

Model	Indoor unit		GFH09K3FI	GFH12K3FI	GFH18K3FI	GFH24K3FI
	Product Code		CF060N0420	CF060N0430	CF060N0440	CF060N0450
	Outdoor unit		GUHD09NK3FO	GUHD12NK3FO	GUHD18NK3FO	GUHD24NK3FO
	Product Code		CF090W0630	CF090W0640	CF090W0650	CF090W0660
Capacity	Cooling Capacity	kW	2.7(0.80-3.40)	3.5(0.90-3.70)	5.0(1.60-5.50)	7.0(2.20-8.500)
	Heating Capacity	kW	2.9(0.80-3.70)	3.8(0.90-4.10)	5.6(1.40-6.80)	8.0(2.40-9.50)
	PdesignH	kW	2.8	3.0	4.5	7.0
Power Input	Cooling	kW	0.84(0.20-1.28)	1.17(0.20-1.40)	1.60(0.55-1.75)	2.18(0.85-2.50)
	Heating	kW	0.80(0.20-1.20)	1.05(0.22-1.20)	1.58(0.50-1.90)	2.21(0.80-2.75)
Design load			Average			
SEER / SCOP		W/W	5.6/3.8	5.6/4.0	5.6/3.8	6.1/4.0
Energy Rate(Cooling / Heating)			A+/A	A+/A+	A+/A	A++/A+
Indoor Unit			GFH09K3FI	GFH12K3FI	GFH18K3FI	GFH24K3FI
Power Supply			220-240V~ 50Hz			
Heat Exchange			Cross Fin Coil	Cross Fin Coil	Cross Fin Coil	Cross Fin Coil
Fan	Drive		direct	direct	direct	direct
	Motor Output	kW	0.04×1	0.05×1	0.07×1	0.11×1
	Air Flow	m <sup>3</sup> /h	650	750	1000	1400
	Rated Ext. Static Pressure	Pa	25	25	25	25
	Ext. Static Pressure Range	Pa	0~30	0~30	0~30	0~75
Sound Pressure Level(SS/H/M/L)		dB(A)	36/34/28/26	37/36/34/28	40/39/36/28	47/46/44/40
Air Filter			Standard washable synthetic			
Drain		mm	Φ20×1.2	Φ30×1.5	Φ30×1.5	Φ20×1.2
Outline Dimensions (W×H×D)		mm	925×250×665	1035×265×720	1035×265×720	1280×270×560
Net Weight		kg	27	33	33	34
Outdoor Unit			GUHD09NK3FO	GUHD12NK3FO	GUHD18NK3FO	GUHD24NK3FO
Power Supply			220-240V~ 50Hz			
Heat Exchange			Cross Fin Coil			
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Power Input	W	942	942	1440	2550
Refrigerant	Control		Electronic Expansion Valve			
	Charge	kg	1.2	1.2	1.4	2.2
Outline Dimensions (W×H×D)		mm	850×540×320	850×540×320	955×700×395	980×790×425
Net Weight		kg	34	34	47	67
Piping Connections	Liquid	Inch	Φ1/4	Φ1/4	Φ1/4	Φ3/8
	Gas	Inch	Φ3/8	Φ3/8	Φ1/2	Φ5/8
	Max. Length	m	20	20	20	30
	Max. Height	m	15	15	15	15

Model	Indoor unit		GFH30K3FI	GFH36K3FI	GFH36K3FI	GFH42K3FI
	Product Code		CF060N0460	CF060N0470	CF060N0470	CF060N0480
	Outdoor unit		GUHD30NK3FO	GUHD36NK3FO	GUHD36NM3FO	GUHD42NK3FO
	Product Code		CF090W0670	CF090W0680	CF090W0690	CF090W0700
Capacity	Cooling Capacity	kW	8.3(2.40-8.70)	10.0(3.20-11.50)	10.0(3.20-11.50)	11.5(3.60-12.50)
	Heating Capacity	kW	9.2(2.40-9.90)	12.0(2.90-14.50)	12.0(2.90-14.50)	13.5(3.90-15.50)
	PdesignH	kW	7.6	10.4	10.4	10.5
