

B: INDOOR UNITS



INDOOR UNIT STYLE			WALL MOUNTED DUCTLESS			
Model			WS009GMFI22HLD	WS012GMFI22HLD	WS018GMFI22HLD	WS024GMFI22HLD
Product Code			22022011004687	22022011004161	22022011004162	22022011004100
Power supply		V-ph-Hz	208-230~1-60	208-230~1-60	208-230-1-60	208-230-1-60
Cooling	Capacity	Btu/h	9000	12000	18000	24000
	SEER		22.8	21.5	21.0	20.5
	EER	Btu/W	12.5	12.5	8.0	9.3
Heating	Capacity	Btu/h	9000	12000	18000	24000
	HSPF4		10.5	11.0	10.0	11.0
Indoor fan motor	Model		ZKFP-20-8-6	ZKFP-20-8-6	ZKFP-58-8-1	ZKFN-120-8-2
	Qty		1	1	1	1
	Power	W	20(Output)	20(Output)	58(Output)	120(Output)
	RLA	A	0.9	1	1.5	2
	Speed	r/min	1080/850/700	1080/850/650	1000/800/700	1100/900/700
Indoor air flow (Hi/Med/Lo)		m ³ /h	450 / 348 / 240	520 / 360 / 250	950 / 620 / 520	1050 / 800 / 550
Indoor air flow (Hi/Med/Lo)		CFM	265 / 205 / 141	306 / 212 / 147	559 / 365 / 306	617 / 471 / 324
Indoor noise level (Hi/Med/Low)		dB(A)	39 / 24.5	39 / 25	45.5 / 34.5	50 / 35.5
Indoor unit	Dimension (WxDxH)	mm	802 x 189 x 297	802 x 189 x 297	1080 x 226 x 335	1080 x 226 x 335
	Dimension (WxDxH)	inch	31"-1/2 x 7"-1/2 x 11"-5/8	31"-1/2 x 7"-1/2 x 11"-5/8	42"-1/2 x 8"-7/8 x 13"-1/8	42"-1/2 x 8"-7/8 x 13"-1/8
	Packing(WxDxH)	mm	875 x 285 x 375	875 x 285 x 375	1155 x 415 x 315	1155 x 415 x 315
	Packing(WxDxH)	inch	34"-1/2 x 11"-1/4 x 14"-3/4	34"-1/2 x 11"-1/4 x 14"-3/4	45"-1/2 x 16"-3/8 x 12"-1/2	45"-1/2 x 16"-3/8 x 12"-1/2
	Net/Gross weight	kg	8.2 / 10	8.2 / 10	13.2 / 16.8	13.2 / 16.8
	Net/Gross weight	lbs.	18 / 22	18 / 22	29 / 37	29 / 37
Design pressure		PSIG	550 / 340 PSIG	550 / 340 PSIG	550 / 340 PSIG	550 / 340 PSIG
Drainage water pipe diameter		mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25
	Inch		1"	1"	1"	1"
Refrigerant piping	Liquid side/ Gas side	mm	Φ 6.35 / Φ 9.52	Φ 6.35 / Φ 12.7	Φ 6.35 / Φ 12.7	Φ 9.52 / Φ 15.9
		Inch.	Φ 1/4" / Φ 3/8"	Φ 1/4" / Φ 1/2"	Φ 1/4" / Φ 1/2"	Φ 3/8" / Φ 5/8"
Controller			LCD Wired Remote	LCD Wired Remote	LCD Wired Remote	LCD Wired Remote
Room temperature	Cooling	°C	17~32	17~32	17~32	17~32
	Cooling	°F	62~90	62~90	62~90	62~90
	Heating	°C	0~30	0~30	0~30	0~30
	Heating	°F	32~86	32~86	32~86	32~86
Operation temperature		°C	17~30	17~30	17~30	17~30
		°F	62~86	62~86	62~86	62~86



INDOOR UNIT STYLE			CEILING CONCEALED (RECESSED) DUCTED			
Model			RB009GMFILDHFD	RB012GMFILDHFD	RB018GMFILDHFD	RB024GMFILDHFD
Product Code			22023011000630	22023011000631	22023011000632	22023011000633
