



Range: CLCP Euro (04.01.049)
Model: CLCPeuro 25mm

Quantity	1
Tag Number	AHU DX
Job Comments	

Base Unit Module

Module Position: 0

<u>Unit Airflow</u>	20000.00 m3/hr	<u>Unit Length for Unit Level 2</u>	0 mm
<u>Manufacturing Plant</u>	Penang	<u>Unit Width</u>	1938 mm
<u>Standard Unit Size</u>	020	<u>Unit Height</u>	1438 mm
<u>Unit Insulation</u>	25mm PU	<u>Unit Weight</u>	783 kg
<u>Casing Construction</u>	0.4mm Powder Paint	<u>Elevation</u>	0.0 m
	External/GI Internal	<u>Number of Breakpoints</u>	0.00 Number
<u>Eurovent Certification</u>	Yes	<u>Run Acoustics</u>	Unit Sound Power Data
<u>EUROVENT- AHU Energy</u>	D (2016) ↻	<u>Shipping Split 1 weight</u>	783 kg
<u>Efficiency Class</u>		<u>1st Shipping Split Length</u>	2790 mm
<u>Unit Roof</u>	No	<u>Model</u>	CLCPeuro 25mm
<u>Unit Base</u>	Standard		
<u>CKD At Jobsite</u>	No		
<u>Total Unit Length</u>	2868 mm		

Mixing Box Module

Module Position: 1

<u>Dampers</u>	Back & Top	<u>Mix Box Section Length</u>	310 mm
<u>Damper Type</u>	Standard Damper	<u>Factory Installed Damper</u>	No
		<u>Actuator</u>	
<u>Door Handle</u>	Std. Latched	<u>Mixing Box CFM</u>	5.56 m3/s
<u>Door Location</u>	RH	<u>Mix Box Section Weight</u>	80 kg
<u>Sight Glass</u>	No	<u>Module Level</u>	1st Level
<u>Mix Box Module PD</u>	42.5 Pa	<u>Shipping Split ID</u>	1.00 Number

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Product DLL Version 1.54.11.115.108.

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Product Report

5-Jul-17

Filter Module

Module Position: **2**

<u>Filter Type</u>	Hi-Eff Bag Filter	<u>Pressure Gauge</u>	0-1000 Pa
<u>Supplied by</u>	Factory	<u>Spare Filter (Filter Media)</u>	No
<u>Prefilter Media</u>	2"TA(30%Eff, G4(EN779)-EU4)	<u>Filter CFM</u>	5.56 m3/s
<u>Prefilter Condition</u>	Mid-life	<u>Filter Area</u>	2.23 m2
<u>Filter Media</u>	10"Bag(95%Eff, F8(EN779)-EU8)	<u>Filter - Filter Module PD</u>	315.7 Pa
<u>Filter Condition</u>	Clean	<u>Filter Velocity</u>	2.5 m/s
<u>Filter Loading Method</u>	Side Sliding Method	<u>Filter Module Length</u>	465 mm
<u>Access Section</u>	Yes	<u>Filter - Module Weight</u>	91 kg
<u>Door Handle</u>	Std. Latched	<u>Shipping Split ID</u>	1.00 Number
<u>Door Location</u>	RH	<u>Filter - Pre-filter PD</u>	150.3 Pa
<u>Sight Glass</u>	No	<u>Module Level</u>	1st Level
<u>Service Light</u>	No		

Coil Module

Module Position: **3**

Coil Mo [3]-1			
<u>Coil Section</u>	Horizontal Coil	<u>Coil Elevation</u>	0.0 m
<u>Application</u>	Refrigerant	<u>Drip Eliminator</u>	Std. Aluminium
<u>Refrigerant</u>	R22	<u>Drain Pan</u>	Galvanized
<u>Entering Dry Bulb</u>	25.0 C	<u>Extended Drain Pan</u>	No
<u>Entering Wet Bulb</u>	20.0 C	<u>Drain Pipe Connection</u>	Std (Same as Coil Supply Conn.)
<u>Leaving Dry Bulb</u>	14.2 C	<u>Drain Pan Length</u>	310 mm
<u>Coil - Sensible Cap.</u>	74.01 kW	<u>Sight Glass</u>	No
<u>Coil - Total Cap.</u>	123.00 kW	<u>Coil Face Area</u>	2.02 m2
<u>Leaving Wet Bulb</u>	13.8 C	<u>Face Velocity</u>	2.8 m/s
<u>Rows</u>	4	<u>Std. Drip Elim. PD</u>	61.3 Pa
<u>Fins Per Foot</u>	131.00 Number	<u>Air Pressure Drop</u>	165.3 Pa
<u>Coil Type</u>	1/2" Coil, FD Type	<u>Coil - Dry Weight</u>	101 kg
<u>Coil Casing & Coil Support</u>	Galvanized	<u>Circuit Option</u>	Full Circuit
<u>Coil Supply</u>	RH	<u>No of Circuit</u>	37.00 Number
<u>Tube Matl</u>	1/2" Cu	<u>Distrib. Size</u>	3/16" OD,Tube
<u>Circuiting Arrangement</u>	Intertwined	<u>Distributor Number</u>	4.00 Number
<u>Sat. Suction Temp.</u>	6.4 C	<u>Coil Module Press. Drop</u>	226.7 Pa
<u>Liquid Temperature</u>	48.9 C	<u>Coil Module Weight</u>	157 kg
<u>Fin Type</u>	1/2" Tube Wavy 3BS (Delta Flo H)	<u>Module Level</u>	1st Level
<u>Fin Matl</u>	Aluminium	<u>Shipping Split ID</u>	1.00 Number
<u>Coil Airflow</u>	5.56 m3/s		