Power Input	Cooling	kW	2.67(0.85-2.70)	3.20(0.70-4.50)	3.20(0.70-4.50)	4.00(0.65-4.70)
	Heating	kW	2.57(0.80-2.86)	3.40(0.70-4.60)	3.40(0.70-4.60)	3.90(0.76-4.75)
Design load			Average			
SEER / SCOP		W/W	6.1/4.0	5.6/4.0	5.1/4.0	5.6/3.8
Energy Rate(Cooling / Heating)			A++/A+	A+/A+	A/A+	A+/A
Indoor Unit			GFH30K3FI	GFH36K3FI	GFH36K3FI	GFH42K3FI
Power Supply			220-240V~ 50Hz			
Heat Exchange			Cross Fin Coil	Cross Fin Coil	Cross Fin Coil	Cross Fin Coil
Fan	Drive		direct	direct	direct	direct
	Motor Output	kW	0.11×1	0.23×1	0.23×1	0.23×1
	Air Flow	m <sup>3</sup> /h	1400	2100	2100	2100
	Rated Ext. Static Pressure	Pa	37	37	37	37
	Ext. Static Pressure Range	Pa	0~75	0~100	0~100	0~100
Sound Pressure Level(SS/H/M/L)		dB(A)	47/46/44/40	53/52/48/44	53/52/48/44	53/52/48/44
Air Filter			Standard washable synthetic			
Drain Piping		mm	Φ20×1.2	Φ20×1.2	Φ20×1.2	Φ20×1.2
Outline Dimensions (W×H×D)		mm	1280×270×560	1225×290×775	1225×290×775	1225×290×775
Net Weight		kg	34	46	46	46
Outdoor Unit			GUHD30NK3FO	GUHD36NK3FO	GUHD36NM3FO	GUHD42NK3FO
Power Supply			220-240V~ 50Hz		380-415V 3N~50Hz	220-240V~ 50Hz
Heat Exchange			Cross Fin Coil			
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Power Input	W	2550	4150	4000	4150
Refrigerant	Control		Electronic Expansion Valve			
	Charge	kg	2.4	3.5	3.5	3.7
Outline Dimensions (W×H×D)		mm	980×790×425	1105×1100×440	1105×1100×440	960×1350×410
Net Weight		kg	71	92	98	95
Piping Connections	Liquid	Inch	Φ3/8	Φ3/8	Φ3/8	Φ3/8
	Gas	Inch	Φ5/8	Φ5/8	Φ5/8	Φ5/8
	Max. Length	m	30	30	30	50
	Max. Height	m	15	15	15	30

Model	Indoor unit		GFH42K3FI	GFH48K3FI	GFH48K3FI	GFH60K3FI
	Product Code		CF060N0480	CF060N0490	CF060N0490	CF060N0500
	Outdoor unit		GUHD42NM3FO	GUHD48NK3FO	GUHD48NM3FO	GUHD60NM3FO
	Product Code		CF090W0710	CF090W0720	CF090W0730	CF090W0740
Capacity	Cooling Capacity	kW	11.5(3.60-12.50)	14.0(6.00-14.50)	14.0(6.00-14.50)	16.0(7.4~16.5)
	Heating Capacity	kW	13.5(3.90-15.50)	15.5(5.20-17.00)	15.5(5.20-17.00)	16.5(6.2~18.5)
	PdesignH	kW	10.5	11.8	11.8	12.5
Power Input	Cooling	kW	4.00(0.65-4.70)	4.70(1.40-5.60)	5.10(1.40-5.60)	5.60(1.20-6.90)
	Heating	kW	3.90(0.76-4.75)	4.40(1.30-5.50)	4.50(1.30-5.50)	4.60(1.20-6.90)
Design load			Average			
SEER / SCOP		W/W	5.6/4.0	6.1/3.8	5.6/3.8	5.6/3.8
Energy Rate(Cooling / Heating)			A+/A+	A++/A	A+/A	A+/A
Indoor Unit			GFH42K3FI	GFH48K3FI	GFH48K3FI	GFH60K3FI
Power Supply			220-240V~ 50Hz			
Heat Exchange			Cross Fin Coil	Cross Fin Coil	Cross Fin Coil	Cross Fin Coil
