

DC INVERTER SERIES

Model			RGOF100AR1	RGOF125AR1	RGOF140AR1	RGOF155AR1
Capacity	Cooling	kW	10,0	12,0	14,0	16,0
	Heating	kW	11,0	14,0	15,4	17,6
EER		W	3,80	3,80	4,40	4,85
Power supply		F,V,Hz	1F,220~240V, 50Hz	1F,220~240V, 50Hz	1F,220~240V, 50Hz	1F,220~240V, 50Hz
Power input	Cooling	kW	2,86	3,5	4,36	4,98
	Heating	kW	3,80	3,40	4,05	4,85
Refrigerant charge volume		kg	7,50	7,50	7,50	7,50
Compressor	Quantity	unit	1	1	1	1
Outline dimension	H x W x D	mm	1250 x 950 x 340	1250 x 950 x 340	1250 x 950 x 340	1250 x 950 x 340
Package dimension	H x W x D	mm	1280 x 1110 x 450	1280 x 1110 x 450	1280 x 1110 x 450	1280 x 1110 x 450
Net weight / Gross weight		kg	135 / 140	135 / 140	135 / 140	135 / 140
Sound pressure level		dB	58	58	58	60
Operating temperature	Cooling	°C	+10~+48/	+10~+48/	+10~+48/	+10~+48/
	Heating		-20~+27	-20~+27	-20~+27	-20~+27
Piping connection	Gas	mm (in)	16,0 (5/8)	16,0 (5/8)	16,0 (5/8)	22,2 (3/4)
	Liquid	mm (in)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)
Maximum indoor unit	Quantity	unit	6	7	8	9
Maximum total length of fitting pipe		m	150	150	150	150

Cooling: indoor temperature t=27°C DB, t=19°C WB, outdoor temperature t=35°C DB, t=24°C WB. Heating: indoor temperature t=20°C DB, t=15°C WB outdoor temperature t=7°C DB, t=6°C WB.

DC INVERTER MODULAR SERIES

Model			RGOF224FR1	RGOF280FR1	RGOF335FR1	RGOF400FR1	RGOF450FR1
Capacity	Cooling	kW	22,4	28,0	33,5	40,0	45,0
	Heating	kW	25,0	31,5	37,5	45,0	50,0
EER		W	4,15	4,15	4,15	3,95	4,15
Power supply		F,V,Hz	3F,380~415V, 50Hz	3F,380~415V, 50Hz	3F,380~415V, 50Hz	3F,380~415V, 50Hz	3F,380~415V, 50Hz
Power input	Cooling	kW	5,52	7,52	9,23	12,45	14,32
	Heating	kW	5,82	7,70	9,38	11,20	13,90
Refrigerant charge volume		kg	12,00	13,00	15,00	16,00	17,00
Compressor	Quantity	unit	2	2	3	3	3
Outline dimension	H x W x D	mm	1670 x 930 x 770	1670 x 930 x 770	1670 x 1340 x 770	1670 x 1340 x 770	1670 x 1340 x 770
Package dimension	H x W x D	mm	1850 x 1010 x 850	1850 x 1010 x 850	1850 x 1420 x 850	1850 x 1420 x 850	1850 x 1420 x 850
Net weight / Gross weight		kg	255 / 275	255 / 275	350 / 380	350 / 380	370 / 400
Sound pressure level		dB	58	58	60	61	61
Operating temperature	Cooling	°C	-5~+48/	-5~+48/	-5~+48/	-5~+48/	-5~+48/
	Heating		-20~+27	-20~+27	-20~+27	-20~+27	-20~+27
Piping connection	Gas	mm (in)	22,23 (7/8)	22,23 (7/8)	28,56 (9/8)	28,56 (9/8)	28,56 (9/8)
	Liquid	mm (in)	9,52 (3/8)	9,52 (3/8)	12,7 (1/2)	12,7 (1/2)	12,7 (1/2)
Maximum indoor unit	Quantity		14	16	16	16	16
Maximum total length of fitting pipe		m	300	300	300	300	300

Cooling: indoor temperature t=27°C DB, t=19°C WB, outdoor temperature t=35°C DB, t=24°C WB. Heating: indoor temperature t=20°C DB, t=15°C WB outdoor temperature t=7°C DB, t=6°C WB.



