



Models / Modelos
TDCU3PH_50

Top Discharge
Condensing Unit

FIXED SPEED
10 SEER

SPECIFICATIONS / ESPECIFICACIONES

Model			TDCU3PH3650	TDCU3PH4850	TDCU3PH6050
Outdoor power supply			V/Ph/Hz	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	/	/	/
Outdoor motor fan	Refrigerant oil	ml	1700	1700	1700
	Brand		weiling	xinjun	xinjun
	Model		YDK-160-4P3	YDK-230-6P3	YDK-230-6P3
	Input	W	400	130	130
	Capacitor	μF	6	12	12
Outdoor coil	Speed	r/min	1220	920	920
	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 inner grooved	9.52 inner grooved	9.52 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
	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	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	mm ²	5×1.5/3×1.0	5×2.5/3×1.0	5×2.5/3×1.0
	Signal wiring	mm ²	5×1.0	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	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

