

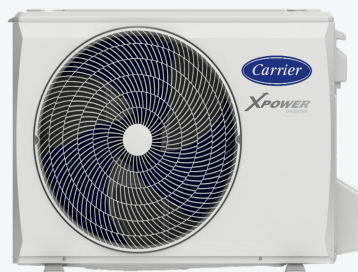


38INQ INVERTER SYSTEM SINGLE ZONE



OUTDOOR UNIT

38INQ36 / 38INQ60



- Heat and cool, (heat pump)
- R32 refrigerant
- Inverter compressor
- Compact design for ease of installation
- Flex matching indoor units
- AHRI listed
- RTCA certified
- Low sound levels
- Self diagnostics
- Up to 16SEER

Capacity				36K	55K
Unit model				38INQ363A32-C	38INQ603A32-C
Power supply			V- Ph-Hz	220_230V,1Ph,60HZ	
Unit Data	Compressor	Model		KTM240D46UKT2	KTQ420D1UMU
		Brand / Type		GMCC / ROTARY	
		Capacity	W	4780/7600	13700
		Input	W	805/2045	3700
		Refrigerant oil/oil charge	ml	VG74 620	VG74/1400
	Outdoor fan motor	Model		ZKFN-80-8-3	ZKFN-250-10-1
		Speed	r/min	900/700/600	850/700/550
	Outdoor coil	Number of rows		2.6	3
		Fin spacing / Type	mm	1.4 / Hydrophilic aluminum	1.3 / Hydrophilic aluminum
		Tube outside dia. / type	mm	Φ7 / Inner groove tube	
		Number of circuits		6	14
	Outdoor sound level		dB(A)	63	64.5
	Outdoor air flow		m3/h	3000	5600
	Expansion device type		/	EXV+Throttle valve	
	Outdoor unit dimensions	Dimension(W*D*H)	mm	890x342x673	980x415x975
		Packing (W*D*H)	mm	995x398x740	1145x500x1080
		Net/Gross weight	kg	47.6/51.1	85.8/100
	Refrigerant (type / Charge amount)		kg	R32 / 1.9 kg	R32 / 3 kg
	Design pressure (H/L)		MPa	4.3 / 1.7	
	Refrigerant piping	Liquid side/ Gas side	mm(inch)	9.52mm(3/8in) / 15.9mm(5/8in)	9.52mm(3/8in) / 19mm(3/4in)
		Max. refrig. pipe length	m	50	75
		Max. vertical separation	m	25	30
Operation temperature			℃	16~30	
Room temperature	Indoor(cooling/ heating)	℃	17~32/0~30		
	Outdoor(cooling/heating)	℃	0~50/-15~24		
Qty'per 40'HQ				198	92

CASSETTE

40KIQ36 / 40KIQ60



- Compact slim design
- Built in condensate drain pump
- Wide angle airflow
- Remote control
- Sleep Mode
- Turbo mode
- AHRI listed
- RTCA certified
- Quiet operation
- Self diagnostics

Capacity				36K	55K
Unit model				40KIQ363A32-E	40KIQ603A32-E
Panel model				40CAS-L6	40CAS-L6
AHRI Reference Number (Combined with 38INQ ODU)				215708471	215708468
RTCA Certificate # (Combined with 38INQ ODU)				4932127.04 COC	4932127.06 COC
Power supply			V- Ph-Hz	220 / 230V - 1Ph - 60HZ	
System Performance	Cooling (AHRI)	Capacity	BTU/h	36000	53000
		Range		11900~36200	26600~53000
		Input	W	4250	6100
		Current	A	18.5	27
		EER	W/W	2.49	2.55
		EER	BTU/W	8.50	8.70
		SEER	BTU/W	16.20	15.70
	Heating (AHRI)	Capacity	BTU/h	36000	58000
		Range		12500~36000	21300~60000
		Input	W	3050	6450
		Current	A	13.5	28.5
		HSPF	BTU/W	8.38	8.73
		HSPF2	W/W	3.46	2.64
	Cooling (RTCA)	Capacity	BTU/h	36000	53000
			W	10551	15533
		Input	W	4250	6100
		REEE	BTU/W	16.00	15.00
			W	4.69	4.48
	Rated Power Input		W	4700	7300
Rated Current		A	21.5	32	
Unit Data	Indoor fan motor	Model		YKT-65-6-3	YKT-80-6-6
		Speed(Hi/Mi/Lo)	r/min	630/500/420	670/580/490
	Indoor coil	Number of rows		2	3
		Fin spacing / type	mm	1.3 / Hydrophilic aluminum	
		Tube outside dia.and type	mm	Φ7,Inner groove tube	
		Number of circuits		5	10
	Indoor air flow (Hi/Mi/Lo)		m3/h	1750/1400/1150	1850/1550/1350
	Indoor sound level (Hi/Mi/Lo)		dB(A)	52.5/46.5/42	56.5/52/47.5
	Indoor unit dimensions	Unit (W"D"H)	mm	830x830x245	830x830x245
		Panel (W"D"H)	mm	950x950x55	950x950x55
		Unit Packing (W"D"H)	mm	910x910x290	910x910x290
		Panel Packing (W"D"H)	mm	1035x1035x90	1035x1035x90
		Unit Weight (Net/Gross)	kg	25.5/30.3	27.8/32.6
		Panel Weight (Net/Gross)	kg	6/9	6/9
	Drain water pipe dia		mm	ODΦ25mm	
	Qty'per 20' /40' /40'HQ		Indoor unit	96/208/234	96/208/234
Thermostat type				Remote Control	
Operation temperature			°C	16~30	
Room temperature	Indoor(cooling/ heating)		°C	17~ 32/0~ 30	
	Outdoor(cooling/heating)		°C	0~ 50/-15~ 24	
Qty'per 40'HQ				208	208

