

DUCT TYPE HEAT PUMPS



WIDPF5



**50
Hz**

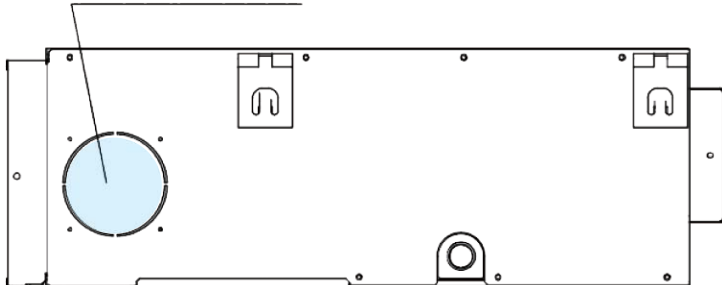
R-410A

WCUPF

FEATURES:

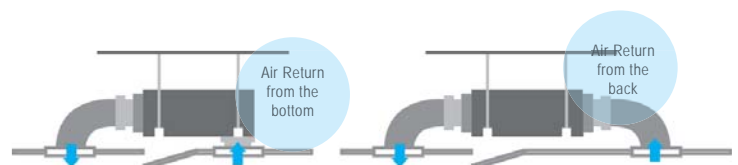
Fresh Air

Fresh air hole as standard for easy connection.



Flexible Air Return

The air return from the back as standard and bottom return as option. The size of the plate from the bottom and flange from the back is the same. It is easy for installer to change the position on-site.



Technical Specifications: Indoor Unit

Model Number		WIDPF5-12EA4B	WIDPF5-18EA4E	WIDPF5-24EA4E	WIDPF5-36EA4E	WIDPF5-48EA4E	WIDPF5-60EA4E	
Matching Outdoor Model		WCUPF-12E4	WCUPF-18E4	WCUPF-24E4	WCUPF-36E4	WCUPF-48G4	WCUPF-60G4	
Power Supply		V-ph-Hz	220~240-1-50	220~240-1-50	220~240-1-50	220~240-1-50	380~420-3-50	380~420-3-50
Cooling	Capacity	Btu/h	11700	17500	23500	36000	48000	55000
	Input	W	1160	2100	2790	4090	5540	6550
	Current	A	5.3	11.0	13	18.7	9.6	11.3
	EER	W/W	3.0	2.4	2.5	2.6	2.5	2.5
Heating	Capacity	Btu/h	13000	18500	25500	39600	55000	60000
	Input	W	1150	1810	2450	3450	4570	5460
	Current	A	5.3	8.2	11.8	15.8	7.9	7.9
	COP	W/W	3.3	3.0	3.1	3.4	3.5	3.2
Air Flow (H / M / L)		m ³ /h	800/610/520	1170/770/650	1400/1100/1000	2270/1890/1650	3010/2410/1940	3150/2510/1990
External Static Pressure (Hi)		Pa	40	70	70	80	100	100
Noise Level (Hi/Med/Lo)		dB(A)	43/37/31	44/37/33	44/37/34	46/38/35	50/45/40	47/40/38
Indoor Unit	Dimension (WxDxH)	mm	700 x 635 x 210	920 x 635 x 210	920 x 635 x 270	1140 x 775 x 270	1200 x 865 x 300	1200 x 865 x 300
	Packings(WxDxH)	mm	915 x 655 x 290	1135 x 655 x 290	1135 x 655 x 350	1355 x 795 x 350	1385 x 920 x 373	1385 x 920 x 373
	Net/Gross Weight	kg	20/25	24/28	26.5/32	36.5/44	44.5/53	47/55
Drainage Pipe		mm	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25
Refrigerant Pipe	Liquid Side	mm	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas Side	mm	Φ12.7	Φ12.7	Φ15.9	Φ19	Φ19	Φ19
Controller		Type	Wired	Wired	Wired	Wired	Wired	Wired

Technical Specifications: Outdoor Unit

Model		WCUPF-12E4	WCUPF-18E4	WCUPF-24E4	WCUPF-36E4	WCUPF-36G4	WCUPF-48G4	WCUPF-60G4
Power supply		V-ph-Hz	220~240-1-50	220~240-1-50	220~240-1-50	220~240-1-50	380~420-3-50	380~420-3-50
Max. Input Consumption		W	1740	2950	3450	4950	4950	6300
Max. Input Current		Amps.	8.5	15	18	30	10	12
Compressor	Type		Rotary	Rotary	Rotary	Scroll	Scroll	Scroll
	R. L. A.	Amps.	5.37	8.5	11.65	18.1	6.58	8.22
	L. R. A.	Amps.	26.7	40	66	97	48	/
Fan Motor	Qty		1	1	1	1	1	2
	Input	W	63	110	167	290	290	290
Noise Level		dB(A)	55	58	59	61	61	63
Expansion Type			Capillary	Capillary	Capillary	Capillary	Capillary	Capillary
Outdoor Unit	Dimension (WxDxH)	mm	780 x 250 x 540	760 x 285 x 590	845 x 320 x 700	990 x 345 x 965	990 x 345 x 965	990 x 345 x 965
	Packing (WxDxH)	mm	910 x 335 x 585	887 x 355 x 645	965 x 395 x 755	1120 x 435 x 1100	1120 x 435 x 1100	1120 x 435 x 1100
	Net/Gross Weight	kg	28/30	37/39	48/54.5	84.5/94.5	81/92	90/95
Refrigerant	Type		R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
	Charged	kg	0.96	1.4	1.8	2.6	2.4	2.8
Design Pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5
Refrigerant Piping	Liquid Side	mm	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas Side	mm	Φ12.7	Φ12.7	Φ15.9	Φ19	Φ19	Φ19
	Max. Length	m	15	25	25	30	30	50
	Max. Height	m	8	15	15	20	20	25
Ambient Temperature	Cooling	°C	18~43	18~43	18~43	18~43	18~43	18~43
	Heating	°C	-7~24	-7~24	-7~24	-7~24	-7~24	-7~24

Specifications and illustrations subject to change without notice and without incurring obligations.

Optional Accessories:



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