

WAHU SERIES

Wongso Air Handling Unit

WONGSO
AIR COND & REFRIGERATION



Wongso Air Handling Unit (WAHU Series) has cooling capacity from 50,000 Btu/hr until 1,700,000 Btu/hr. WAHU Series has air flow range from 1,500 CFM until 37,000 CFM.

This unit is designed to a high engineering standard to provide the requirements of ventilation, heating, cooling, de-humidification and air distribution to a conditioned space. Air Handling Units are applicable for indoor and outdoor installation and they are ideal for large halls, schools, offices, banks, workshops, laboratories, restaurants, cinemas, hospitals, department stores, mosques and super markets, etc.

***Competent
solution for all
commercial air
conditioning.***

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Model			WAHU 01	WAHU 02	WAHU 03	WAHU 04	WAHU 05	WAHU 06	WAHU 07	WAHU 08	WAHU 09	WAHU 10
Total Cooling Capacity *)	4 Rows	Btu/h	50,000	100,000	140,000	275,000	420,000	470,000	560,000	730,000	830,000	1,135,000
		kW	14.65	29.31	41.03	80.60	123.09	137.75	164.13	213.95	243.26	332.65
	6 Rows	Btu/h	90,000	140,000	190,000	360,000	560,000	625,000	700,000	925,000	1,000,000	1,500,000
		kW	26.38	41.03	55.69	105.51	164.13	183.18	205.16	271.10	293.08	439.62
	8 Rows	Btu/h	100,000	160,000	220,000	420,000	640,000	700,000	820,000	1,000,000	1,200,000	1,700,000
		kW	29.31	46.89	64.48	123.09	187.57	205.16	240.33	293.08	351.70	498.24
Airflow	@2,0 m/s	CFM	1,720	2,455	3,191	6,345	9,587	10,652	12,454	16,185	18,101	27,193
		m³/h	2,925	4,175	5,427	10,791	16,304	18,115	21,181	27,525	30,784	46,246
	@2,3 m/s	CFM	1,978	2,823	3,670	7,297	11,025	12,249	14,323	18,612	20,816	31,272
		m³/h	3,364	4,801	6,241	12,410	18,750	20,832	24,358	31,654	35,402	53,183
	@2,5 m/s	CFM	2,150	3,069	3,989	7,931	11,983	13,315	15,568	20,231	22,626	33,991
		m³/h	3,656	5,219	6,784	13,489	20,380	22,644	26,476	34,406	38,480	57,808
	@2,8 m/s	CFM	2,408	3,437	4,468	8,883	13,421	14,912	17,436	22,659	25,341	38,070
		m³/h	4,095	5,845	7,598	15,107	22,826	25,361	29,653	38,535	43,098	64,744
Dimension	Length	mm	1140	1140	1140	1500	1500	1850	2250	2250	2600	2600
	Width	mm	1100	1300	1500	1850	2260	2260	2600	2600	2900	3700
	Height	mm	660	860	1060	1160	1400	1600	1600	1950	1950	2400

Specification and design subject to change without notice for improvement.

*) Rated Conditions: Cooling coil air inlet temperature 26,7 °C / 50%, Air flow @2.5 m/s velocity

*) Capacity @7/12 °C inlet / outlet chilled water temperature

*) Indoor Blower Belt Drive Centrifugal Forward - NICOTRA - Malaysia

*) Motor TECO

*) Panel thickness 25mm (double skinned)