HIGH TECHNOLOGY WORLD

RANGE **OFFICE**

3 YEARS WARRANTY TOTAL QUALITY COMMITMENT

5 YEARS WARRANTY COMPRESSOR QUALITY COMMITMENT

A++ SEER

A+ SCOP



Data sheet

FLOOR-CEILING

IX43 R32

- On/off contact and alarm

R-32

PROTECTION GOLDEN FIN

DC inverter

DC Inverter compressor and fans

Remote control

Air inlet

Condensate pump

MODEL

			HTW-CF-052IX43R32	HTW-CF-071IX43R32	HTW-CF-090IX43R32	HTW-CF-105IX43R32
			HTW-CFI-052IX43R32	HTW-CFI-071IX43R32	HTW-CFI-090IX43R32	HTW-CFI-105IX43R32
			HTW-U0-052IX43R32	HTW-U0-071IX43R32	HTW-U0-090IX43R32	HTW-U0-105IX43R32
Power Supply		V,P,HZ	220-240V (1 Phase ~ 50Hz)			
PERFORMANCE						
Cooling	Capacity	kW	5,27 (2,71~5,57)	7,03 (3,22~8,29)	8,89 (4,2~10)	10,55 (3,93~12,02)
		Btu/h	18.000 (9.250~19.000)	24.000 (10.990~28.300)	30.300 (14.300-34.000)	36.000 (13.400-41.000)
	Consumption	W	1.633 (670~1.850)	2.190 (480~2.930)	2.650 (520~4.000)	3.800 (875-4.500)
	SEER	-	6,1	6,1	7,1	6,1
	Energy class	Cold	A++	A++	A++	A++
Heating	Capacity	kW	5,57 (2,42~6,3)	7,62 (2,72~8,65)	10,18 (2,8~11,6)	11,14(2,81~13,48)
		Btu/h	19.000 (8.250~21.500)	26.000 (9.280~29.500)	34.700 (9.500-39.600)	38.000 (9.580-46.000)
	Consumption	W	1.500 (540~1.640)	2.050 (500~2.850)	2.300 (720-4.050)	3.040(730-4.550)
	SCOP	-	4	4	3,87	4
	Energy class	Heat	A+	A+	A	A+
FEATURES						
Indoor unit	Sound power	dB(A)	58	61	61	61
	Sound pressure	dB(A)	41,5/38,5/34,5	50/46/41	51/47/42	51/47/42
	Air flow	m^3/h	880/760/650	1.208/1.066/853	2.160/1.844/1.431	2.160/1.844/1.431
	Selectable temperature range	°C	17~30	17~30	17~30	17~30
Outdoor unit	Sound power	dB(A)	65	65	67	67
	Sound pressure	dB(A)	57	62	58,5	65
	Air flow	m^3/h	2.100	2.700	3.600	4.000
	Cold/hot operating temperature	°C	-15~50/-15~24	-15~50/-15~24	-15~50/-15~24	-15~50 / -15~24
	Compressor		GMCC	GMCC	GMCC	GMCC
Refrigerant	Type/Charge	R32/Kg	1,15	1,5	2	2,4
	Additional charge>5	g/m	15	30	30	30
DIMENSIONS AND WEIGHT						
Indoor unit	Net dimensions (WxHxD)	mm	1068x235x675	1068x235x675	1.650x235x675	1.650x235x675
	Net weight	Kg	28	26,8	39	39
Outdoor unit	Net dimensions (WxHxD)	mm	800x554x333	845x702x363	946x810x410	946x810x410
	Net weight	Kg	35,6	49,4	56,9	66,8
CONNECTIONS						
Refrigerant pipe	Liquid-Gas	inch	1/4"-1/2"	3/8"-5/8"	3/8"-5/8"	3/8" - 5/8"
	Max. length	m	30	50	50	65
	Max. slope	m	20	25	25	30
Electrical connections	Indoor supply	mm	with communication	2 x 2,5 + T	2 x 2,5 + T	2 x 2,5 + T
	Outdoor supply	mm	2x2,5+T	2 x 2,5 + T	2 x 4 + T	2 x 4 + T
	Connection (shielded)	mm	3x2,5+T	2 x 1,5	2 x 1,5	2 x 1,5

