

FLOOR STANDING TYPE (Cooling only) - Duct Connection Type

R-410A

Model				8.3 TR	10 TR	13.3 TR	15.0 TR	16.7 TR	
			Indoor unit	FVPGR10NY1	FVPGR13NY1	FVPGR15NY1	FVPGR18NY1	FVPGR20NY1	
			Outdoor unit	RUR10NY1	RUR13NY1	RUR15NY1	RUR18NY1	RUR20NY1	
Power supply				380-415 V, 50 Hz, 3 Phase, 4 Wires					
Cooling capacity 1,3			kW	29.3	35.2	46.9	52.8	58.6	
			Btu/h	100000	120000	160000	180000	200000	
			kcal/h	25200	30200	40300	45400	50400	
Running current			A	19.2	24.3	29	34.6	40.4	
Power consumption 1			kW	11.4	14.9	17.8	21.2	24.8	
Starting current			A	129.5	118	130.3	143.4	146.3	
Power factor			%	85.7	88.5	88.6	88.4	88.6	
INDOOR UNIT	Colour			Ivory White					
	Air flow rate (H)		m3/min	80	120	120	162	162	
			cfm	2830	4240	4240	5720	5720	
	Fan	Drive	Belt Drive						
		Ext. Static Pressure	(mmH2O)	15					
	Sound level 2			dBA	61	62	62	63	63
	Dimensions (HxWxD)			mm	1,740x1,170x510	1,870x1,170x720	1,870x1,170x720	1,870x1,470x720	1,870x1,470x720
	Machine weight			kg	150	180	180	240	240
Operation range			°CWB	14 to 25					
OUTDOOR UNIT	Colour			Ivory White					
	Compressor	Type	Hermetically sealed scroll type						
		Motor output	kW	9	5.0+5.0	6.7+6.7	7.5+7.5	9.0+9.0	
	Refrigerant oil	Model	Refer to the name plate of compressor						
		Charge	L	3.3	5	6.5	6.5	6.5	
	Refrigerant charge (R-410A)			kg	6.0 (Charged for 7.5 m)	4.5 (Charged for 7.5 m)	8.0 (Charged for 7.5 m)	8.0 (Charged for 7.5 m)	8.0 (Charged for 7.5 m)
	Sound level 2	380V	dBA	61	61	62	63	63	
		415V	dBA	62	62	63	64	64	
	Dimensions (HxWxD)			mm	1,680x930x765	1,680x1,240x765	1,680x1,240x765	1,680x1,240x765	1,680x1,240x765
	Machine weight			kg	206	243	319	322	329
Operation range			°CDB	21 to 46					
REFRIGERANT PIPING	Indoor Unit	Liquid	mm	Ø12.7 (Brazing)	Ø12.7 (Brazing)	15.9 (Brazing)	15.9 (Brazing)	15.9 (Brazing)	
		Gas	mm	Ø28.6 (Brazing)	Ø28.6 (Brazing)	34.9 (Brazing)	34.9 (Brazing)	34.9 (Brazing)	
		Drain	mm	PS 1B Internal thread					
	Outdoor Unit	Liquid	mm	Ø12.7 (Flare)	Ø12.7 (Flare)	Ø15.9 (Flare)	Ø15.9 (Flare)	Ø15.9 (Flare)	
		Gas	mm	Ø28.6 (Brazing)	Ø28.6 (Brazing)	Ø34.9 (Brazing)	Ø34.9 (Brazing)	Ø34.9 (Brazing)	
		Drain	mm	-					
Max. interunit piping length			m	50 (equivalent length 70 m)					
Max. installation level difference			m	30					

Note: 1. Rated cooling capacities are based on the following conditions: Return air temp., 27°CDB, 19.5°CWB; outdoor temp. 35°CDB. Equiv. refrigeration piping, 5 m (horizontal).

2. Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.

3. Capacity includes indoor fan motor heat.