

Specifications

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	Outdoor unit	FVPGR10NY1	FVPGR13NY1	FVPGR15NY1	FVPGR18NY1	FVPGR20NY1	
			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	
Colour			Ivory White					
Air flow rate (H)		m ³ /min	80	120	120	162	162	
		cfm	2830	4240	4240	5720	5720	
Fan	Drive		Belt Drive					
	Ext. Static Pressure	(mmH ₂ O)	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					
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.