Power supply		V-ph-Hz	208-230~1-60	208-230~1-60	208-230~1-60	208-230~1-60
Cooling	Capacity	Btu/h	9000 (3000~11300)	12000 (4100~12100)	18000 (6400~18800)	24000 (11000~24400)
	SEER		20.5	21.5	19	21.5
	EER	Btu/W	13.5	12.5	12.5	12.5
Heating	Capacity	Btu/h	10000 (4800~13900)	12000 (3600~12100)	18000 (6000~18900)	24400 (10200~29400)
	HSPF4		11.5	11.5	10.5	11
Indoor fan motor	Model		ZKFN-55-8-22	ZKFN-55-8-22	ZKFN-160-8-1-2	ZKFN-160-8-1-2
	Qty		1	1	1	1
	Power	W	90	90	130	130
	RLA	A	1.11	1.11	1.2	1.2
	Speed	r/min	1170 / 1030 / 850	1170 / 1030 / 850	850 / 700 / 450	920 / 750 / 500
Indoor air flow (Hi/Med/Lo) (No duct)		m ³ /h	600 / 480 / 300	600 / 480 / 300	900 / 765 / 630	1320 / 1180 / 740
Indoor air flow (Hi/Med/Lo) (No duct)		CFM	355 / 285 / 175	355 / 285 / 175	530 / 450 / 370	775 / 695 / 435
External Static Pressure (Range)		Pa	0~40	0~40	0~100	0~160
	Inch WC		0~0.16	0~0.16	0~0.40	0~0.63
Indoor noise level (Hi/Med/Low)		dB(A)	35.5 / 30.5 / 27.5	37.5 / 33.0 / 27.5	41.5 / 38.5 / 36	44.0 / 41.0 / 34.0
Indoor unit	Dimension (WxDxH)	mm	700 x 450 x 200	700 x 450 x 200	880 x 674 x 210	1100 x 774 x 249
	Dimension (WxDxH)	inch	27"-1/2 x 17"-3/4 x 7"-7/8	27"-1/2 x 17"-3/4 x 7"-7/8	34"-5/8 x 26"-1/2 x 8"-1/2	43"-3/8 x 30"-1/2 x 9"-3/4
	Packing(WxDxH)	mm	860 x 540 x 285	860 x 540 x 285	1070 x 725 x 280	1305 x 805 x 315
	Packing(WxDxH)	inch	33"-7/8 x 21"-1/4 x 10"-7/8	33"-7/8 x 21"-1/4 x 10"-7/8	42"-1/8 x 28"-1/2 x 10"-5/8	51"-3/8 x 31"-5/8 x 12"
	Net/Gross weight	kg	17.7 / 21.9	17.7 / 21.9	23.8 / 29.5	39.5 / 46.7
	Net/Gross weight	lbs.	39/48	39/48	53/65	87 / 103
Design pressure		PSIG	550 / 340 PSIG	550 / 340 PSIG	550 / 340 PSIG	550 / 340 PSIG
Drainage water pipe diameter		mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25
	Inch		1"	1"	1"	1"
Refrigerant piping	Liquid side/ Gas side	mm	Φ 6.35 / Φ 9.52	Φ 6.35 / Φ 12.7	Φ 6.35 / Φ 12.7	Φ 9.52 / Φ 15.9
		Inch.	Φ 1/4" / Φ 3/8"	Φ 1/4" / Φ 1/2"	Φ 1/4" / Φ 1/2"	Φ 3/8" / Φ 5/8"
Controller			LCD Wired Remote	LCD Wired Remote	LCD Wired Remote	LCD Wired Remote
Room temperature	Cooling		17~32	17~32	17~32	17~32
	Cooling		62~90	62~90	62~90	62~90
	Heating		0~30	0~30	0~30	0~30
	Heating		32~86	32~86	32~86	32~86
Operation temperature			17~30	17~30	17~30	17~30
			62~86	62~86	62~86	62~86

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INDOOR UNIT STYLE			CEILING CASSETTE DUCTLESS			
