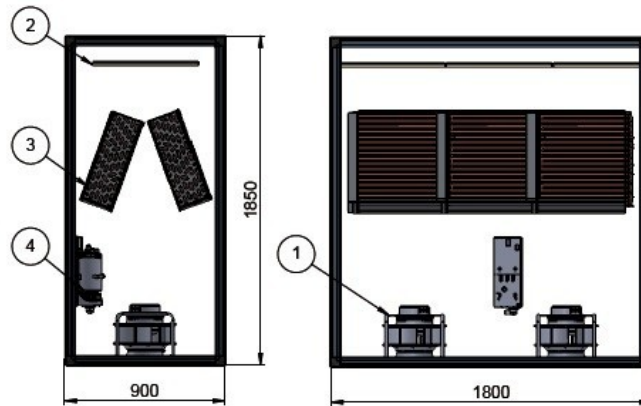


	Offer N°	Pos:	Ago. 2017
	Customer :	Ref. : Maquina Precisao	
	Project: Tribunal de Justiça do Estado do Amazonas	Agency	
	DESIGNED FOR DRY CONDITIONS		
	MODEL BAE080VD02		



Item	QTD	Descrição
1	2	Ventilador Pelum Fan
2	1	Banco de Filtragem
3	1	Trocador de Calor
4	1	Umidificador

Connection side facing along air flow: R

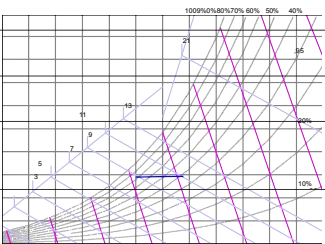
Inspection side facing along air flow: R

Air flow	9650,0 m³/h	Depth	1800,00	Insulation	Po - Polyurethane	Weight	395 kg
Pan	Extern	Ga - Galvanized sheet	Internal	Ga - Galvanized sheet		Thickness	25,00
Profi	PFEA 25						
Technical Space				No			

1	Filter section				
	Description		Filter Quantity		
	Pre filter G4 Efficiency Fiber				
	Cleaned Pressure drops	4 mm.c.a	Pressure drops	10 mm.c.a	End Pressure drops

	Offer N°	Pos:	Ago. 2017
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Direct Expansion coil				
Model	Maximum power		Sensible Power	Sensible Factor
25x22 C S 3 Ranghi p. a. 2.4 mm Cu/Al	7,97 TR / 28,02		7,8 TR / 27,43kW	0,97
Dimensions	Number of rows	Number of circuits	Exchanging surface	
2x 355,6 x 1550,00 mm	3	2x7	56,80 m²	

2	Tube material Copper		Tube thickness 0,30 mm		Fin material Aluminium		Fin thickness 0,10 mm	
	Air side	Temp.	UM	Air	Air	Pressure		
		°	%	m³/h	m/s	mm.c.a		
	In	23,35	48,0	9650,0	2,43	5		
	Out	15,38	81,2					
	Fluid : R410A							
		Temp				Manifolds		
		°						
	Evaporatio	7,00						
	Condensati	50,00						

Q.ty of produced water
0,7 l/h

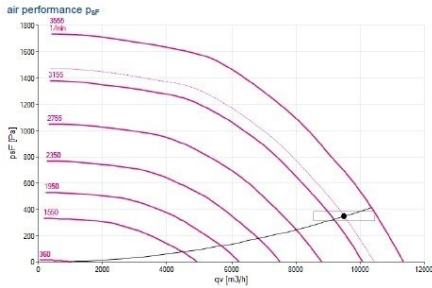
3	Humidifier section			
	Description Single pack humidifier Carel		Pressure drops 0,2	
	Offer N°		Pos:	Ago. 2017
	Customer :		Ref. : Maquina precisao	
	Project: Tribunal de Justiça do Estado do Amazonas		Agency	
	DESIGNED FOR DRY CONDITIONS			
	MODEL		BAE080VD02	

4

Plug Fan (Supply)									
Model GR31C-ZID.DC.1R									
Motor EC Blue arrangement 2[2] - High efficiency motor									
Propeller diameter 310,00					Rotational velocity (RPM) 3269				
Air flow 9650,0 m³/h					power input 2,85 kW				
Total pressure 35					current 4,75 A				
Available static pressure 12					KFactor 95				
Outlet velocity m/s					Efficiency (%) 67,8				

air performance p_{st}

q_v [m³/h]	p_st [Pa] (2000 RPM)	p_st [Pa] (1700 RPM)	p_st [Pa] (1400 RPM)	p_st [Pa] (1100 RPM)	p_st [Pa] (900 RPM)	p_st [Pa] (700 RPM)	p_st [Pa] (500 RPM)	p_st [Pa] (300 RPM)
0	1600	1400	1200	1000	800	600	400	200
2000	1550	1350	1150	950	750	550	350	150
4000	1450	1250	1050	850	650	450	250	100
6000	1300	1100	900	700	500	300	150	50
8000	1100	900	700	500	300	150	50	0
10000	800	600	400	200	50	0	0	0
12000	500	300	100	0	0	0	0	0



Note : EC Motor - Manufacturer Ziehl Abegg or Ebm-Papst	Validity:
	Delivery:

	Date of delivery:
	Quantity: 1