DUCTED SYSTEM

40EIQ36 / 40EIQ60



- AHRI listed
- RTCA certified
- Wired controller
- Optional remote control
- Compact design
- Quiet operation
- 3 speed airflow
- Child lock controller
- Easy access control box

Capacity				36K	55K
Unit model				40EIQ363A32-E	40EIQ603A32-E
AHRI Reference Number (Combined with 38INQ ODU)				215708470	215708475
RTCA Certificate # (Combined with 38INQ ODU)				4932127.01 COC	4932127.03 COC
Power supply			V- Ph-Hz	220_230V,1Ph,60HZ	
System Performance	Cooling (AHRI)	Capacity	BTU/h	36000	55000
		Range		12400~37000	12000~55000
		Input	W	4200	6400
		Current	A	18.5	28.5
		EER	W/W	2.52	2.49
		EER	BTU/W	8.60	8.50
		SEER	BTU/W	15.50	14.50
	Heating (AHRI)	Capacity	BTU'h	36000	58000
		Range		12500~36000	14000~58000
		Input	W	3000	5930
		Current	A	13	26.5
		HSPF	BTU/W	8.60	9.00
	Cooling (RTCA)	Capacity	BTU/h	36000	55000
			W	10551	16119
		Input	W	4200	6400
		REEE	BTU/W	16.00	15.00
			W	4.69	4.48
	Rated Power Input		W	4700	7300
	Rated Current		A	21.5	32
Unit data	Indoor fan motor	Model		ZKFN-165-10-1L	ZKFN-400-8-1
		Speed(Hi/Mi/Lo)	r/min	1350/1228/1106/984	1240/1120/1000
	Indoor coil	Number of rows		3	4
		Fin spacing / Type	mm	1.2 / Hydrophilic aluminum	1.4 / Hydrophilic aluminum
		Tube outside dia.and type	mm	Φ5,Inner groove tube	Φ7,Inner groove tube
		Number of circuits		9	9
	Indoor air flow (Hi/Mi/Lo)		m3/h	1120/966/802	2000/1700/1300
	ESP	Rated	Pa	37	50
		Range	Pa	0-160	0-160
	Indoor sound level (Hi/Mi/Lo)		dB(A)	42/39/37	49/46/43.5
	Indoor unit	Dimension(W*D*H)	mm	1000x750x245	1200x750x245
		Packing (W*D*H)	mm	1225x860x304	1425x860x304
		Net/Gross weight	kg	31.5/37	40.2/46.2
	Drainage water pipe dia		mm	ODΦ25mm	
Qty'per 20' /40' /40'HQ		Indoor unit	70/154/176	70/147/168	
Thermostat type				Wired Control	
Operation temperature			°C	17~30	
Room temperature	Indoor(cooling/ heating)		°C	17~ 32/0~ 30	
	Outdoor(cooling/heating)		°C	0~ 50/-15~ 24	
Qty'per 40'HQ				176	168

UNDER CEILING

40VIQ36 / 40VIQ60



- AHRI listed
- RTCA certified
- Louver memory position
- Remote control
- Easy access control box
- 3 speed airflow
- Sleep mode
- 3D airflow

Capacity				36K	55K
Unit model				40VIQ363A32-E	40VIQ603A32-E
AHRI Reference Number (Combined with 38INQ ODU)				215708474	215708472
RTCA Certificate # (Combined with 38INQ ODU)				4932127.07 COC	4932127.09 COC
Power supply			V- Ph-Hz	220_230V,1Ph,60HZ	
System Performance	Cooling (AHRI)	Capacity	BTU/h	36000	55000
		Range		12500~36200	27400~55000
		Input	W	4250	6450
		Current	A	19	28.3
		EER	W/W	2.49	2.51
		EER	BTU/W	8.50	8.55
		SEER	BTU/W	16.00	15.30
	Heating (AHRI)	Capacity	BTU/h	36000	58000
		Range		12300~36000	22100~60000
		Input	W	3000	6050
		Current	A	13.2	26.5
		HSPF	BTU/W	8.32	9.05
		HSPF2	W/W	3.52	2.81
	Cooling (RTCA)	Capacity	BTU/h	36000	55000
			W	10551	16119
		Input	W	4250	6450
		REER	BTU/W	16.00	15.00
			W	4.69	4.40
	Rated Power Input		W	4700	7300
Rated Current		A	21.5	32	
Unit Data	Indoor fan motor	Model		YKSS-125-4-9	YKSS-85-4-2L
		Speed(Hi/Mi/Lo)	r/min	1400/1200/1100	1380/1260/1150
	Indoor coil	Number of rows		3	4
		Fin spacing / Type	mm	1.3 / Hydrophilic aluminum	
		Tube outside dia.and type	mm	Φ7,Inner groove tube	Φ7,Inner groove tube
		Number of circuits		9	12
	Indoor air flow (Hi/Mi/Lo)		m3/h	1850/1550/1350	1850/1550/1350
	Indoor sound level (Hi/Mi/Lo)		dB(A)	55/51/47.5	56.5/53/50
	Indoor unit dimensions	Unit (W*D*H)	mm	1285x675x235	1650x675x235
		Packing (W*D*H)	mm	1360x755x318	1725x755x318
		Net/Gross weight	kg	32/37.6	43.2/49.9
Drain water pipe dia.		mm	ODΦ25mm		
Thermostat type				Remote Control	
Operation temperature			°C	16~30	
Room temperature	Indoor(cooling/ heating)		°C	17~ 32/0~ 30	
	Outdoor(cooling/heating)		°C	0~ 50/-15~ 24	
Qty/per 40'HQ				200	160



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