

# Under Ceiling Fixed Speed Technical Specifications



Indoor Model			42QZL036NS-3	42QZL048NS-2	42QZL060NS-2
Outdoor Model			38QUS036NT-2	38QUS048NT-2	38QUS060NT-2
Power supply		V-Ph-Hz	380-415V,3Ph,50Hz	380-415V,3Ph,50Hz	380-415V,3Ph,50Hz
Cooling (Standard conditions)	Capacity	Btu/h	36000	48000	55000
		W	10551	14068	16120
	Input	W	3600	5450	6400
	Current	A	6.0	9.3	10.5
	EER	W/W	2.93	2.58	2.52
Heating (Standard conditions)	Capacity	Btu/h	36000	55000	60000
		W	10551	16120	17585
	Input	W	3650	5080	5800
	Current	A	6.1	8.6	9.6
	COP	W/W	2.89	3.17	3.03
Rated Power Input		W	4250	6300	7500
Rated Current		A	7.0	11.0	12.6
Indoor air flow (Hi/Mi/Lo)		m <sup>3</sup> /h	1819/1536/1331	2350/2150/2000	2267/1846/1636
Indoor noise level (Hi/Mi/Lo)		dB(A)	53/48.5/45	54.0/51.0/48.0	54.5/50.6/48.0
Indoor unit	Dimension(W*D*H)	mm	1285x675x235	1650x675x235	1650x675x235
	Packing (W*D*H)	mm	1360x755x318	1725x755x318	1725x755x318
	Net/Gross weight	kg	29.9/35.5	39/45	39/45
Outdoor air flow		m <sup>3</sup> /h	3800	6000	6500
Outdoor noise level		dB(A)	63	62.5	63.3
Outdoor unit	Dimension(W*D*H)	mm	946x410x810	900x350x1170	900x350x1170
	Packing (W*D*H)	mm	1090x500x875	1032x443x1307	1032x443x1307
	Net/Gross weight	kg	73.0/77.5	98.6/109.3	99.7/111.2
Refrigerant type		kg	R410A/2.85	R410A/3.3	R410A/3.3
Refrigerant piping	Liquid side/ Gas side	mm(inch)	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	30	50	50
	Max. difference in level	m	20	30	30
Connection wiring			1.5x3/1.0x3	2.5x5/1.0x3	2.5x5/1.0x3
Power supply wiring			2.5x5	2.5x5	2.5x5
Thermostat type			Remote Control	Remote Control	Remote Control
Operation temperature(depend remote)		°C	17~30	17~30	17~30
Room temperature	Indoor(cooling/ heating)	°C	16~32/0~30	17~32/0~30	17~32/0~27
	Outdoor(cooling/ heating)	°C	-7~43/-7~24	18~43/-7~24	-7~43/-7~24
Application area (Cooling Standard)		m <sup>2</sup>	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

# Under Ceiling Inverter Technical Specifications



Indoor Model			42QZL036XDS	42QZL048XDS	42QZL060XDS	
Outdoor Model			38QUS036XDS	38QUS048XDT	38QUS060XDT	
Power supply			V-Ph-Hz	220-240V, 1Ph, 50Hz	380-415V, 3Ph, 50Hz	380-415V, 3Ph, 50Hz
Cooling (Standard conditions)	Capacity	Btu/h	36000	48000	54000	
		W	10551	14068	15826	
	Input	W	4160	5200	6700	
	Current	A	18.8	8.5	11.5	
	EER	W/W	2.54	2.71	2.36	
Heating (Standard conditions)	Capacity	Btu/h	40000	55000	62000	
		W	11723	16120	18171	
	Input	W	3250	5400	6800	
	Current	A	14.7	7.0	11.9	
	COP	W/W	3.61	2.99	2.67	
Rated Power Input			W	5000	7500	7500
Rated Current			A	22.5	14	14
Indoor air flow (Hi/Mi/Lo)			m <sup>3</sup> /h	1955/1728/1504	2200/1950/1650	2200/1950/1650
Indoor noise level (Hi/Mi/Lo)			dB(A)	50/47/43	53/49/46	53/49/46
Indoor unit	Dimension(W*D*H)	mm	1650x675x235	1650x675x235	1650x675x235	
	Packing (W*D*H)	mm	1725x755x318	1725x755x318	1725x755x318	
	Net/Gross weight	kg	41.5/48	42.3/49.2	42.3/49.2	
Outdoor air flow			m <sup>3</sup> /h	4000	7500	7500
Outdoor noise level			dB(A)	64	64	64
Outdoor unit	Dimension(W*D*H)	mm	946x410x810	952x415x1333	952x415x1333	
	Packing (W*D*H)	mm	1090x500x885	1095x495x1480	1095x495x1480	
	Net/Gross weight	kg	67.6/72.1	109.9/123.5	109.9/123.5	
Refrigerant type			kg	R410A/3.2	R410A/4.7	R410A/4.7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	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 length	m	75	75	75	
	Max. difference in level	m	30	30	30	
Connection wiring				1.5x4//	1.5x4//	1.5x4//
Power supply wiring				4.0x3	2.5x3	2.5x3
Thermostat type				Remote Control	Remote Control	Remote Control
Operation temperature			°C	16~30	16~30	16~30
Room temperature	Indoor(cooling/ heating)	°C	17~32/0~30	17~32/0~30	17~32/0~30	
	Outdoor(cooling/heating)	°C	-15~50/-15~24	-15~50/-15~24	-15~50/-15~24	
Application area (Cooling Standard)			m <sup>2</sup>	48~70	72~106	72~106

## Notes

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