

WONGSO DUCTED SPLIT PACKAGE R410A (WDP Series)



Indoor Unit
(WDS Series)



Outdoor Unit
(WCU Series)



Model	Indoor	WDS8	WDS10	WDS12	WDS15	WDS20	WDS25	WDS30	WDS35	WDS40	WDS45	WDS50	WDS60	WDS75					
	Outdoor	WCU8	WCU10	WCU12	WCU15	WCU20	WCU25	WCU30	WCU10 x 1 WCU12 x 1	WCU20 x 2	WCU15 x 3	WCU25 x 2	WCU30 x 2	WCU25 x 3					
Total Cooling Capacity *)	Btu/h	75,000	100,000	125,000	150,000	200,000	250,000	300,000	350,000	400,000	450,000	500,000	600,000	750,000					
	kW	21.97	29.29	36.61	43.94	58.58	73.23	87.87	102.52	117.16	131.81	146.46	175.75	219.68					
Running Current	A	20.99	24.70	26.74	31.66	45.98	54.98	64.80	77.20	95.00	99.00	113.10	132.80	166.80					
Total Power Consumption	kW	9.30	11.30	14.10	16.70	24.20	29.00	34.20	40.60	50.00	52.20	59.60	69.90	87.80					
Refrigerant	R410a																		
INDOOR UNIT (WDS Series)																			
Coil Evaporator	Finned & Tubes Coil (Aluminum Fins on Inner Grooved Copper Tubes)																		
Refrigerant Control	Thermostatic Expansion Valve																		
Refrigerant Circuit	1				2				4		3		4		6				
Blower & Motor	Type	Direct Drive Centrifugal - Forward				Belt Drive Centrifugal - Forward													
	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		12		16.1		22.2		30.5	
	Airflow	CFM	2,500	3,300	4,200	5,000	6,700	8,300	10,000	11,700	13,300	15,000	16,700	20,000	25,000				
		m ³ /h	4,200	5,500	7,000	8,300	11,200	13,900	16,700	19,500	22,200	25,000	27,900	33,400	41,700				
External Static Pressure	Pa	100	100	150	150	200	200	200	200	200	250	250	300	375					
	In WG	0.4	0.4	0.6	0.6	0.8	0.8	0.8	0.8	0.8	1.0	1.0	1.2	1.5					
Face Area	m ²	0.54		1.0		1.2		1.7		2.6		3.4		4.0					
	ft ²	5.81		10.76		12.91		17.75		27.76		36.91		42.72					
Refrigerant Pipe Connection	Liquid	Inch 5/8			3/4		2 x 5/8		2 x 3/4		3 x 5/8		4 x 5/8		4 x 3/4		6 x 5/8		
	Suction	Inch 1 1/8			1 3/8		2 x 1 1/8		2 x 1 3/8		3 x 1 1/8		4 x 1 1/8		4 x 1 3/8		6 x 1 1/8		
Dimension	Length	mm 1400		1540		1790		1790		2165		2205		2205					
	Width	mm 595		850		850		1070		1400		1773		1773					
	Height	mm 535		850		850		1180		1440		1864		2148					
Unit Weight	kg	125	130	210	215	255	355	365	385	575	610	645	895	960					
Condensate Drain Size	Inch	1																	
Air Filter	Washable Synthetic Filter																		
OUTDOOR UNIT (WCU Series)																			
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	18 + (2 x 21)	4 x 18	3 x 26	4 x 21	4 x 26	6 x 21			
	Protection Device	Overload Protection with Hi/Low Pressure Switch & Phase Protector																	
Condenser	Air Cooled Condenser																		
Fan	Type	Axial Fan with External Rotor Motor																	
	Rated Load Ampere	A		1.4	1.4	1.4	3.2	3.2	2 x 1.4	2 x 3.2	2 x 1.4	2 x 3.2	3 x 3.2	4 x 1.4	4 x 3.2	6 x 1.4			
Dimension	Length	mm 1114		1114		2100		1114		2100		1114		2100					
	Width	mm 933		933		983		933		983		933		983					
	Height	mm 948		948		980		948		980		948		980					
Appx. Unit Weight	kg	170	180	185	235	360	370	470	180 + 185	2 x 360	3 x 235	2 x 370	2 x 470	3 x 370					

Specification and design subject to change without notice for improvement.

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