- Quiet operation
- Low noise design
- Precise temperature control
- Intelligent defrost technology
- Individual control
- Modular operating

- Emergency operation
- Wide voltage range operation
- Power supply security
- Continuous operation of indoor unit
- PCB protection design
- Anti-corrosion

- New generation of oil return control
- High efficiency oil-balanced technology
- Compact design
- Various combinations
- Easier maintainability
- Easier transportation and installations

WALL MOUNTED UNIT, EXV INTEGRATED

Model		RGSF022AR1	RGSF028AR1	RGSF036AR1	RGSF045AR1	RGSF050AR1	RGSF056AR1	RGSF063AR1	RGSF071AR1	
Capacity	Cooling	kW	2,2	2,8	3,6	4,5	5,0	5,6	6,3	7,1
	Heating	kW	2,5	3,2	4,0	5,0	5,8	6,3	7,0	8,0
Outline dimension	H x W x D	mm	275 x 843 x 180	275 x 843 x 180	298 x 940 x 200	298 x 940 x 200	298 x 940 x 200	319 x 1008 x 221	319 x 1008 x 221	319 x 1008 x 221
Net weight / Gross weight		kg	10,5 / 12,5	10,5 / 12,5	13,0 / 16,0	13,0 / 16,0	13,0 / 16,0	15,0 / 20,0	15,0 / 20,0	15,0 / 20,0
Sound pressure level		dB	38 / 34	38 / 34	44 / 38	44 / 38	44 / 38	44 / 38	44 / 38	44 / 38



Benefits:
 Trinal air filter
 Quiet operation
 Aero appearance
 Wide air supply angle
 Remote controller with LCD
 Easily dismantlable front panel

Benefits:
 High efficiency filter
 Goodlooking appearance
 Wide air supply range ensures even temperature
 Remote controller with LCD



FLOOR CEILING TYPE (EXV INTEGRATED)

Model		RGCF028AR1	RGCF036AR1	RGCF050AR1	RGCF071AR1	RGCF090AR1	RGCF112AR1	RGCF125AR1	RGCF140AR1	
Capacity	Cooling	kW	2,8	3,6	5,0	7,1	9,0	11,2	12,5	14,0
	Heating	kW	3,2	4,0	5,8	8,0	10,0	12,5	13,5	16,0
Outline dimension	H x W x D	mm	225x1220x700	225x1220x700	225x1220x700	245x1420x700	245x1420x700	245x1700x700	245x1700x700	245x1700x700
Net weight / Gross weight		kg	40 / 50	40 / 50	40 / 50	52 / 61	54 / 63	54 / 72	66 / 74	66 / 74
Sound pressure level		dB	40	40	45	49	51	55	55	55

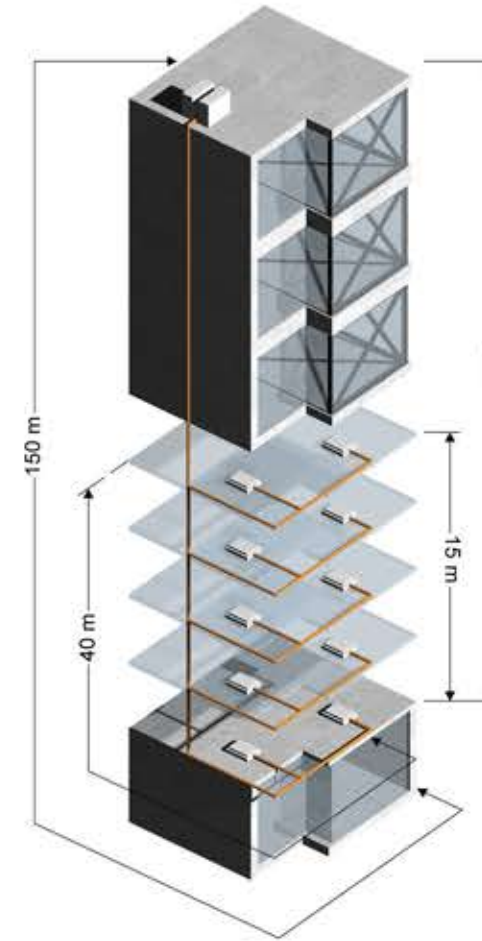


Benefits:
 4-step fan motor
 Flexible setup and even air supply
 Easy installation and goodlooking
 Fresh air exchanger function
 Remote controller with LCD



LONG PIPING DESIGN

Maximum total piping length - 500 m



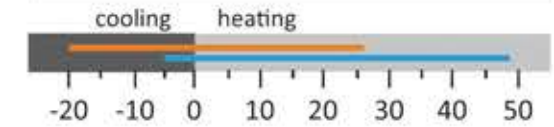
Greatly improved energy efficiency:
 Significantly greater efficiency is realized by the use of DC inverter hermetic scroll compressors with high pressure chamber design, improved DC inverter driving technology and large heat exchanger.

