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Allegro





9K-24K



32K



# Affordable Comfort



## ADVANTAGES & BENEFITS

### DIGITAL DISPLAY

Allows you to display the set temperature and indicates when the unit is in defrost cycle, auto mode or when the timer is set.



### ECONO MODE

Save power by selecting "dry" mode. The unit operates as a de-humidifier, using less energy. The Allegro generates up to 3.0 Watt of energy for every 1.0 Watt consumed



### TURBO MODE

Powerful cooling or heating at your fingertips.



### SLEEP MODE

Automatically maintains comfortable temperatures when you're asleep.



### ADVANCED AIRFLOW

With "auto swing", you can choose the best louver position for heating and cooling and distribute the air evenly around the room.



### AUTO RESTART

Automatically restores your settings after power failures.



### 24 HOUR TIMER

Allows you to pre-plan your daily cooling and heating needs.



Advanced Airflow



Daily Timer



Econo Mode



Remote Control



Outdoor unit



Ventilation (fan only)

Heating

Automatic

Cooling with dehumidification

Dehumidification only

Model Number:			42QDE-10H1	42QDE-13H1	42QDE-18H1	42QDE-24H1	QDE-32H1
Matching sets	Indoor unit	Model	42QDE-10H1	42QDE-13H1	42QDE-18H1	42QDE-24H1	42QDE-32H1
	Outdoor Unit	Model	38QDE-10H1	38QDE-13H1	38QDE-18H1	38QDE-24H1	38QDE-32H1
Power supply		V-Ph-Hz	1 Ph, 220-240V ~ 50Hz	1 Ph, 220-240V ~ 50Hz	1 Ph, 220-240V ~ 50Hz	1 Ph, 220-240V ~ 50Hz	1 Ph, 220-240V ~ 50Hz
Rated Cooling	Capacity	Btu/h	9800	12800	18000	23600	32000
	Power consumption	W	1015	1352	1950	2300	3400
	Operating current	A	4.5	5.9	8.6	10.8	16.0
	EER	W/W	2.6	2.6	2.6	2.8	2.6
Rated Heating	Capacity	Btu/h	10000	13000	19000	25000	35000
	Power consumption	W	994	1360	1800	2100	3000
	Operating current	A	4.5	5.9	8.0	9.8	15
	COP	W/W	2.8	2.8	3.0	3.2	3.0
Moisture Removal		L/h	1.0	1.2	1.7	2.3	3.5
Max. input consumption		W	1450	1860	2350	3000	4600
Max running current		A	6.5	9.0	11.5	15	23
Starting current		A	18	30	45	56	64
Recommended MCB (slow curve)		A	10	15	20	25	30
Power supply cable size		mm2 / CORE	1.5/3 CORE	1.5/3 CORE	2.5/3 CORE	2.5/3 CORE	4.0/3 core
Inter Connection wiring		mm2 / CORE	1.5mm <sup>2</sup> /4 Core +2.5mm <sup>2</sup> Earth	1.5mm <sup>2</sup> /4 Core +2.5mm <sup>2</sup> Earth	2.5mm <sup>2</sup> /4 Core +2.5mm <sup>2</sup> Earth	2.5mm <sup>2</sup> /3 Core +2.5mm <sup>2</sup> Earth	2.5mm <sup>2</sup> /3 Core +2.5mm <sup>2</sup> Earth
Refrigerant type		g	R22 / 620g	R22 / 850g	R22 / 1150g	R22 / 1650g	R22 / 2300g
Indoor	Air flow (High/Med/Low)	m <sup>3</sup> /h	490 / 420 / 350	540/480/350	770/690/600	1050/940/850	1210 / 1100 / 960
	Noise level (High/Med/Low)	m <sup>3</sup> /h	37 / 33 / 30	44/39/31	47/44/37	48/45/42	49 / 46 / 43
Outdoor	Air flow (High/Med/Low)	m <sup>3</sup> /h	1560	1800	1980	2700	3700
	Noise level (High/Med/Low)	dB(A)	53	55	58	58	59
Operating range	Ambient temp(Cooling/Heating)	Deg c	18-43/-7-24	18-43/-7-24	18-43/-7-24	18-43/-7-24	18 +43/-7-24
	Application area	m <sup>2</sup>	13-22	18-29	25-41	32-54	44-73
Indoor unit	Dimension (W*D*H)	mm	790x190x275	790x190x275	940x198x275	1030x221x313	1250x230x325
	Packing (W*D*H)	mm	865x265x350	865x265x350	1015x265x350	1135x315x435	1345x430x335
	Net/Gross weight	Kg	8/10	9/11	10/13	17/21	18/20
Outdoor unit	Dimension (W*D*H)	mm	700x235x535	780x250x540	760x285x590	845x335x695	895x330x860
	Packing (W*D*H)	mm	815x325x580	910x335x575	887x355x655	965x395x755	1043x395x915
	Net/Gross weight	Kg	27/29.5	32/34	40/43	52/56	80/84
Refrigerant piping	Liquid side/ Gas side	Inch	1.4" / 3/8"	1.4" / 1/2"	1.4" / 1/2"	3/8" / 5/8"	3/8" / 3/4"
	Max. refrigerant pipe length	m	10	10	10	20	20
	Max height difference	m	5	5	5	10	10

Cooling Conditions 35°C (95°F) DB and 24°C (75°F) WB outdoor; 27°C (81°F) DB and 19°C (66°F) indoor.  
 Heating Conditions 7°C (45°F) DB and 6°C (43°F) WB outdoor; 20°C (68°F) DB and 15°C (59°F) WB indoor.  
 Specification and performance data are subject to change without prior notice for product improvement purposes.

All wiring subject to onsite conditions and must conform to SANS 1014 wiring regulations