Fan	Drive		direct	direct	direct	direct
	Motor Output	kW	0.23×1	0.25×1	0.25×1	0.28×1
	Air Flow	m <sup>3</sup> /h	2100	2400	2400	3000
	Rated Ext. Static Pressure	Pa	37	50	50	50
	Ext. Static Pressure Range	Pa	0~100	0~125	0~125	0~150
Sound Pressure Level(SS/H/M/L)		dB(A)	53/52/48/44	55/53/49/45	55/53/49/45	57/56/54/49
Air Filter			Standard washable synthetic			
Drain Piping		mm	Φ20×1.2	Φ20×1.2	Φ20×1.2	Φ20×1.2
Outline Dimensions (W×H×D)		mm	1225×290×775	1340×350×750	1340×350×750	1340×350×750
Net Weight		kg	46	56	56	56
Outdoor Unit			GUHD42NM3FO	GUHD48NK3FO	GUHD48NM3FO	GUHD60NM3FO
Power Supply			380-415V 3N~50Hz	220-240V~ 50Hz	380-415V 3N~ 50Hz	
Heat Exchange			Cross Fin Coil			
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Power Input	W	4000	4580	4580	4580
Refrigerant	Control		Electronic Expansion Valve			
	Charge	kg	3.7	4.0	4.0	5.0
Outline Dimensions (W×H×D)		mm	960×1350×410	960×1350×410	960×1350×410	1085×1365×425
Net Weight		kg	108	105	114	126
Piping Connections	Liquid	Inch	Φ3/8	Φ3/8	Φ3/8	Φ3/8
	Gas	Inch	Φ5/8	Φ5/8	Φ5/8	Φ3/4
	Max. Length	m	50	50	50	50
	Max. Height	m	30	30	30	30

Model	Indoor unit		GKH12K3FI	GKH18K3FI	GKH24K3FI
	Product Code		ET010N0670	ET010N0680	ET010N0690
	Outdoor unit		GUHD12NK3FO	GUHD18NK3FO	GUHD24NK3FO
	Product Code		CF090W0640	CF090W0650	CF090W0660
Capacity	Cooling Capacity	kW	3.5(0.90-3.90)	5.0(1.60-5.80)	7.0(2.40-8.50)
	Heating Capacity	kW	3.8(0.90-4.10)	5.5(1.40-6.50)	8.0(2.40-9.50)
	PdesignH	kW	3.0	4.5	7.2
Power Input	Cooling	kW	1.09(0.30-1.40)	1.55(0.55-1.75)	2.18(0.85-2.50)
	Heating	kW	1.05(0.22-1.20)	1.64(0.50-1.90)	2.21(0.80-2.75)
Design load			Average		
SEER / SCOP		W/W	5.6/4.0	5.6/3.8	6.1/4.0
Energy Rate(Cooling / Heating)			A+/A+	A+/A	A++/A+
Indoor Unit			GKH12K3FI	GKH18K3FI	GKH24K3FI
Power Supply			220-240V~50Hz		
Heat Exchange			Cross Fin Coil	Cross Fin Coil	Cross Fin Coil
Fan	Drive		direct	direct	direct
	Motor Output	kW	0.03×1	0.04×1	0.065×1
	Air Flow	m <sup>3</sup> /h	700	760	1300
Sound Pressure Level(SS/H/M/L)		dB(A)	46/45/41/36	47/46/44/37	47/46/42/38
Air Filter			Standard washable synthetic		
Drain Piping		mm	Φ25×1.5	Φ25×1.5	Φ25×1.5
Outline Dimensions (W×H×D)		mm	595×240×595	595×240×595	840×240×840
Net Weight		kg	20	20	26
Outdoor Unit			GUHD12NK3FO	GUHD18NK3FO	GUHD24NK3FO
Power Supply			220-240V~50Hz		
Heat Exchange			Cross Fin Coil		
Compressor	Type		Rotary	Rotary	Rotary
	Power Input	W	942	1440	2550
Refrigerant	Control		Electronic Expansion Valve		