A High EER up to 4,4

Modular outdoor unit design:
 Various combination from 10kW to 180kW (4 modules combination).

Various combinations:
 Up to 110 sets of indoor units can be connected. 6 types and 73 models of indoor unit. Max. diversity is 135%.

Wide Operating Range:
 The unit can operate in wide range, greatly reducing the ambient temperature limitation.



DUCT TYPE WITH HIGH ESP

Model		RGDFS022AR1	RGDFS028AR1	RGDFS036AR1	RGDFS045AR1	RGDFS056AR1	RGDFS071AR1	RGDFS090AR1	RGDFS112AR1	RGDFS125AR1	RGDFS140AR1	RGDFS224FR1	RGDFS280FR1		
Capacity	Cooling	kW	2,2	2,8	3,6	4,5	5,6	7,1	9,0	11,2	14,0	22,4	28,0		
	Heating	kW	2,5	3,2	4,0	5,0	6,3	8,0	10,0	12,5	15,0	25,0	31,0		
Air flow volume		m ³ /h	450	450	550	700	700	1000	1000	1100	1700	1700	2000	4800	
ESP	M / H	Pa	20	20	20	20	20	30 / 60	30 / 60	40 / 80	40 / 80	50 / 100	200	220	
Outline dimension	H x W x D	mm	200 x 700 x 615	200 x 700 x 615	200 x 700 x 615	200 x 900 x 615	200 x 900 x 615	200 x 1100 x 615	300 x 1155 x 736	300 x 1155 x 736	300 x 1425 x 736	300 x 1425 x 736	389 x 1463 x 799	454 x 1628 x 869	
Net weight / Gross weight		kg	21 / 27	21 / 27	22 / 28	26 / 33	26 / 33	26 / 33	51 / 58	51 / 58	64 / 73	64 / 73	85,5 / 75	88 / 102	113 / 152



Benefits:
 Powerful and even air supply
 Intelligent drainage device
 High efficiency air purifier
 Harmonious appearance design
 Remote controller with LCD

Benefits:
 Compact structure
 Powerful and even air supply
 Intelligent drainage device
 Three-dimensional spiral fan blades
 Long life and washable filter
 High efficiency air purifier
 Remote controller with LCD
 Harmonious appearance design



FOUR-WAY CASSETTE TYPE INDOOR UNIT

Model		RGKF022CAR1	RGKF028CAR1	RGKF036CAR1	RGKF045CAR1	RGKF056CAR1	RGKF063CAR1	RGKF071CAR1	RGKF080CAR1	RGKF090CAR1	RGKF100CAR1	RGKF112CAR1	RGKF125CAR1	RGKF140CAR1				
Capacity	Cooling	kW	2,2	2,8	3,6	4,5	5,6	7,1	9,0	11,2	14,0	22,4	28,0					
	Heating	kW	2,5	3,2	4,0	5,0	6,3	8,0	10,0	12,5	15,0	25,0	31,0					
Main body	Outline dimension	H x W x D	230 x 570 x 570	230 x 570 x 570	230 x 570 x 570	230 x 570 x 570	190 x 840 x 840	190 x 840 x 840	190 x 840 x 840	190 x 840 x 840	240 x 840 x 840	240 x 840 x 840	240 x 840 x 840	320 x 840 x 840	320 x 840 x 840	320 x 840 x 840	320 x 840 x 840	
	Net weight / Gross weight	kg	20 / 27	20 / 27	20 / 27	20 / 27	25 / 33	25 / 33	25 / 33	25 / 33	30 / 38	30 / 38	30 / 38	30 / 38	38 / 46	38 / 46	38 / 46	38 / 46
Panel	Outline dimension	H x W x D	50 x 650 x 650	50 x 650 x 650	50 x 650 x 650	50 x 650 x 650	60 x 950 x 950	60 x 950 x 950	60 x 950 x 950	60 x 950 x 950	60 x 950 x 950	60 x 950 x 950	60 x 950 x 950	60 x 950 x 950	60 x 950 x 950	60 x 950 x 950	60 x 950 x 950	60 x 950 x 950
	Net weight / Gross weight	kg	5 / 10	5 / 10	5 / 10	5 / 10	6,5 / 10	6,5 / 10	6,5 / 10	6,5 / 10	6,5 / 10	6,5 / 10	6,5 / 10	6,5 / 10	6,5 / 10	6,5 / 10	6,5 / 10	6,5 / 10
Sound pressure level		dB	47	47	47	47	37	37	37	37	39	39	39	39	40	40	40	40

