

Technical specification

U-Match		Type	Floor/Ceiling	Floor ceiling	Floor ceiling	Floor ceiling	Floor ceiling	Floor ceiling	Floor ceiling	Floor ceiling	Floor ceiling	Floor ceiling	Floor ceiling	Floor ceiling	Floor ceiling	
		Indoor Model	GTH09K3FI	GTH12K3FI	GTH18K3FI	GTH24K3FI	GTH30K3FI	GTH36K3FI	GTH42K3FI	GTH48K3FI	GTH54K3FI	GTH60K3FI	GTH66K3FI	GTH72K3FI	GTH78K3FI	
Total Capacity	Cooling	kW	2.70	3.50	5.00	7.00	8.50	10.00	10.00	11.50	11.50	14.00	14.00	16.00	16.00	
	Heating	kW	2.90	3.80	5.60	8.00	9.20	12.00	12.00	13.50	13.50	16.00	16.00	17.00	17.00	
Indoor Unit	Dimensions(mm)	WxHxD	1220x225x700	1220x225x700	1220x225x700	1220x225x700	1420x245x700	1420x245x700	1420x245x700	1420x245x700	1420x245x700	1420x245x700	1700x245x700	1700x245x700	1700x245x700	
	Net Weight	kg	38	39	39	40	48	48	48	50	50	59	59	59		
	Air flow	m3/h	600	700	1000	1200	1500	1900	1900	1900	1900	2300	2300	2500		
	ESP Range	Pa	--	--	--	--	--	--	--	--	--	--	--	--		
	Sound Pressure	dB(A)	37/35/32/28	40/38/35/31	44/42/38/32	49/48/46/40	49/46/44/38	54/53/51/46	54/53/51/46	55/54/52/47	55/54/52/47	57/55/50/46	57/55/50/46	58/56/51/46		
	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	220-240-50-1	220-240-50-1	220-240-50-1
	Power supply*	A	6 ("can be fed from ODU)	6 ("can be fed from ODU)	6 ("can be fed from ODU)	6 ("can be fed from ODU)	6 ("can be fed from ODU)	6 ("can be fed from ODU)	6 ("can be fed from ODU)	6 ("can be fed from ODU)	6 ("can be fed from ODU)	8 ("can be fed from ODU)	8 ("can be fed from ODU)	6 ("can be fed from ODU)	6 ("can be fed from ODU)	
EER / C.O.P	W/W	--	6.10/3.80	6.10/4.00	6.10/4.00	6.80/4.00	8.10/4.00	8.10/4.00	8.10/4.00	8.10/4.00	8.10/4.00	8.10/4.00	8.10/4.00	8.10/4.00	8.10/4.00	
SEER / SCOP(Average)	--	--	6.10/3.80	6.10/4.00	6.10/4.00	6.80/4.00	8.10/4.00	8.10/4.00	8.10/4.00	8.10/4.00	8.10/4.00	8.10/4.00	8.10/4.00	8.10/4.00	8.10/4.00	
Outdoor unit Model No			GURD09NK3FI	GURD12NK3FI	GURD18NK3FI	GURD24NK3FI	GURD30NK3FI	GURD36NK3FI	GURD42NK3FI	GURD48NK3FI	GURD54NK3FI	GURD60NK3FI	GURD66NK3FI	GURD72NK3FI	GURD78NK3FI	
Electrical Data	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	380-415-50-3	220-240-50-1	380-415-50-3	220-240-50-1	380-415-50-3	380-415-50-3	
	Power input	Cooling	kW	0.84	1.09	1.55	2.18	2.67	3.20	3.12	3.90	3.90	4.80	5.00	5.75	
	Power input	Heating	kW	0.80	1.05	1.55	2.21	2.57	3.40	3.32	3.70	3.74	4.30	4.50	4.70	
	Rated Power input	Cooling	kW	1.70	1.90	2.50	3.80	3.90	4.75	4.80	4.80	4.80	6.60	6.60	7.40	
	Rated Power input	Heating	kW	1.60	1.80	2.40	4.00	4.10	4.85	4.85	4.90	4.90	6.70	6.70	7.20	
	Input current	Cooling	A	3.90	5.00	7.20	10.10	12.40	15.00	5.40	18.10	6.70	22.30	8.60	10.00	
	Input current	Heating	A	3.70	4.90	7.20	10.20	12.00	15.80	5.80	17.20	6.50	20.00	7.80	8.20	
	Rated current	Cooling	A	8.00	8.90	11.50	17.50	17.50	22.00	8.60	22.30	8.60	32.00	11.80	13.20	
	Rated current	Heating	A	7.60	8.40	11.10	18.40	19.00	22.50	8.70	22.70	8.70	32.50	12.00	12.80	
	Power supply	mm <sup>2</sup> xpcs	1.50x3	1.50x3	1.50x3	2.50x3	2.50x3	2.50x3	2.50x3	1.50x5	2.50x3	1.50x5	6.00x3	1.50x5	1.50x5	
Interconnecting Control cable	--	2 core 0.75mm2	2 core 0.75mm2	2 core 0.75mm2	2 core 0.75mm2	2 core 0.75mm2	2 core 0.75mm2	2 core 0.75mm2	2 core 0.75mm2	2 core 0.75mm2	2 core 0.75mm2	2 core 0.75mm2	2 core 0.75mm2	2 core 0.75mm2		
Recommended fuse size	A	13	13	16	20	20	25	20	25	20	25	20	25	25		
Sound Pressure Level (H/M/L)*	dB (A)	52/---	52/---	56/---	57/---	58/---	63/---	63/---	63/---	61/---	61/---	59/---	59/---	63/---		
Sound Power Level (H/M/L)*	dB (A)	62/---	62/---	64/---	65/---	65/---	70/---	70/---	70/---	70/---	70/---	70/---	70/---	75/---		
Refrigerant	Type	--	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A		
Charge	kg	1.2	1.2	1.4	2.2	2.4	3.5	3.5	3.5	3.7	3.7	4.0	4.0	5.0		
Air Flow Volume	m <sup>3</sup> /h	1800	1800	3200	4000	4000	5100	5100	5100	6600	6600	6600	6600	8800		
Operation temp	Cooling	°C	-15~48	-15~48	-15~48	-15~48	-15~48	-15~48	-15~48	-15~48	-15~48	-15~48	-15~48	-15~48		
	Heating	°C	-10~24	-10~24	-10~24	-10~24	-10~24	-10~24	-10~24	-10~24	-10~24	-10~24	-10~24	-10~24		
Dimension	Outline dimension (WxDxH)	mm	848x320x540	848x320x540	955x396x700	980x427x790	980x427x790	1107x480x1100	1107x480x1100	1107x480x1100	1107x480x1100	1107x480x1100	1107x480x1100	1107x480x1100		
Weight	Net Weight	kg	34.0	34.0	47.0	67.0	71.0	92.0	98.0	98.0	108.0	105.0	114.0	126.0		
	Pre charged for	m	5	5	5	5	5	5	5	5	5	7.5	7.5	7.5		
Piping	Gas additional charge	g/m	30	30	30	60	60	60	60	60	60	60	60	60		
	Outer Diameter	Liquid Pipe	Inch	1/4"	1/4"	1/4"	3/8"	3/8"	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"	5/8"	5/8"		
	Max Distance	Height	m	15	15	15	15	15	15	15	15	30	30	30		
	Max Distance	Length	m	25	25	30	50	50	50	50	50	70	70	70		
I/R Controller			Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	
Wired Controller Z4E351A			Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	

