

RFB3201-2025 SITA BETA : FRESH AIR PACKAGE UNIT



Project: SITA BETA
Specification: Fresh air package unit
Date: 2026/02/06
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Note (1): Bidder must complete/enter YELLOW cells only

Note (2): SITA reserves the right to verify Data Sheet information

Item	Description	Units	Required/specified
1	Location		Roof
2	Number off		1
Capacities (DX coil)			
DEHUMIDIFICATION			
3	Total Cooling Capacity (Dehum)	kW	38,3
4	On Coil Temperature	DB(°C) (0,4%)	22,7°C
5		WB(°C) (0,4%)	20,3°C
6	Off Coil Temperature	DB(°C)	10°C
7	Design Cooling Supply Temp	°C	24C
8	Dehumidification rate	kg/hr	28,0
HUMIDIFICATION			
9	Total Sensible Capacity (HUM Reheat)	kW	21,9
10	On coil temperature	DB(°C)(99,6%)	15
11		WB (°C)	4,1
12	Abs Humidity	g/kg	1,61
13	Off coil temperature	°C	34,1
Humidifier			
14	Steps	No	3-4
15	Capacity	kg/hr	12,4
Fan			
16	Supply Air Quantity	m³/s	1 167
17	Return Air Quantity	m³/s	0
18	Fresh Air Quantity	m³/s	1 167
19	Number of fans	No	1
20	Maximum coil velocity	m/s	2,5
21	Fan Static Pressure (external)	Pa	250
22	Fan Type		EC
Filters			
23	Dry media filter mass arrestance (EN 779)	Pre Filter	G4
24		Filter	F7
Heating Coil			
25	Design Heating Supply Temp	°C	35
Dimensions (approx)			
26	Height x Width x Length	mm	
27	Weight	kg	

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Item	Description	Units	Required/specified
Electrical			
28	Voltage / phase / frequency	V/A/Hz	400/3/50
29	Fan Absorbed Power	kWe	
30	Fan Motor Size	kWe	
31	Compressor EER		>3
32	Compressor Absorbed Power	kWe	
33	Humidifier pump	kWe	
34	Unit Total Power Max	kWe	
35	Starter (auto restart after power outage		VSD
Controls			
28	Control system		Modbus TCP IP/ Bacnet compatible

I, the bidder, confirm that the details provided in this data sheet are true and accurate. I further accept that all goods and/or works will be delivered as specified herein.

[Note (1): SITA reserves the right to verify Data Sheet information]

[Note (2): First convert to PDF, then add signature]

Bidder's Name

Signature (above)