10 SEER

FIXED SPEED

TGM AIR CONDITIONERS

R-410A REFRIGERANT

Top Discharge Condensing Unit

Condensadora descarga vertical

MODEL / MODELO: CTVCN_E

SPECIFICATIONS / ESPECIFICACIONES

Model			CTVCN036E	CTVCN048E	CTVCN060E
Outdoor power supply		V/Ph/Hz	380~415/3/50	380~415/3/50	380~415/3/50
Cooling	Capacity	Btu/h	28000	40000	46700
		W	8200	11700	13700
	Input	W	3150	4200	5000
	Rated current	A	5.6	8.5	9
Heating	Capacity	Btu/h	33000	43000	50000
		KW	9700	12580	14600
	Input	W	2700	4150	4600
	Rated current	A	5.1	8.2	8.7
Max. input consumption		W	4000	6000	7000
Max. current		A	6	12.5	13.2
Starting current		A	48	72	72
Compressor	Model		YA331X3CS-9MU	QXAS-H49sN345B	QXAS-H59sN345B
	Type		ROTARY	ROTARY	ROTARY
	Brand		GMCC	LANDA	LANDA
	Capacity	Btu/h	36000	43000	52000
	Input	W	3650	4040	4900
	Rated current(RLA)	A	6.58	7.8	9.0
	Locked rotor Amp(LRA)	A	48	72	72
	Thermal protector		Internal	Internal	Internal
	Capacitor	μF	/	/	/
	Refrigerant oil	ml	1700	1700	1700
Outdoor motor fan	Brand		weiling	xinjun	xinjun
	Model		YDK-160-4P3	YDK-230-6P3	YDK-230-6P3
	Input	W	400	130	130
	Capacitor	μF	6	12	12
	Speed	r/min	1220	920	920
Outdoor coil	Number of rows		1	1	1
	Tube pitch(a)xrow pitch(b)	mm	25×21.5	25×21.3	25×21.3
	Fin spacing	mm	1.4	1.5	1.5
	Fin type		Hydrophilic	Hydrophilic	Hydrophilic
	Tube outside dia. and type	mm	9.52	9.52	9.52
			inner grooved	inner grooved	inner grooved
	Number of circuits		3	5	5
Outdoor air flow(High speed)		CFM	6000	3200	3200
Outdoor noise level		dB(A)	65	65	65
Outdoor unit	Dimension(W*D*H)	mm	554×554×633	740×740×835	740×740×835
	Packing(W*D*H)	mm	575×575×690	760×760×875	760×760×875
	Net/Gross weight	kg	57/59.7	89/94	89/94
Refrigerant type/quantity		g	R410A/2650	R410A/4000	R410A/4400
Throttle part			capillary	capillary	capillary
Design pressure		MPa	4.5/1.2	4.5/0.7	4.5/0.7
Max pressure		MPa	4.5	4.5	4.5
Connection wiring	Power Supply		From outdoor unit	From outdoor unit	From outdoor unit
	Power wiring	mm2	5×1.5/3×1.0	5×2.5/3×1.0	5×2.5/3×1.0
	Signal wiring	mm2	5×1.0	5×1.0	5×1.0
Refrigerant piping	Liquid side/Gas side	mm	Φ12.7/Φ19.05	Φ12.7/Φ19.05	Φ12.7/Φ19.05
	Max. pipe length	m	20	20	20
	Max. high drop	m	10	10	10
Ambient temp		°C	-7～43	-7～43	-7～43
Stuffing Quantity		20'/40'/40'HQ	40/80/80	32/64/64	32/64/64

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