

WRT SERIES

Wongso Rooftop Package

WONGSO
AIR COND & REFRIGERATION



Wongso Rooftop Package (WRT Series) has cooling capacity from 80,000 Btu/hr until 300,000 Btu/hr. WRT Series is designed to address today's comfort demands, superior indoor air quality, straightforward installation and minimized energy consumption.

Dedicated digital controls enable the use of building management systems to allow for efficient operation and system monitoring to ensure performance to design.

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

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WRT SERIES

SPECIFICATION DATA

Model			WRT8	WRT10	WRT12	WRT15	WRT20	WRT25	WRT30
Total Cooling Capacity *)		Btu/h	75,000	100,000	125,000	150,000	200,000	250,000	300,000
		kW	22	29	37	44	59	73	88
Running Current		A	20.7	24.4	28.2	33.2	45.8	54.3	67.9
Total Power Consumption		kW	9.3	11.3	14.1	16.7	24.2	29.0	34.2
Refrigerant			R410a						
Compressor	Type		Hermetic Scroll						
	Voltage	V / Ph / Hz	380 - 415 / 3 / 50						
	Rated Load Ampere	A	14.3	18	21	26	2 x 18	2 x 21	2 x 26
	Protection Device		Overload Protection with Hi/Low Pressure Switch & Phase Protector						
Outdoor Coil	Type		Air Cooled Condenser						
	Fin Material		Hydrophilic Aluminium Blue Epoxy Coating						
	Tube Material		Seamles Copper Inner groved Tube						
Refrigerant Circuit			1				2		
Indoor Coil	Fin Material		Aluminium Fin						
	Tube Material		Seamles Copper Inner groved Tube						
	Refrigerant Control		Thermostatic Expansion Valve						
	Face Area	m2	0.54		1.0		1.2	1.7	
		ft2	5.81		10.76		12.91	17.75	
Outdoor Fan	Type		Axial Fan with External Rotor Motor						
	Brand		ZIEHL-ABEGG / EBM-PAPST- Germany						
	Airflow	CFM	6,800	6,600	9,600	10,700	10,600	12,900	18,800
		m3/h	11,600	11,200	16,300	18,200	18,000	22,000	32,000
	Power Input	kW	0.6	0.6	1.8	1.9	1.9	2 x 0.6	2 x 1.9
	Rated Load Ampere	A	1.4	1.4	3.2	3.2	3.2	2 x 1.4	2 x 3.2
Indoor Fan	Type		Direct Drive Centrifugal - Forward			Belt Drive Centrifugal - Forward			
	Brand	Motor	FASCO - Thailand			TECO - Taiwan			
		Blower	NICOTRA - Malaysia						
	Voltage	V / Ph / Hz	220 - 240 / 1 / 50			380 - 415 / 3 / 50			
	Rated Load Ampere	A	2 x 2.5		4		6.6	9.5	
	Airflow	CFM	2,500	3,300	4,200	5,000	6,700	8,300	10,000
		m3/h	4,200	5,500	7,000	8,300	11,200	13,900	16,700
	External Static Pressure	Pa	100	100	150	150	200	200	200
		In WG	0.4	0.4	0.6	0.6	0.8	0.8	0.8
Condensate Drain Size		Inch	1						
Air Filter			Washable Synthetic Filter						
Dimension	Length	mm	2000	2000	2100	2100	2720	2720	2720
	Width	mm	1040	1040	1540	1540	1860	1860	1860
	Height	mm	1050	1050	1050	1050	1280	1280	1280
Appx. Unit Weight		kg	290	300	393	450	614	721	831

Specification and design subject to change without notice for improvement.

*) Rated Conditions: Indoor 27 °C DB, 19 °C WB, Outdoor 35 °C



ebm papst

ZIEHL-ABEGG



NICOTRA Gebhardt

www.wongsocool.com