	Charge	kg	1.2	1.4	2.2
Outline Dimensions (W×H×D)		mm	850×540×320	955×700×395	980×790×425
Net Weight		kg	34	47	67
Piping Connections	Liquid	Inch	Φ1/4	Φ1/4	Φ3/8
	Gas	Inch	Φ3/8	Φ1/2	Φ5/8
	Max. Length	m	20	20	30
	Max. Height	m	15	15	15

Model	Indoor unit		GKH30K3FI	GKH36K3FI	GKH36K3FI	GKH42K3FI
	Product Code		ET010N0740	ET010N0700	ET010N0700	ET010N0710
	Outdoor unit		GUHD30NK3FO	GUHD36NK3FO	GUHD36NM3FO	GUHD42NK3FO
	Product Code		CF090W0670	CF090W0680	CF090W0690	CF090W0700
Capacity	Cooling Capacity	kW	8.3(2.60-9.20)	10.0(3.20-11.50)	10.0(3.20-11.50)	11.0(3.30-12.00)
	Heating Capacity	kW	9.2(2.40-9.90)	12.0(2.90-14.50)	12.0(2.90-14.50)	12.5(3.60-15.00)
	PdesignH	kW	7.6	10.4	10.4	9.5
Power Input	Cooling	kW	2.67(0.85-2.70)	3.20(0.75-4.50)	3.20(0.75-4.50)	3.90(0.53-4.65)
	Heating	kW	2.57(0.80-2.86)	3.50(0.60-4.80)	3.50(0.60-4.80)	3.80(0.64-4.80)
Design load			Average			
SEER / SCOP		W/W	6.1/4.0	6.1/4.0	6.1/4.0	5.6/4.0
Energy Rate(Cooling / Heating)			A++/A+	A++/A+	A++/A+	A+/A+
Indoor Unit			GKH30K3FI	GKH36K3FI	GKH36K3FI	GKH42K3FI
Power Supply			220-240V~ 50Hz			
Heat Exchange			Cross Fin Coil	Cross Fin Coil	Cross Fin Coil	Cross Fin Coil
Fan	Drive		direct	direct	direct	direct
	Motor Output	kW	0.065×1	0.11×1	0.11×1	0.11×1
	Air Flow	m <sup>3</sup> /h	1500	1860	1860	1860
Sound Pressure Level(SS/H/M/L)		dB(A)	49/48/45/40	51/49/46/43	51/49/46/43	51/49/46/43
Air Filter			Standard washable synthetic			
Drain Piping		mm	Φ25×1.5	Φ25×1.5	Φ25×1.5	Φ25×1.5
Outline Dimensions (W×H×D)		mm	840×320×840	840×320×840	840×320×840	840×320×840
Net Weight		kg	31	31	31	31
Outdoor Unit			GUHD30NK3FO	GUHD36NK3FO	GUHD36NM3FO	GUHD42NK3FO
Power Supply			220-240V~ 50Hz		380-415V 3N~ 50Hz	220-240V~ 50Hz
Heat Exchange			Cross Fin Coil			
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Power Input	W	2550	4150	4000	4150
Refrigerant	Control		Electronic Expansion Valve			
	Charge	kg	2.4	3.5	3.5	3.7
Outline Dimensions (W×H×D)		mm	980×790×425	1105×1100×440	1105×1100×440	960×1350×410
Net Weight		kg	71	92	98	95
Piping Connections	Liquid	Inch	Φ3/8	Φ3/8	Φ3/8	Φ3/8
	Gas	Inch	Φ5/8	Φ5/8	Φ5/8	Φ5/8
	Max. Length	m	30	30	30	50
	Max. Height	m	15	15	15	30

Model	Indoor unit		GKH42K3FI	GKH48K3FI	GKH48K3FI	GKH60K3FI
	Product Code		ET010N0710	ET010N0720	ET010N0720	ET010N0730
	Outdoor unit		GUHD42NM3FO	GUHD48NK3FO	GUHD48NM3FO	GUHD60NM3FO
	Product Code		CF090W0710	CF090W0720	CF090W0730	CF090W0740
Capacity	Cooling Capacity	kW	11.0(3.30-12.00)	14.0(6.00-14.80)	14.0(6.00-14.80)	16.0(7.4~16.5)
