Hisense



LIGHT COMMERCIAL BIG DUCT

Inverter Range

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Big Duct

INDOOR MODEL		AUD-85UX4RPH8
ELECTRIC PARAMETER		
Power Supply (Indoor)	V-ph-Hz	220-240/1/50&60
Power Supply (Outdoor)	V-ph-Hz	380-415/3/50&60
Input Consumption (Max)	W	11500
Input Current (Max)	A	19,0
COOLING		
Capacity	Btu/h (Nominal)	78476
	W (Nominal)	23000
	W (Min - Max)	7500-24500
Input	W (Nominal)	9780
Current	A (Nominal)	16.5
ERR	W/W (Nominal)	2,35
HEATING		
Capacity	Btu/h (Nominal)	85300
	W (Nominal)	25000
	W (Min - Max)	6500-27500
Input	W (Nominal)	7240
Current	A (Nominal)	13,0
COP	W/W (Nominal)	3,45
INDOOR FAN MOTOR		
Model	-	ZW702D000015
Qty	-	1
Output	W	789
Capacitor	uF	-
Speed (Hi/Med/Lo)	r/min	1200/1050/950
INDOOR COIL		
Number of Rows	-	4
Tube Pitch(a)xRow Pitch(b)	mm	21x18.19
Fin Spacing	mm	1,5
Fin Type	-	Hydrophilic aluminium
Tube Outside Diameter & Type	mm	Φ7, inner groove tube
Coil Length x Height x Width	mm	1200x420x72.76
Number of Circuits	-	14
INDOOR UNIT		
Dimension (WxHxD)	mm	1400x420x858
Packing (WxHxD)	mm	1636x985x505
Weight (Net/Gross)	kg	84/93.5
Air volume (Hi/Med/Lo)	m3/h	4400/3900/3400
	CFM	2588/2294/2000
Sound Level (SPL) Hi/Med/Lo	dB (A)	58/55/52
Sound Level (PWL) Hi	dB (A)	81
External Static Pressure	Pa(Rated)	62+10
	Pa(Bfr Shipment)	150
	Pa(Range)	0~250
Controller	Type	Wired
	Model	YXE-C01U1(E) YXE-C02U1(E) YXE-E01U(E) YXE-E02U(E)
Moisture Removal	L/H.r	9,0
Drainage Water Pipe Diameter	mm	ODΦ32
Drain Pump	-	Standard
Air Filter	-	Standard
Design Pressure (H/L)	MPa	4.3/1.6
ROOM TEMPERATURE		
Setting Temperature Range	Cooling (C°)	16~30
	Heating (C°)	16~30

OUTDOOR MODEL		AUW-85U6RZ8
COMPRESSOR		
Model	mm	KTQ580D66UNT
Type	mm	ROTARY
Brand	kg	GMCC
Capacity	m3/h	63975
Input	dB(A)	4910
Rated Current (RLA)	dB(A)	7.7
Refrigerant Oil	Model	ESTEL OIL VG74
	Amount (ml)	1500
OUTDOOR FAN MOTOR		
Model	-	SIC-88FWJ-F1200-2
	-	SIC-88FWJ-F1200-3
Qty	-	2
Output	W	138
Capacitor	μF	/
Speed	r/min	850
OUTDOOR COIL		
Number of Rows	-	2
Tube Pitch(a)xRow Pitch(b)	mm	21x18.19
Fin Spacing	mm	1.6
Fin Type	-	Hydrophilic aluminium
Tube Outside Diameter & Type	mm	Φ7,inner groove tube
Coil Length x Height x Width	mm	1132x1596x36.38
Number of Circuits	-	28-14
OUTDOOR UNIT		
Dimension (WxHxD)	mm	1100x1650x390
Packaging (WxHxD)	mm	1190x1810x530
Weight (Net Gross)	kg	140/157
Air Volume (Hi)	m3/h	11500
Sound Level (SPL) Hi	dB(A)	61
Sound Level (PWL) Hi	dB(A)	76
Refrigerant	Type (-)	R32
	Amount (kg)	4,60
	TCO2Eq	3,105
	GWP (-)	675
Design Pressure	H/L ()MPa	4.3/1.6
REFRIGERANT PIPING		
Liquid/Gas	mm (inch)	Φ9.52/Φ22.22(3/8'/7/8')
Pipe Length (Max. equivalent T1 Climate)	m	100
Pipe Length (Max. equivalent Full Range)	m	75
Height Difference (m)	Max. (OD lower)	30
	Max. (OD higher)	30
Add Refrigerant Amount	g/m	35
Pipe Length for Additional Refrigerant	m	7.5
OPERATING RANGE (OUTDOOR)		
Cooling	C°	-15~50
Heating	C°	-20~24

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