



Model			CS-25V1A-M150DH5C	CS-35V1A-P150DH5C	CS-53V2A-W150DS	CS-66V2A-X150DT	
Rated volt and frequency		Ph-V-Hz	115V/60HZ	115V/60Hz	230V/60Hz	230V/60Hz	
Cooling	Cooling capacity	BTU	9000	12000	18000	23000	
	Cooling power input	W	720	960	1400	1680	
	Cooling current input	A	7.0	9.3	13.5	16.2	
	EER	w/w	3.66	3.66	3.66	3.66	
Heating	Heating capacity	W	11000	14000	20000	26000	
	Heating power input	W	880	1120	1600	2080	
	Heating current input	A	8.5	10.8	15.5	20.1	
	COP	w/w	3.66	3.66	3.66	3.66	
SEER			20.0	20.0	19.0	19.0	
Max. input consumption		W	1500	1600	3000	3200	
Max. current		A	15.4	15.4	14	15	
Rated current (Cooling/Heating)		A	12/12	13.3/11.2	10/10	12.8/12.8	
Compressor	Model		5RS092ZJB21	5RS102ZBC21	ATD141RDPA8JT	ATL165SDNC9AU1	
	Type		Rotary	Rotary	Rotary	Rotary	
	Brand		Panasonic	Panasonic	Hitachi	Hitachi	
	Power input	W	915	1010	1255	1455	
	Thermal protector		EXTERNAL	EXTERNAL	Internal	Internal	
	Refrigerant oil	ml	FV50S or equivalent \320	FV50S or equivalent \320	α68HES-H or equivalent 480/20ml	HAF68D1C or equivalent 880±20ml	
Indoor	Fan motor	Model	YDK-16-4 L1 320204006R	YDK-16-4 6 320204005R	YDK-30-4C 1 320203027R	YDK-40-4C 4 A050501000283-R0	
		Power input	W	40	40	70	85
		capacity	uF	4	4	2	3.5
	Indoor fan	Indoor Fan Speed RPM (High/Med/Low)	r/min	1300±20rpm 1150±30rpm 950±40rpm	1200/1100/1000	1350±20 1200±30 1050±30	1250±30rpm 1100±30rpm 950±30rpm
		dia.*length	Inches	Φ3.86*24.49	Φ3.86*27.83	Φ4.02*34.65	Φ4.25*40.94
	Evaporator	Fin type		hydrophilic fin	Open window hydrophilic fin	open window fin	Open window hydrophilic fin
		Indoor Air Circulation	CFM	323	412	618	794
	Indoor Noise Level dB		dB(A)	42	44	49	51
	Dimension (L*W*H)		Inches	31.50*11.02*7.48	35.43*11.50*8.46	42.52*11.89*8.66	51.18*13.07*9.65
	Packing (L*W*H)		Inches	34.06*14.09*10.83	38.70*14.84*11.81	45.87*15.43*12.40	55.51*16.85*13.58
	Net/Gross weight		lbs	19.84 / 24.25	28.66 / 33.07	33.07 / 37.48	41.89 / 52.91
Outdoor	Fan motor	Model	DR-9738-514 320290012R	DR-9738-514 320290012R	MDR-9538-901M A050501000193-R0	MDR-9538-901M A050501000193-R0	
		Power input	W	50	50	70	70
	Outdoor fan	dia.*High	Inches	Φ16.06*5.28	Φ16.06*5.28	Φ18.11*7.09	Φ18.11*7.09
	Condensor	Fin type		blue hydrophilic ripple fin	blue hydrophilic ripple fin	blue hydrophilic ripple fin	blue hydrophilic ripple fin
		Coil L*W*H	Inches	30.75*19.84*1.43	30.75*19.84*1.43	29.53*25.63*1.43	31.89*31.42*1.43
	Outdoor Noise Level dB		dB(A)	53	53	55	58
	Dimension (L*W*H)		Inches	31.97*10.08*21.26	31.97*10.08*21.26	34.25*12.20*27.56	35.43*12.99*32.87
	Packing (L*W*H)		Inches	36.22*13.19*23.43	36.22*13.19*23.43	38.98*16.14*30.71	40.55*17.32*37.8
	Net/Gross weight		lbs	70.55 / 74.96	70.55 / 74.96	105.82 / 112.44	127.87 / 141.1
	Refrigerant type/weight		lbs	R410A/2.78	410A/2.91	410A/3.64	410A/4.63lb
Design pressure (Hi/Low)		psi	510/250	510/250	510/250	510/250	
Refrigerant piping /Connection wiring	Liquid side + Gas side	Inches	φ1/4" + φ 3/8"	φ1/4" + φ 3/8"	φ1/4" + φ 1/2"	φ3/8" + φ 5/8"	
	Max. refrigerant pipe length	Feet	49.21'	49.21'	49.21'	49.21'	
	Max. difference in height	Feet	16.4'	16.4'	16.4'	16.4'	