	Heating Capacity	kW	12.5(3.60-15.00)	16.0(5.20-18.00)	16.0(5.20-18.00)	16.5(6.2~18.5)
	PdesignH	kW	9.5	12.0	12.0	12.5
Power Input	Cooling	kW	3.90(0.53-4.65)	4.60(1.30-5.50)	4.60(1.30-5.50)	5.70(1.20-6.90)
	Heating	kW	3.80(0.64-4.80)	4.50(1.20-5.40)	4.50(1.20-5.40)	4.60(1.20-6.90)
Design load			Average			
SEER / SCOP		W/W	6.1/4.0	6.1/3.8	5.6/3.8	6.1/4.0
Energy Rate(Cooling / Heating)			A++/A+	A++/	A+/A	A++/A+
Indoor Unit			GKH42K3FI	GKH48K3FI	GKH48K3FI	GKH60K3FI
Power Supply			220-240V~ 50Hz			
Heat Exchange			Cross Fin Coil	Cross Fin Coil	Cross Fin Coil	Cross Fin Coil
Fan	Drive		direct	direct	direct	direct
	Motor Output	kW	0.11×1	0.15×1	0.15×1	0.17×1
	Air Flow	m <sup>3</sup> /h	1860	2300	2300	2400
Sound Pressure Level(SS/H/M/L)		dB(A)	51/49/46/43	53/52/47/41	53/52/47/41	54/53/47/41
Air Filter			Standard washable synthetic			
Drain Piping		mm	Φ25×1.5	Φ25×1.5	Φ25×1.5	Φ25×1.5
Outline Dimensions (W×H×D)		mm	840×320×840	910×290×910	910×290×910	910×290×910
Net Weight		kg	31	43	43	43
Outdoor Unit			GUHD42NM3FO	GUHD48NK3FO	GUHD48NM3FO	GUHD60NM3FO
Power Supply			380-415V 3N~50Hz	220-240V~ 50Hz	380-415V 3N~ 50Hz	
Heat Exchange			Cross Fin Coil			
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Power Input	W	4000	4580	4580	4580
Refrigerant	Control		Electronic Expansion Valve			
	Charge	kg	3.7	4.0	4.0	5.0
Outline Dimensions (W×H×D)		mm	960×1350×410	960×1350×410	960×1350×410	1085×1365×425
Net Weight		kg	108	105	114	126
Piping Connections	Liquid	Inch	Φ3/8	Φ3/8	Φ3/8	Φ3/8
	Gas	Inch	Φ5/8	Φ5/8	Φ5/8	Φ3/4
	Max. Length	m	50	50	50	50
	Max. Height	m	30	30	30	30

Model	Indoor unit		GTH09K3FI	GTH12K3FI	GTH18K3FI	GTH24K3FI
	Product Code		ED020N0650	ED020N0660	ED020N0670	ED020N0680
	Outdoor unit		GUHD09NK3FO	GUHD12NK3FO	GUHD18NK3FO	GUHD24NK3FO
	Product Code		CF090W0630	CF090W0640	CF090W0650	CF090W0660
Capacity	Cooling Capacity	kW	2.7(0.80-3.50)	3.5(0.90-3.90)	5.0(1.60-5.80)	7.0(2.40-8.20)
	Heating Capacity	kW	2.9(0.80-3.80)	3.8(0.90-4.10)	5.6(1.40-6.80)	8.0(2.40-9.00)
	PdesignH	kW	2.9	3.0	4.5	7.0
Power Input	Cooling	kW	0.84(0.20-1.28)	1.09(0.26-1.40)	1.55(0.55-1.75)	2.18(0.85-2.50)
	Heating	kW	0.80(0.20-1.20)	1.05(0.22-1.20)	1.55(0.50-1.90)	2.21(0.80-2.75)
Design load			Average			
SEER / SCOP		W/W	6.1/3.8	6.1/4.0	6.1/4.0	5.6/4.0
Energy Rate(Cooling / Heating)			A++/A	A++/A+	A++/A+	A+/A+
Indoor Unit			GTH09K3FI	GTH12K3FI	GTH18K3FI	GTH24K3FI
Power Supply			220-240V~ 50Hz			
