



FIXED SPEED
10 SEER

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