Model			CB009GMFILCFHD	CB012GMFILCFHD	CB018GMFILCFHD	CB024GMFILCFHD
Product Code			22022511000703	22022511000710	22022511000711	22022511000481
Power supply	V-ph-Hz		208-230-1-60	208-230-1-60	208-230-1-60	208-230-1-60
Cooling	Capacity	Btu/h	9000	12000	18000	24000
	SEER		20	21.5	20	20
	EER	Btu/W	13	14	12.5	12.5
Heating	Capacity	Btu/h	10000	12000	18000	24400
	HSPF4		10.5	10.5	10.3	10.5
Indoor fan motor	Model		ZKFP-46-8-1	ZKFP-46-8-1	ZKFP-46-8-1	ZKFP-42-8-1
	Qty		1	1	1	1
	Power	W	46(Output)	46(Output)	46(Output)	42
	RLA	A	0.9	1	1.5	2
	Speed	r/min	600 / 520 / 460	680 / 580 / 500	730 / 630 / 570	600 / 520 / 450
	Indoor air flow (Hi/Med/Lo)	m ³ /h	635 / 511 / 437	644 / 525 / 443	951 / 770 / 655	1189 / 1075 / 974
Indoor air flow (Hi/Med/Lo)	CFM	374 / 301 / 257	379 / 309 / 261	560 / 455 / 385	700 / 630 / 573	
Indoor noise level (Hi/Med/Low)	dB(A)	41 / 37 / 33	43 / 39 / 36	44 / 39 / 36	51 / 47 / 43	
Indoor unit	Dimension (WxDxH)	mm	570 x 570 x 260	570 x 570 x 260	570 x 570 x 260	840 x 840 x 205
	Dimension (WxDxH)	inch	22"-1/2 x 22"-1/2 x 10"-1/4	22-1/2 x 22-1/2 x 10-1/4	22-1/2 x 22-1/2 x 10-1/4	33" x 33" x 8"
	Packing(WxDxH)	mm	655 x 655 x 290	655 x 655 x 290	655 x 655 x 290	900 x 900 x 217
	Packing(WxDxH)	inch	25"-3/4 x 25"-3/4 x 11"-1/2	25"-3/4 x 25"-3/4 x 11"-1/2	25"-3/4 x 25"-3/4 x 11"-1/2	35"-1/2 x 35"-1/2 x 8"-1/2
	Net/Gross weight	kg	14.5 / 17.3	16 / 18.6	16.1 / 18.7	21 / 24.6
	Net/Gross weight	lbs.	32 / 38	35 / 41	35.5 / 41.5	46.5 / 54
Panel	Dimension (WxDxH)	mm	647 x 647 x 50	647 x 647 x 50	647 x 647 x 50	950 x 950 x 55
	Dimension (WxDxH)	inch	25-1/2 x 25-1/2 x 2	25-1/2 x 25-1/2 x 2	25-1/2 x 25-1/2 x 2	37"-1/2 x 37"-1/2 x 2"
	Packing(WxDxH)	mm	715 x 715 x 123	715 x 715 x 123	715 x 715 x 123	1035 x 1035 x 90
	Packing(WxDxH)	inch	28 x 28 x 5	28 x 28 x 5	28 x 28 x 5	40"-3/4 x 40"-3/4 x 3"-1/2
	Net/Gross weight	kg	2.5 / 4.5	2.5 / 4.5	2.5 / 4.5	5 / 8
	Net/Gross weight	lbs.	5.5 / 10	5.5 / 10	5.5 / 10	11 / 17.5
Design pressure	PSIG	550 / 340 PSIG	550 / 340 PSIG	550 / 340 PSIG	550 / 340 PSIG	
Drainage water pipe diameter	mm		ODΦ25	ODΦ25	ODΦ25	ODΦ32
	Inch		1"	1"	1"	1"-1/4
Refrigerant piping	Liquid side/ Gas side	mm	Φ6.35 / Φ9.52	Φ6.35 / Φ12.7	Φ6.35 / Φ12.7	Φ9.52 / Φ15.9
		Inch.	1/4" / 3/8"	1/4" / 1/2"	1/4" / 1/2"	3/8" / 5/8"
Controller			Wireless Remote	Wireless Remote	Wireless Remote	Wireless Remote
Room temperature	Cooling	°C	17~32	17~32	17~32	17~32
	Cooling	°F	62~90	62~90	62~90	62~90
