

R410a High Static pressure Big Ducts – Technical Specifications

UNIT MODEL	IND.	FGR30/BNa-M(I)		FGR40/BNa-M(I)	
UNIT MODEL	OUT.	FGR30/BNa-M(O)		FGR40/BNa-M(O)	
Operation		Cooling	Heating	Cooling	Heating
Rated Capacity	kW	30,16	33,12	39,80	42,00
Rated Capacity	Btu	102.9	113	135.8	143.31
Current Input (max)	A	16,6 (20,9)	13,6 (18,2)	30,0 (42,0)	26,6 (38,2)
Consumption (max)	kW	11,0 (13,8)	9,0 (12,0)	15,8 (23,0)	14,0 (23,0)
EER – COP – CLASS	W/W	2,73	3,67	2,50	3,00
Power Supply		400V ~ 3N – 50 Hz			
Power Connection Cable ODU.-IDU. / Com.	mm ²	5×4 – 3×2,5 / 2×0,5		5×6 – 3×2,5 / 2×0,5	
Air Flow Volume	m ³ /h	5.5		7	
Available Static Pressure	Pa	250 (NAI)		300 (NAI)	
Ind. Unit Sound Pressure Level (H/M/L)	dB(A)	57		58	
Outdoor Unit Sound Pressure Level	dB(A)	≤67		≤69	
Compressor Type		Hermetic – Scroll		Hermetic – Scroll	
Outdoor tem. operation range	°C	-7 ~43°C		-7 ~43°C	
Refrigerant Charge	kg/m	R410a – 9,5		R410a – 12	
Gas Additional Charge After 5m	g/m	120		170	
Diameter Liquid-Gas Connection Pipe	inch	1/2" – 9/8"		5/8" – 9/8"	
Diameter Condensing Pipe	mm	Φ32		Φ32	

Max Distance /Height Connection Pipe	m	50 / 30	50 / 30
Ind. Unit Dimension LxHxD /Weight	mm/kg	1.500 x 1.000 x 500 / 156	1.700 x 1.100 x 650 / 215
Dimension of air supply flange WxH	mm	1.194 x 294	1.400 x 344
Dimension of air return flange WxH	mm	1.194 x 342	1.295 x 500
Outd. Unit Dimension LxHxD /Weight	mm/kg	990 x 880 x 1.770 / 227	1.290 x 880 x 1.770 / 293