

Cassette Inverter Technical Specifications



Indoor Model		42QTD012XDS	42QTD018XDS	42QTD024XDS	42QTD036XDS	42QTD048XDS	42QTD060XDS	
Outdoor Model		38QUS012XDS	38QUS018XDS	38QUS024XDS	38QUS036XDS	38QUS048XDT	38QUS060XDT	
Power supply		V-Ph-Hz	220- 240V,1Ph,50Hz	220- 240V,1Ph,50Hz	220- 240V,1Ph,50Hz	220- 240V,1Ph,50Hz	380- 415V,3Ph,50Hz	380- 415V,3Ph,50Hz
Cooling (Standard conditions)	Capacity	Btu/h	12000	18000	24000	36000	48000	52000
		W	3517	5275	7034	10551	14068	15240
	Input	W	1150	1800	2300	4160	4710	5800
	Current	A	5.1	7.9	10	18.8	7.5	9.5
	EER	W/W	3.06	2.93	3.06	2.54	2.99	2.63
Heating (Standard conditions)	Capacity	Btu/h	13000	19000	26000	38000	55000	62000
		W	3810	5569	7620	11137	16120	18171
	Input	W	1060	1520	2250	3250	4750	5700
	Current	A	4.7	6.6	9.78	14.7	7.5	9.4
	COP	W/W	3.59	3.66	3.39	3.43	3.39	3.19
Rated Power Input		W	2100	2950	3700	5000	7500	7500
Rated Current		A	9.1	13.5	19.0	22.5	14	14
Indoor air flow (Hi/Mi/Lo)		m3/h	569/485/389	680/584/479	1247/1118/992	1700/1530/1300	2000/1850/1650	2000/1850/1650
Indoor noise level (Hi/Mi/Lo)		dB(A)	42/38/35	44/40.5/37	45.5/43/40.5	51/48/45	53/51/49	53/51/49
Indoor unit	Dimension (W*D*H)	mm	570x570x260	570x570x260	830x830x205	830x830x245	830x830x287	830x830x287
	Packing	mm	662x662x317	662x662x317	910x910x250	910x910x290	910x910x330	910x910x330
	Net/Gross	kg	16.3/20.4	16/20.6	21.6/25.4	27.2/31.2	29.3/33.5	29.3/33.5
Outdoor air flow		m3/h	2200	2100	3500	4000	7500	7500
Outdoor noise level		dB(A)	56	59	60	65	65	65
Outdoor unit	Dimension (W*D*H)	mm	765x303x555	805x330x554	890x342x673	946x410x810	952x415x1333	952x415x1333
	Packing	mm	887x337x610	915x370x615	995x398x740	1090x500x885	1095x495x1480	1095x495x1480
	Net/Gross	kg	26.9/29.2	33.6/36.2	45.1/48.3	67.6/72.1	109.9/123.5	109.9/123.5
Refrigerant type		kg	R410A/1.05	R410A/1.55	R410A/1.8	R410A/3.2	R410A/4.7	R410A/4.7
Refrigerant piping	Liquid side/ Gas side	mm (inch)	6.35mm (1/4in)/9.52mm (3/8in)	6.35mm (1/4in)/12.7mm (1/2in)	9.52mm (3/8in)/15.9mm (5/8in)	9.52mm (3/8in)/15.9mm (5/8in)	9.52mm (3/8in)/15.9mm (5/8in)	9.52mm (3/8in)/15.9mm (5/8in)
	Max. refrigerant pipe	m	25	30	50	75	75	75
	Max. difference in level	m	10	20	25	30	30	30
Connection wiring			1.0x4//	1.5x4//	1.5x4//	1.5x4//	1.5x4//	1.5x4//
Power supply wiring			1.5x3	1.5x3	2.5x3	4.0x3	2.5x3	2.5x3
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control
Operation temperature		°C	16~30	16~30	16~30	16~30	16~30	16~30
Room temperature	Indoor (cooling/)	°C	17~32/0~30	17~32/0~30	16~32/0~30	16~32/0~30	16~32/0~30	16~32/0~30
	Outdoor (cooling/)	°C	-15~50/-15~24	-15~50/-15~24	-15~50/-15~24	-15~50/-15~24	-15~50/-15~24	-15~50/-15~24
Application area (Cooling Standard)		m2	16~23	24~35	32~47	48~70	71~104	71~104

Notes

Information is applicable to a new unit with clean heat exchangers. The above specifications and values subject to change without prior notice due to on-going product improvements. The sound levels reflected are taken in an anechoic chamber. Std. Metraclark T&C's Apply. Refer to service and installation manual for features.

NNRCS Product Test Compliance: Safety; SANS 60335-2-40 and Energy Efficiency; SANS 54511-3 & SANS 941