	Heating	°C	0~30	0~30	0~30	0~30
	Heating	°F	32~86	32~86	32~86	32~86
Operation temperature	°C		17~30	17~30	17~30	17~30
	°F		62~86	62~86	62~86	62~86



INDOOR UNIT STYLE			FLOOR CONSOLE DUCTLESS		FLOOR-CEILING (FLEXMOUNT) DUCTLESS	
Model			FB009GMFILCFHD	FB012GMFILCFHD	UB018GMFILCFHD	UB024GMFILCFHD
Product Code			22022711000996	22022711000421	22022711000996	22022711000421
Power supply	V-ph-Hz		208-230-1-60	208-230-1-60	208-230-1-60	208-230-1-60
Cooling	Capacity	Btu/h	9000	12000	18000	24000
	SEER		20.0	20.5	20.0	20.0
	EER	Btu/W	12.5	13.0	12.5	12.5
Heating	Capacity	Btu/h	10000	12000	18000	24000
	HSPF4		10.5	10.0	10.5	11.0
Indoor fan motor	Model		ZKFP-20-8-2	ZKFP-20-8-2	ZKFN-55-8-1	ZKFN-55-8-1
	Qty		1	1	1	1
	Power	W	20(Output)	20(Output)	55	55
	RLA	A	0.9	1	1.5	2
	Speed	r/min	710 / 650 / 550 / 450	810 / 780 / 680 / 530	950 / 850 / 750	1350 / 1260 / 1120
	Indoor air flow (Hi/Med/Lo)	m ³ /h	542 / 461 / 344	546 / 469 / 357	982 / 885 / 790	1290 / 1180 / 1070
Indoor air flow (Hi/Med/Lo)	CFM	319 / 271 / 202	321 / 276 / 201	578 / 520 / 465	759 / 695 / 630	
Indoor noise level (Hi/Med/Low)	dB(A)	41 / 38 / 31	48 / 46 / 37	47 / 44 / 39	53 / 48 / 42	
Indoor unit	Dimension (WxDxH)	mm	700 x 600 x 210	700 x 600 x 210	1068 x 675 x 235	1068 x 675 x 235
	Dimension (WxDxH)	inch	27"-1/2 x 23"-5/8 x 8"-1/4	27"-1/2 x 23"-5/8 x 8"-1/4	42" x 26"-1/2 x 9"-1/4	42" x 26"-1/2 x 9"-1/4
	Packing(WxDxH)	mm	810 x 710 x 305	810 x 710 x 305	1145 x 755 x 313	1145 x 755 x 313
	Packing(WxDxH)	inch	31"-7/8 x 28" x 12"	31"-7/8 x 28" x 12"	45" x 29"-3/4 x 12"-3/8	45" x 29"-3/4 x 12"-3/8
	Net/Gross weight	kg	13.5 / 18.2	15.4 / 20.1	25 / 29.7	26.5 / 31.4
	Net/Gross weight	lbs.	30 / 40	34 / 44	55 / 65.5	58.5 / 69
Design pressure	PSIG	550 / 340 PSIG	550 / 340 PSIG	550 / 340 PSIG	550 / 340 PSIG	
Drainage water pipe diameter	mm		OD Φ25	OD Φ25	OD Φ25	OD Φ25
	Inch		1"	1"	1"	1"
Refrigerant piping	Liquid side/ Gas side	mm	Φ 6.35 / Φ 9.52	Φ 9.52 / Φ 12.7	Φ 6.35 / Φ 12.7	Φ 9.52 / Φ 15.9
		Inch.	Φ 1/4" / Φ 3/8"	Φ 3/8" / Φ 1/2"	Φ 1/4" / Φ 1/2"	Φ 3/8" / Φ 5/8"
Controller			LCD Wired Remote	LCD Wired Remote	LCD Wired Remote	LCD Wired Remote
Room temperature	Cooling	°C	17~32	17~32	17~32	17~32
	Cooling	°F	62~90	62~90	62~90	62~90
	Heating	°C	0~30	0~30	0~30	0~30
	Heating	°F	32~86	32~86	32~86	32~86
Operation temperature	°C		17~30	17~30	17~30	17~30
	°F		62~86	62~86	62~86	62~86

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