

SPECIFICAIONS (LIGHT COMMERCIAL A/C)				
UNIVERSAL OUTDOOR UNIT		ZZU30307000192	ZZU30307000412	ZZU30307000413
Model name	Universal Outdoor Unit	TCE-36CRA/U2O-C(03)	TCE-60CA/U2O-C(01)	TCE-60CA/U6O-C(01)
Power supply	V/Ph/Hz	208-230V/1Ph/60Hz	208-230V/1Ph/60Hz	220V~/60Hz/3P
Max. input consumption	W	5000	8000	7350
Max. current	A	22.0	40.0	24.0
Starting current	A	100.0	125.0	137.0
Max Operating Pressure(MPa)	Discharge	MPa	4.5	4.5
	Suction	MPa	1.5	1.2
Compressor	Brand		HIGHLY	PANASONIC
	Model		ATH356UN-C9EU	C-SBP160H16A
	Type		Rotary	Scroll
	Capacity	W	10550	15800
	Input	W	3480	5143
	Rated current(RLA)	A	16.8	29.1
	Locked rotor Amp(LRA)	A	90	124
	Thermal protector		internal	internal
	Capacitor	mF	80	60
Refrigerant oil	ml	1850	1400	
Outdoor coil	Number of row		1	1
	Fin spacing	mm	1.5	1.5
	Fin material		Louver or Corrugated Fin	Louver or Corrugated Fin
	Tube outside diameter	mm	φ7	φ7
	Tube material		Innergroover tube type	Innergroover tube type
	Coil length x height x width	mm	1395×714×12.7	2141×798×12.7
	Number of circuit		3	4
Outdoor fan motor	Brand		BROAD-OCEAN/Lifeng	BROAD-OCEAN/Lifeng
	Model		Y7S623A803/SJ86A	Y7S623C5130/SJ217A
	Input	W	142	368
	Output	W	86	217
	Running current	A	0.65	1.7
	Capacitor	mF	6.0	12.0
Speed	rpm	1080	1100	
Outdoor air flow	m ³ /h	4000	6900	6900
Outdoor noise level	dB(A)	60	62	62
Outdoor dimension	Unit (WxHxD)	mm	554×759×554	740×843×740
	Packing (WxHxD)	mm	584×782×584	769×865×769
Outdoor weight	Net	kg	50	72
	Gross	kg	54	82
Refrigerant	Type		R410A	R410A
	Charge	g	1630	2250
Throttle type		Piston orifice in indoor unit	Piston orifice in indoor unit	Piston orifice in indoor unit
Refrigerant pipe	Liquid side	mm	9.52	9.52
	Gas side	mm	19.05	19.05
	Max. refrigerant pipe length	m	30	50
	Max. difference in level	m	20	30
Ambient temperature range	Cooling	°C	21 ~ 43	21 ~ 43
	Heating	°C	/	/
Notes: 1. Nominal cooling capacities are based on the following conditions: Indoor temp: 27°CDB, 19°CWB; Outdoor temp: 35°CDB; 2. Nominal heating capacities are based on the following conditions: Indoor temp: 20°CDB; Outdoor temp: 7°CDB, 6°CWB; 3. Actual noise level may differ, depending on the room structure, etc, since these noise values are from an anechoic room. Remark: The above design and specification are subject to change without prior notice for product improvement.				