3	48802	166511	7.6	3.2
	6.7	27338	93276	3.5	1.2	32955	112442	4.3	1.5	37449	127775	4.8	1.7	46362	158185	6.0	2.3
8.9	4.4	25579	87277	5.0	1.0	32161	109732	6.2	2.4	36755	125408	7.1	2.9	46647	159161	9.0	4.1
	5.5	24361	83121	3.8	1.3	30629	104507	5.6	1.7	35005	119436	5.4	2.0	44426	151582	6.9	2.7
	6.7	23143	78965	3.0	1.0	29098	99281	3.8	1.3	33254	113464	4.3	1.5	42205	144002	5.4	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	41009	139921	7.9	2.1	48759	166366	9.4	2.7	54253	185111	10.5	3.0	65928	224945	12.8	4.1
	5.5	39056	133258	6.1	1.5	46437	158444	7.2	1.9	51670	176296	8.0	2.2	62788	214234	9.7	2.8
	6.7	37103	126595	4.8	1.1	44115	150521	5.7	1.5	49086	167482	6.3	1.6	59649	203522	7.7	2.0
7.2	4.4	35809	122180	6.9	1.8	43167	147286	8.4	2.3	49053	167370	9.5	2.7	60728	207204	11.8	3.7
	5.5	34104	116362	5.3	1.4	41111	140272	6.4	1.6	46717	159400	7.2	1.9	57836	197337	9.0	2.5
	6.7	32399	110544	4.2	1.0	39056	133258	5.0	1.2	44382	151430	5.7	1.5	54944	187470	7.1	1.8
8.9	4.4	30315	103435	5.9	0.9	38114	130046	7.4	2.0	43559	148625	8.4	2.3	55283	188626	10.7	3.2
	5.5	28871	98509	4.5	1.1	36299	123854	5.6	1.4	41485	141547	6.4	1.7	52651	179644	8.2	2.2
	6.7	27428	93584	3.5	0.9	34484	117661	4.5	1.1	39411	134470	5.1	1.3	50018	170662	6.5	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	8.4	77912				265837				8.0				3.6			

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 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	40023	136560	6.1	2.4								
70	20					28649	97749	2.0	1.2	52110	177800	3.5	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