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MODEL			HTW-CF-120IX43R32	HTW-CF-140IX43R32	HTW-CF-160IX43R32
			HTW-CFI-120IX43R32	HTW-CFI-140IX43R32	HTW-CFI-160IX43R32
			HTW-U0-120IX43R32	HTW-U0T3-140IX43R32	HTW-U0T3-160IX43R32
Power Supply		V,P,HZ	220-240V (1 Phase ~ 50Hz)	380-415V (3 Phase ~ 50Hz) / Outdoor unit	
PERFORMANCE					
Cooling	Capacity	kW	11,8 (4,96~13,1)	14,07 (4,96~15,11)	15,83 (5,28~17,0)
		Btu/h	40.200 (16.900-44.700)	48.000 (1.6917~51.559)	54.000 (18.000~58.000)
	Consumption	W	3.700 (1.158~4.700)	5.500 (1.158~6.003)	6.063 (1.227~6.496)
	SEER	-	7	6,1	6,1
	Energy class	Cold	A++	A++	A++
Heating	Capacity	kW	12,9 (3,8~14,9)	16,12 (3,81~18,07)	18,17 (4,4~19,64)
		Btu/h	44.000 (12.900-50.800)	55.000 (12.989~61.641)	62.000 (15.000~67.000)
	Consumption	W	3.800 (1.026~4.800)	5.050(1.026~6.200)	6.036(1.022~6.546)
	SCOP	-	3,82	4	4
	Energy class	Heat	A	A+	A+
FEATURES					
Indoor unit	Sound power	dB(A)	66	66	69
	Sound pressure	dB(A)	54/50/46	54/50/46	54/47/42
	Air flow	m^3/h	2.329/1.930/1.417	2.329/1.930/1.417	2.454/1.834/1.426
	Selectable temperature range	°C	17~30	17~30	17~30
Outdoor unit	Sound power	dB(A)	72	72	74
	Sound pressure	dB(A)	65	66	66
	Air flow	m^3/h	3.800	7.500	7.500
	Cold / hot operating temperature	°C	-15~50/-15~24	-15~50/-15~24	-15~50/-15~24
	Compressor		GMCC	GMCC	GMCC
Refrigerant	Type/Charge	R32/Kg	2,8	2,8	2,95
	Additional charge>5	g/m	30	30	30
DIMENSIONS AND WEIGHT					
Indoor unit	Net dimensions (WxHxD)	mm	1650x235x675	1650x235x675	1.650x235x675
	Net weight	Kg	41,2	41,2	41,4
Outdoor unit	Net dimensions (WxHxD)	mm	946x810x410	952x1.333x415	952x1.333x415
	Net weight	Kg	73,9	106,7	111,3
CONNECTIONS					
Refrigerant pipe	Liquid-Gas	inch	3/8" - 5/8"	3/8"-5/8"	3/8"-5/8"
	Max. length	m	50	65	65
	Max. slope	m	30	30	30
Electrical connections	Indoor supply	mm	2 x 2,5 + T	2 x 2,5 + T	2 x 2,5 + T
	Outdoor supply	mm	2 x 4 + T	4 x 4 + T	4 x 6 + T
	Connexion (shielded)	mm	2 x 1,5	2 x 1,5	2 x 1,5

Notes
Capacity data under standard conditions. Actual data will vary depending on where the equipment is installed and how it is used.
Sound pressure values are measured 1m away in a semi-anechoic chamber.
The dimensions of the electrical wiring are approximate, it should be calculated based on the conditions of the installation itself.

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