Heat Exchange			Cross Fin Coil	Cross Fin Coil	Cross Fin Coil	Cross Fin Coil
Fan	Drive		direct	direct	direct	direct
	Motor Output	kW	0.015x1	0.02x1	0.04x1	0.065x1
	Air Flow	m <sup>3</sup> /h	600	700	1000	1200
Sound Pressure Level(SS/H/M/L)		dB(A)	31/29/26/24	35/33/30/27	44/42/38/32	49/48/46/40
Air Filter			Standard washable synthetic			
Drain Piping		mm	Φ17x1.75	Φ17x1.75	Φ17x1.75	Φ17x1.75
Outline Dimensions (WxHxD)		mm	1220x225x700	1220x225x700	1220x225x700	1220x225x700
Net Weight		kg	38	39	39	40
Outdoor Unit			GUHD09NK3FO	GUHD12NK3FO	GUHD18NK3FO	GUHD24NK3FO
Power Supply			220-240V~ 50Hz			
Heat Exchange			Cross Fin Coil			
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Power Input	W	942	942	1440	2550
Refrigerant	Control		Electronic Expansion Valve			
	Charge	kg	1.2	1.2	1.4	2.2
Outline Dimensions (WxHxD)		mm	850x540x320	850x540x320	955x700x395	980x790x425
Net Weight		kg	34	34	47	67
Piping Connections	Liquid	Inch	Φ1/4	Φ1/4	Φ1/4	Φ3/8
	Gas	Inch	Φ3/8	Φ3/8	Φ1/2	Φ5/8
	Max. Length	m	20	20	20	30
	Max. Height	m	15	15	15	15

Model	Indoor unit		GTH30K3FI	GTH36K3FI	GTH36K3FI	GTH42K3FI
	Product Code		ED020N0690	ED020N0700	ED020N0700	ED020N0710
	Outdoor unit		GUHD30NK3FO	GUHD36NK3FO	GUHD36NM3FO	GUHD42NK3FO
	Product Code		CF090W0670	CF090W0680	CF090W0690	CF090W0700
Capacity	Cooling Capacity	kW	8.5(2.60-9.20)	10.0(3.20-11.50)	10.0(3.20-11.50)	11.5(3.60-12.50)
	Heating Capacity	kW	9.2(2.40-9.90)	12.0(2.90-14.50)	12.0(2.90-14.50)	13.5(3.90-15.50)
	PdesignH	kW	7.6	10.4	10.4	10.5
Power Input	Cooling	kW	2.67(0.85-2.70)	3.20(0.80-4.60)	3.20(0.80-4.60)	3.90(0.60-4.70)
	Heating	kW	2.57(0.80-2.86)	3.40(0.65-4.80)	3.40(0.65-4.80)	3.70(0.69-4.80)
Design load			Average			
SEER / SCOP		W/W	6.1/4.0	6.1/4.0	6.1/4.0	6.1/4.0
Energy Rate(Cooling / Heating)			A++/A+	A++/A+	A++/A+	A++/A+
Indoor Unit			GTH30K3FI	GTH36K3FI	GTH36K3FI	GTH42K3FI
Power Supply			220-240V~ 50Hz			
Heat Exchange			Cross Fin Coil	Cross Fin Coil	Cross Fin Coil	Cross Fin Coil
Fan	Drive		direct	direct	direct	direct
	Motor Output	kW	0.09×1	0.14×1	0.14×1	0.14×1
	Air Flow	m <sup>3</sup> /h	1500	1900	1900	1900
Sound Pressure Level(SS/H/M/L)		dB(A)	49/46/44/38	54/53/51/46	54/53/51/46	55/54/52/47
Air Filter			Standard washable synthetic			
Drain Piping		mm	Φ17×1.75	Φ17×1.75	Φ17×1.75	Φ17×1.75
Outline Dimensions (W×H×D)		mm	1420×245×700	1420×245×700	1420×245×700	1420×245×700
Net Weight		kg	48	48	48	50
Outdoor Unit			GUHD30NK3FO	GUHD36NK3FO	GUHD36NM3FO	GUHD42NK3FO
