

# CEILING CONCEALED TYPE (Heat Pump)

**R-410A**

Model Name	Indoor unit	25	35	50	60	71	90	100	125	140		
		FD- MQN25CXV16	FD- MQN35CXV16	FD- MQN50CXV16	FD- MQN60CXV16	FD- MQN71CXV16	FD- MQN90CXV16	FD- MQN100CXV16	FD- MQN125CXV16	FD- MQN140CXV16		
	Outdoor unit	RYN25CGXV16	RYN35CGXV16	RYN50CGXV16	RYN60CGXV16	RQ71CGXV16	RQ90DGXV16	RQ100DGXV16	RQ125DGXV16	RQ140DGXV16		
Rated Cooling Capacity	Btu/h	9500	12500	18000	21000	26000	33000	39000	45000	55000		
	kW	2.78	3.66	5.28	6.16	7.62	9.67	11.43	13.19	16.12		
Rated EER	W/W	2.96	2.91	3.13	3.15	2.73	3.03	2.82	2.87	3.01		
	Btu/h	9500	12000	18500	22000	26000	36000	41000	47000	55000		
Rated Heating Capacity	kW	2.78	3.52	5.42	6.45	7.62	10.55	12.02	13.77	16.12		
Rated COP	W/W	3.52	3.18	3.55	3.39	3.27	3.64	3.25	3.41	3.41		
Indoor unit	External Static Pressure (SH/H/M/L)	Pa	29/20/10	29/20/10	29/20/10	29/20/10	98/78/68/59	118/96/78/61	118/96/78/61	147/126/109/92	147/120/90/69	
	Air Flow (SH/H/M/L)	cfm	250/235/210	410/370/250	570/558/480	690/660/535	850/810/770/710	1280/1160/1050/920	1280/1160/1050/920	1430/1320/1230/1130	1720/1550/1340/1170	
	Sound Pressure Level (SH/H/M/L)	dBa	33/30/26	37/34/29	38/36/34	40/39/36	44/41/38/34	52/49/47/45	52/49/47/45	54/53/52/51	54/52/50/46	
	Height	mm	261	261	261	261	285	315	315	378	378	
	Width	mm	765	905	1065	1200	932	1257	1257	1299	1499	
	Depth	mm	411	411	411	411	600	638	638	541	541	
	Net Weight	kg	18	22	24	26	40	49	49	50	56	
	Outdoor unit	Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
		Sound Pressure Level	dBa	46	49	52	52	58	58	58	60	65
Height		mm	540	540	651	753	753	852	852	852	852	
Width		mm	700	700	855	855	855	1030	1030	1030	1030	
Depth		mm	250	250	328	328	328	400	400	400	400	
Net Weight		kg	28	30	47	50	57	86	95	98	105	
Pipe Connection - Liquid		mm	6.35	6.35	6.35	6.35	9.52	9.52	9.52	9.52	9.52	
Pipe Connection - Gas		mm	9.52	12.7	12.7	15.88	15.88	15.88	15.88	15.88	19.05	
Max. Allowable Length		m	12	12	15	15	15	45	45	45	35	
Max. Allowable Elevation	m	5	5	8	8	8	25	25	25	15		

Note: Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19°CWB; outdoor temp. 35°CDB.

Rated heating capacities are based on the following conditions: Indoor temp., 20°CDB; outdoor temp., 7°CDB, 6°CWB.

All unit are being tested and comply to ISO 5151 (Non-ducted unit)