



Floor Mounted Type

50,000-200,000 Btu/hr

R-410A



RUR05NY1S,RUR06NY1S



RUR08NY1S,RUR10NY1S



RUR13NY1S-RUR20NY1S

Specifications PA : R410A FLOOR MOUNTED TYPE

Model	Indoor Unit		AFVR05NV1	AFVR06NV1	AFVR08NV1	AFVR10NV1	AFVPR10NY1	AFVPR13NY1	AFVPR15NY1	AFVPR18NY1	AFVPR20NY1			
	Outdoor Unit		RUR05NY1S	RUR06NY1S	RUR08NY1S	RUR10NY1S		RUR13NY1S	RUR15NY1S	RUR18NY1S	RUR20NY1S			
Power Supply			3 Phase, 50 Hz, 380V (4 wires)											
Cooling Capacity (*1,*2)			kW	14.7	17.6	23.5	29.3		35.2	46.9	52.8	58.6		
			Btu/h	50,000	60,000	80,000	100,000		120,000	160,000	180,000	200,000		
			Kcal/h	12,600	15,100	20,200	25,200		30,200	40,300	45,400	50,400		
Power Input			Indoor Unit	kW		0.5	0.7	0.8	1.0	1.6		1.9		
			Outdoor Unit	kW		5.0	5.9	7.9	10.4		13.3	16.2	19.3	22.9
			Total	kW		5.5	6.4	8.6	11.2	11.4	14.9	17.8	21.2	24.8
Running Current			Indoor Unit	A		2.9	3.8	2.9+2.9	2.8	4.1		6.3		
			Outdoor Unit	A		8.1	9.6	12.7	16.3	16.6	21.2	26.2	29.8	35.8
Indoor Unit			AFVR05NV1	AFVR06NV1	AFVR08NV1	AFVR10NV1	AFVPR10NY1	AFVPR13NY1	AFVPR15NY1	AFVPR18NY1	AFVPR20NY1			
Dimension (HxWxD)			mm		1,870x750x510		1,870x950x510	1,870x1,170x510	1,740x1,170x510	1,870x1,170x720		1,870x1,470x720		
Fan			Motor Output	kW		0.245	0.375	0.245x2	1.5		2.2	3.7		
			Air Flow Rate	m ³ /min		42		54	80		120		162	
				cfm		1,480		1,910	2,830		4,240		5,720	
			External Static Pressure	mm H ₂ O		-		-		-		15		-
in.wg		-		-		-		0.59		-				
Weight			kg		90	107	143	150	180		240			
Piping Connection			Liquid	mm.		Ø 9.5		Ø 12.7		Ø 15.9				
			Gas	mm.		Ø 19.1		Ø 22.2		Ø 28.6		Ø 34.9		
			Drain	in.		PS 1B Internal Thread								
Outdoor Unit			RUR05NY1S	RUR06NY1S	RUR08NY1S	RUR10NY1S		RUR13NY1S	RUR15NY1S	RUR18NY1S	RUR20NY1S			
Dimension (HxWxD)			mm		1,345x900x320		1,680x930x765		1,680x1,240x765					
Compressor			Type	Hermetically Sealed Scroll Type										
			Motor Output	kW		4.5	6.7	9.0		5.0+5.0	6.7+6.7	7.5+7.5	9.0+9.0	
Fan			Type	Propeller										
			Motor Output	W		65+90	90+90	500		250+250	300+300	400+400		
			Air Flow Rate	m ³ /min		97		100	190		210	230	260	
cfm		3,430		3,530	6,710		7,420	8,120	9,180					
Weight			kg		92	105	203	206	243	319	322	329		
Piping Connection			Liquid	mm.		Ø 9.5		Ø 12.7		Ø 15.9				
			Gas	mm.		Ø 19.1		Ø 22.2		Ø 28.6		Ø 34.9		
			Drain	mm		Ø 26.0								
Safety Devices			Thermal protection for outdoor fan motor, High pressure switch, Low pressure switch, Internal protector (Compressor and indoor fan motor), Reverse phase protector, Fuse, Thermo switch (Discharge pipe)											
Refrigerant Control			Capillary tube											
Ref. Piping			Standard Length	m		5.0								
			Max Length	m		50 (Equivalent length 70 m)								
			Max Height difference	m		30								
Refrigerant			Type	R410A										
			Charge	kg		2.5 (Charged for 7.5 m)	3.5 (Charged for 7.5 m)	4.5 (Charged for 7.5 m)	6.0 (Charged for 7.5 m)	4.5 (Charged for 7.5 m)	8.0 (Charged for 7.5m)			

Remarks : *1 Normal cooling capacities are based on the following conditions:
Return air temperature: 27 °C DB, 19.5 °C WB
Outdoor temperature: 35 °C DB

Equivalent ref.piping: 5 m (Horizontal)
*2 Net capacity includes indoor fan heat