Power Supply			220-240V~ 50Hz		380-415V 3N~50Hz	220-240V~ 50Hz
Heat Exchange			Cross Fin Coil			
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Power Input	W	2550	4150	4000	4150
Refrigerant	Control		Electronic Expansion Valve			
	Charge	kg	2.4	3.4	3.5	3.7
Outline Dimensions (W×H×D)		mm	980×790×425	1105×1100×440	1105×1100×440	960×1350×410
Net Weight		kg	71	92	98	95
Piping Connections	Liquid	Inch	Φ3/8	Φ3/8	Φ3/8	Φ3/8
	Gas	Inch	Φ5/8	Φ5/8	Φ5/8	Φ5/8
	Max. Length	m	30	30	30	50
	Max. Height	m	15	15	15	30

Model	Indoor unit		GTH42K3FI	GTH48K3FI	GTH48K3FI	GTH60K3FI
	Product Code		ED020N0710	ED020N0720	ED020N0720	ED020N0730
	Outdoor unit		GUHD42NM3FO	GUHD48NK3FO	GUHD48NM3FO	GUHD60NM3FO
	Product Code		CF090W0710	CF090W0720	CF090W0730	CF090W0740
Capacity	Cooling Capacity	kW	11.5(3.60-12.50)	14.0(6.00-14.80)	14.0(6.00-14.80)	16.0(7.4~16.5)
	Heating Capacity	kW	13.5(3.90-15.50)	16.0(5.20-18.00)	16.0(5.20-18.00)	16.5(6.2~18.5)
	PdesignH	kW	10.5	11.8	11.8	12.5
Power Input	Cooling	kW	3.90(0.60-4.70)	4.80(1.40-5.60)	4.80(1.40-5.60)	5.70(1.20-6.90)
	Heating	kW	3.70(0.69-4.80)	4.30(1.30-5.50)	4.30(1.30-5.50)	4.60(1.20-6.90)
Design load			Average			
SEER / SCOP		W/W	5.6/4.0	5.6/3.8	5.6/4.0	5.1/4.0
Energy Rate(Cooling / Heating)			A+/A+	A+/A	A+/A+	A+/A+
Indoor Unit			GTH42K3FI	GTH48K3FI	GTH48K3FI	GTH60K3FI
Power Supply			220-240V~ 50Hz			
Heat Exchange			Cross Fin Coil	Cross Fin Coil	Cross Fin Coil	Cross Fin Coil
Fan	Drive		direct	direct	direct	direct
	Motor Output	kW	0.14×1	0.19×1	0.19×1	0.20×1
	Air Flow	m <sup>3</sup> /h	1900	2300	2300	2500
Sound Pressure Level(SS/H/M/L)		dB(A)	55/54/52/47	56/55/50/46	56/55/50/46	58/56/52/46
Air Filter			Standard washable synthetic			
Drain Piping		mm	Φ17×1.75	Φ17×1.75	Φ17×1.75	Φ17×1.75
Outline Dimensions (W×H×D)		mm	1420×245×700	1700×245×700	1700×245×700	1700×245×700
Net Weight		kg	50	59	59	59
Outdoor Unit			GUHD42NM3FO	GUHD48NK3FO	GUHD48NM3FO	GUHD60NM3FO
Power Supply			380-415V 3N~50Hz	220-240V~ 50Hz	380-415V 3N~ 50Hz	
Heat Exchange			Cross Fin Coil			
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Power Input	W	4000	4580	4580	4580
Refrigerant	Control		Electronic Expansion Valve			
	Charge	kg	3.7	4.0	4.0	5.0
Outline Dimensions (W×H×D)		mm	960×1350×410	960×1350×410	960×1350×410	1085×1365×425
Net Weight		kg	108	105	114	126
Piping Connections	Liquid	Inch	Φ3/8	Φ3/8	Φ3/8	Φ3/8
	Gas	Inch	Φ5/8	Φ5/8	Φ5/8	Φ3/4
	Max. Length	m	50	50	50	50
	Max. Height	m	30	30	30	30