

Technical specification

U-Match		Ducted	Ducted	Ducted	Ducted	Ducted	Ducted	Ducted	Ducted	Ducted	Ducted	Ducted	Ducted
Indoor Model		GFH18K3FI	GFH12K3FI	GFH18K3FI	GFH12K3FI	GFH30K3FI	GFH30K3FI	GFH36K3FI	GFH36K3FI	GFH42K3FI	GFH42K3FI	GFH48K3FI	GFH48K3FI
Total Capacity	Cooling	3.50	3.50	3.50	3.50	8.30	8.30	10.00	10.00	11.50	11.50	14.00	14.00
	Heating	3.50	3.50	3.50	3.50	8.30	8.30	10.00	10.00	11.50	11.50	14.00	14.00
Indoor Unit	Dimensions(mm)	605x250x665	605x250x720	605x250x720	605x250x720	1280x270x660	1280x270x660	1225x290x775	1225x290x775	1225x290x775	1225x290x775	1340x350x750	1340x350x750
	Net Weight	kg	26	33	33	34	34	46	46	46	46	56	56
	Air flow	m ³ /h	650	750	1000	1400	1400	2100	2100	2100	2100	2400	2400
	ESP Range	Pa	0-30	0-30	0-30	0-100	0-100	0-150	0-150	0-150	0-150	0-150	0-150
	Sound Pressure	dBA	36/30/32/28	37/30/34/28	40/39/36/28	47/46/44/40	47/46/44/40	53/52/48/44	53/52/48/44	53/52/48/44	53/52/48/44	55/53/49/45	55/53/49/45
	Power supply	V/Hz/Ph	220/240-50-1	220/240-50-1	220/240-50-1	220/240-50-1	220/240-50-1	220/240-50-1	220/240-50-1	220/240-50-1	220/240-50-1	220/240-50-1	220/240-50-1
	Power supply	A	6 (1 can be fed from ODU)	6 (1 can be fed from ODU)	6 (1 can be fed from ODU)	6 (1 can be fed from ODU)	6 (1 can be fed from ODU)	6 (1 can be fed from ODU)	6 (1 can be fed from ODU)	6 (1 can be fed from ODU)	6 (1 can be fed from ODU)	6 (1 can be fed from ODU)	6 (1 can be fed from ODU)
SEER / COP	SEER	3.21/8.1	3.00/8.1	3.21/8.1	3.21/8.1	3.11/8.58	3.11/8.58	3.11/8.58	3.11/8.58	3.11/8.58	2.98/8.45	2.98/8.45	
SEER / SCOP(Average)	SCOP	5.6/3.80	5.6/3.80	5.6/3.80	5.6/3.80	5.1/4.00	5.1/4.00	5.1/4.00	5.1/4.00	5.1/4.00	5.1/4.00	5.1/4.00	
Electrical Data	Outdoor unit Model No		GUHD09NK3FO	GUHD12NK3FO	GUHD18NK3FO	GUHD24NK3FO	GUHD30NK3FO	GUHD36NK3FO	GUHD42NK3FO	GUHD48NK3FO	GUHD42NM3FO	GUHD48NM3FO	GUHD48NM3FO
	Power supply	V/Hz/Ph	220-240-50-1	220-240-50-1	220-240-50-1	220-240-50-1	220-240-50-1	220-240-50-1	220-240-50-1	220-240-50-1	220-240-50-1	220-240-50-1	220-240-50-1
	Power input	Cooling	kW	1.17	1.55	2.18	2.67	3.20	3.12	4.00	4.70	5.10	5.60
	Power input	Heating	kW	1.05	1.55	2.21	2.67	3.40	3.32	3.90	4.40	4.50	4.57
	Rated Power	Cooling	kW	1.70	2.50	3.80	3.80	4.95	4.75	4.90	4.90	6.70	7.40
	Rated Power	Heating	kW	1.60	2.40	4.00	4.10	4.75	4.85	4.90	4.90	6.70	7.20
	Input current	Cooling	A	3.90	5.40	7.50	10.10	12.40	15.00	18.10	18.60	18.60	21.80
	Input current	Heating	A	3.70	4.90	7.40	10.20	12.00	15.50	18.10	18.10	20.40	21.80
	Rated current	Cooling	A	6.90	8.90	11.90	17.90	18.10	21.90	22.90	22.90	32.90	32.90
	Rated current	Heating	A	6.60	8.60	11.10	16.40	16.90	22.00	22.00	22.00	30.50	32.90
	Power supply	mm ² /pcs	1.50x3	1.50x3	1.50x3	2.50x3	2.50x3	2.50x3	2.50x3	2.50x3	2.50x3	6.00x3	1.50x3
	Interconnecting Control cable		2 core 0.75mm ²	2 core 0.75mm ²	2 core 0.75mm ²	2 core 0.75mm ²	2 core 0.75mm ²	2 core 0.75mm ²	2 core 0.75mm ²	2 core 0.75mm ²	2 core 0.75mm ²	2 core 0.75mm ²	2 core 0.75mm ²
	Recommended fuse size	A	13	13	16	20	20	25	20	25	20	25	25
	Sound Pressure Level (SPL)	dBA	52/---	52/---	55/---	57/---	58/---	63/---	63/---	61/---	61/---	59/---	63/---
	Sound Power Level (SWL)	dBA	60/---	60/---	64/---	65/---	65/---	70/---	70/---	70/---	70/---	70/---	75/---
Refrigerant	Type	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Charge	kg	1.2	1.4	2.2	2.4	3.5	3.5	3.7	4.0	4.0	5.0	
Air Flow Volume	Charge	m ³ /h	1800	2000	3000	4000	5100	5100	6600	6600	6600	8800	
	Operation temp	°C	-15~48	-15~48	-15~48	-15~48	-15~48	-15~48	-15~48	-15~48	-15~48	-15~48	
Dimension	Outline dimension (WxDxH)	mm	848x320x540	848x320x540	955x396x700	980x427x790	980x427x790	1107x440x1100	1107x440x1100	958x412x1349	958x412x1349	958x412x1349	
	Net Weight	kg	34.0	47.0	67.0	67.0	71.0	82.0	98.0	95.0	108.0	114.0	
Piping	Pre charged for	m	5	5	5	5	5	5	5	5	5	7.5	
	Gas additional charge	g/m	30	30	30	30	30	30	30	30	30	30	
	Outer Diameter	Liquid Pipe	inch	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	
	Outer Diameter	Gas Pipe	inch	3/8"	3/8"	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	
	Max Distance	Height	m	15	15	15	15	15	15	15	30	30	
	Length	m	25	25	30	50	50	50	50	50	70		
Wired Controller Z4E3S1A		Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	
		Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	