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Electric Heater Module

Module Position: **4**

Electri [4]-1			
<u>Steps Of Control</u>	4	<u>Step Current</u>	13.67 A
<u>Volt/Ph/Hz</u>	380/3/50	<u>Total Current</u>	54.70 A
<u>Temperature Rise</u>	5.1 C	<u>Elec. Heater Module Lgth</u>	465 mm
<u>Total Heating Capacity</u>	36.00 kW	<u>Elec. Heater Module Weight</u>	74 kg
<u>Electric Heater Section</u>	UL Listed Electric Heater	<u>Module Level</u>	1st Level
<u>Total Heating Element Qty.</u>	24.00 Number	<u>Shipping Split ID</u>	1.00 Number
<u># of Row</u>	1		

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Fan Module

Module Position: 5

Fan Mod [5]-1			
<u>Fan Module</u>	Supply Fan	<u>Motor Starter</u>	Yes, Electromechanical Starter
<u>Fan</u>	Standard Fan	<u>Electromechanical Starter Type</u>	Star-Delta, Thermistor c/w ELCB, 4 Wires
<u>Fan Size</u>	AF 500 X	<u>Enclosure Type For Motor Starter</u>	Indoor Type
<u>House Fan Discharge Arr.</u>	Front-Top(Arr.1/7)	<u>Design Temp.</u>	20.0 C
<u>Inlet Location</u>	Back Inlet (HDT)	<u>Fan - Elevation</u>	0.0 m
<u>Fan Airflow</u>	20000.00 m3/hr	<u>Module Level</u>	1st Level
<u>Ext. Static Pres.</u>	850.0 Pa	<u>Fan - Module Length</u>	1085 mm
<u>Cabinet effects Loss</u>	73.7 Pa	<u>Fan - Module Weight</u>	381 kg
<u>Total Static Pres.</u>	1508.6 Pa	<u>Shipping Split ID</u>	1.00 Number
<u>Fan Speed</u>	2100 rpm	<u>Discharge - 63Hz</u>	103 dB
<u>Motor Class</u>	TECO, 3Phase, 4P, STD Eff (IE1)	<u>Discharge - 125Hz</u>	105 dB
<u>Fan/Motor Access</u>	RH	<u>Discharge - 250Hz</u>	99 dB
<u>Motor Supply By</u>	Factory	<u>Discharge - 500Hz</u>	104 dB
<u>Motor Volt/Ph/Hz</u>	V 380/3/50	<u>Discharge - 1kHz</u>	100 dB
<u>Drive Type</u>	Const. Pitch	<u>Discharge - 2kHz</u>	94 dB
<u>Motor Safety Factor</u>	Factory Standard	<u>Discharge - 4kHz</u>	87 dB
<u>Installed Motor KW</u>	15.00 KW	<u>Discharge - 8kHz</u>	82 dB
<u>Fan Isolation</u>	2"(50mm) Spring	<u>Discharge - Overall</u>	105 dBA
<u>Fan Absorbed Power</u>	11.15 kW	<u>Inlet+Casing - 63Hz</u>	94 dB
<u>Motor Power Input</u>	13.20 kW	<u>Inlet+Casing - 125Hz</u>	87 dB
<u>Fan Mechanical Efficiency</u>	80.75 %	<u>Inlet+Casing - 250Hz</u>	81 dB
<u>Fan Static Efficiency</u>	75.18 %	<u>Inlet+Casing - 500Hz</u>	84 dB
<u>Fan - Discharge Vel.</u>	13.7 m/s	<u>Inlet+Casing - 1kHz</u>	67 dB
<u>Fan - Velocity Pressure</u>	111.9 Pa	<u>Inlet+Casing - 2kHz</u>	70 dB
<u>Motor/Fan Heat Temp Rise</u>	2.5 C	<u>Inlet+Casing - 4kHz</u>	58 dB
<u>Motor Full Load Amp</u>	29.90 A	<u>Inlet+Casing - 8kHz</u>	41 dB
<u>Motor Locked Rotor Amp</u>	228.40 A	<u>Inlet+Casing - Overall</u>	83 dBA
<u>Standby Motor Option</u>	No	<u>Casing - 63Hz</u>	94 dB
<u>Standby Drive(Pulley&Belt)</u>	No	<u>Casing - 125Hz</u>	87 dB
<u>Door Handle Type</u>	Hinged	<u>Casing - 250Hz</u>	81 dB
<u>Sight Glass</u>	Yes, same as access side	<u>Casing - 500Hz</u>	84 dB
<u>Service Light</u>	Yes, 220 VAC - 240 VAC	<u>Casing - 1kHz</u>	69 dB
<u>Spare Motor</u>	No	<u>Casing - 2kHz</u>	69 dB
<u>Spare Drive For Duty</u>	No	<u>Casing - 4kHz</u>	58 dB
<u>Motor(Pulley&Belt)</u>		<u>Casing - 8kHz</u>	41 dB
<u>Spare Drive For Stby</u>	No	<u>Casing - Overall</u>	83 dBA
<u>Motor(Pulley&Belt)</u>		<u>Velocity for Eurovent Energy Calculation</u>	2.5 m/s
<u>Motor Protection</u>	Thermistor		
<u>Belt Guard</u>	Yes, Duty Motor only		

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