

Cassette Fixed Speed Technical Specifications



Indoor Model		42QTD012NS-2	42QTD018NS-2	42QTD024NSX	42QTD036NSX	42QTD048NSX	42QTD060NSX	
Outdoor Model		38QUS012NS-2	38QUS018NS-2	38QUS024NS-2	38QUS036NT-2	38QUS048NT-2	38QUS060NT-2	
Power supply from		Indoor	Indoor	Indoor	Outdoor	Indoor	Indoor	
Power supply		V-Ph- 220-240V, 1Ph, 50Hz	220-240V, 1Ph, 50Hz	220-240V, 1Ph, 50Hz	380-415V, 3Ph, 50Hz	380-415V, 3Ph, 50Hz	380-415V, 3Ph, 50Hz	
Cooling (Standard conditions)	Capacity	Btu/h	12000	18000	24000	36000	55000	
		kW	3517	5275	7034	10551	16120	
	Input	W	1095	1920	2417	3600	6270	
	Current	A	4.8	8.5	10.6	6.5	9.2	11.0
	EER	W/W	3.21	2.75	2.91	2.93	2.71	2.57
Heating (Standard conditions)	Capacity	Btu/h	13000	19000	26000	38000	52000	61000
		kW	3810	5569	7620	11137	15240	17878
	Input	W	1180	1700	2200	3600	4763	5800
	Current	A	5.3	7.5	9.6	6.5	8.5	10.2
	COP	W/W	3.23	3.28	3.46	3.09	3.20	3.08
Rated Power Input		W	1650	2900	3700	4250	6300	7500
Rated Current		A	8.0	15.0	18.0	7.0	11.0	12.6
Indoor air flow (Hi/Mi/Lo)		m ³ /h	612/477/388	730/570/470	1300/1000/820	1960/1660/1400	1916/1780/1620	2100/1920/1730
Indoor noise level (Hi/Mi/Lo)		dB(A)	41/36/33	45/42/38	45.5/40/37.5	52/48/45	54/52/50	54.0/51.5/48.0
Indoor unit	Dimension(W*D*H)	mm	570x570x260	570x570x260	830x830x205	830x830x245	830x830x245	830x830x287
	Packing (W*D*H)	mm	655x655x290	655x655x290	910x910x250	910x910x290	910x910x290	910x910x330
	Net/Gross weight	kg	15/17.8	16.4/19.4	22.2/26.2	26.1/30.0	28.3/32.3	30.5/34.5
Outdoor air flow		m ³ /h	2500	2500	3650	3800	6000	6500
Outdoor noise level		dB(A)	55	58.5	60	62.5	62	61.5
Outdoor unit	Dimension(W*D*H)	mm	805x330x554	805x330x554	890x342x673	946x410x810	900x350x1170	900x350x1170
	Packing (W*D*H)	mm	915x370x615	915x370x615	995x398x740	1090x500x875	1032x443x1307	1032x443x1307
	Net/Gross weight	kg	32.3/34.9	37.8/40.4	52.9/55.9	73.0/77.5	98.6/109.3	99.7/111.2
Refrigerant type		kg	R410A/0.85	R410A/1.3	R410A/2.0	R410A/2.85	R410A/3.3	R410A/3.3
Refrigerant piping	Liquid side/ Gas side	mm (inch)	6.35mm (1/4in)/12.7mm (1/2in)	6.35mm (1/4in)/12.7mm (1/2in)	9.52mm (3/8in)/15.9mm (5/8in)	9.52mm (3/8in)/19mm (3/4in)	9.52mm (3/8in)/19mm (3/4in)	9.52mm (3/8in)/19mm (3/4in)
	Max. refrigerant pipe length	m	15	25	25	30	50	50
	Max. difference in level	m	8	15	15	20	30	30
Connection wiring			2,5x3/1,0x2+0,75x2	2,5x3/1,0x2+0,75x2	2,5x3/1,0x3+0,5x2	1,5x3/1,0x3	1,5x5/1,0x3	2,5x5/1,0x3
Power supply wiring			2,5x3	2,5x3	2,5x3	2,5x5	2,5x5	2,5x5
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control
Operation temperature(depend remote)		°C	17~30	17~30	17~30	17~30	17~30	17~30
Room temperature	Indoor(cooling/heating)	°C	17~32/0~30	17~32/0~30	17~32/0~30	17~32/0~30	17~32/0~30	17~32/0~30
	Outdoor(cooling/heating)	°C	18~43/-7~24	18~43/-7~24	18~43/-7~24	-7~43/-7~24	18~43/-7~24	-7~43/-7~24
Application area (Cooling Standard)		m ²	16~23	24~35	32~47	48~70	64~94	73~107

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