



Carrier-SAMCO R-410a Window RAC Technical Specifications

Model Size		18K Cool Only	18K Heat + Cool	21K Cool Only	21K Heat + Cool	24K Cool Only	24K Heat + Cool
Model Number		51PSR183MF1GS	51PVR183MF1GS	51PSR213MF1GS	51PVR213MF1GS	51PSR243MF1GS	51PVR243MF1GS
Power Supply	V-Ph-Hz	230V,1Ph,60Hz	230V,1Ph,60Hz	230V,1Ph,60Hz	230V,1Ph,60Hz	230V,1Ph,60Hz	230V,1Ph,60Hz
SEER (T3)	Btu/h/W	8.70	8.70	8.70	8.70	8.00	8.00
Energy Class		F	F	F	F	F	F
Cooling (T1)	Capacity	Btu/h	18000	17800	21000	20800	24200
	Input	W	1765	1745	2059	2039	2547
	Current	A	8.00	8.00	9.00	9.00	11.15
	EER	Btu/h/W	10.20	10.20	10.20	10.20	9.50
Cooling (T3)	Capacity	Btu/h	15000	15000	18000	18000	20500
	Input	W	2027	2027	2432	2432	3106
	Current	A	9.30	9.30	10.80	10.80	14.00
	EER	Btu/h/W	7.40	7.40	7.40	7.40	6.60
Heating (T1)	Capacity	W	/	3000	/	3050	/
	Input	W	/	3530	/	3590	/
	Current	A	/	15.40	/	15.80	/
	COP	W/W	/	0.85	/	0.85	/
Moisture Removal	L/h	1.8	1.8	2.2	2.2	3.1	3.1
Starting Current	A	39.3	39.3	46.2	46.8	57.0	57
Indoor Side Air Flow (Hi/Lo)	m3/h	735 / 602	688 / 567	822 / 668	765 / 628	909 / 790	834 / 735
Indoor Side Noise Level (Hi/Lo)	dB(A)	56.1 / 52.6	56.7 / 55.5	57.9 / 54.2	58.2 / 56.5	60 / 57.5	60.3 / 58.5
Refrigerant Type / Charge	kg	R410A / 0.705	R410A / 0.705	R410A / 1.0	R410A / 1.0	R410A / 1.13	R410A / 1.13
Design Pressure	Mpa	1.5 / 4.8	1.5 / 4.8	1.5 / 4.8	1.5 / 4.8	1.5 / 4.8	1.5 / 4.8
Control Type		Mechanical Control		Mechanical Control		Mechanical Control	
Operation Temp (Cooling/Heating)	Indoor	°C	17 - 35	17 - 35 / 0 - 27	17 - 35	17 - 35 / 0 - 27	17 - 35
	Outdoor	°C	18 - 52	18 - 52	18 - 52	18 - 52	18 - 52
Dimension (W x D x H)	mm	660 x 680 x 428	660 x 680 x 428	660 x 680 x 428	660 x 680 x 428	660 x 780 x 428	660 x 780 x 428
Packing (W x D x H)	mm	746 x 815 x 515	746 x 815 x 515	746 x 815 x 515	746 x 815 x 515	770 x 915 x 510	770 x 915 x 510
Net/Gross Weight	kg	52.9 / 56.3	53.7 / 57.2	54.6 / 58.2	56.3 / 59.9	64.1 / 67.9	64.8 / 68.6

Notes:

- Cooling capacity (T1) is based on following condition: Indoor Air Temperatures 27°C (DB) / 19°C (WB) and Outdoor Air temperatures 35°C (DB) / 24°C (WB).
- Manufacturer reserves the right to change these feature and/or specifications without notice and without incurring any liability.