

## Heat Pipe Section

Date:	9/5/2017
Customer:	ccc
Project Name:	xxx
Reference Number	ggg



Brand Name:	Karyergroup	Model:	
Refrigerant:	R134A	Heat Pipe Type :	Vertical Heat Pipe (VHP)
Altitude:	0 m	Fin Spacing:	2.1 mm
		Rows#:	3

### Cooling Input Data

On Coil Dry Bulb Temp.	21	C	Enthalpy:	39.9756	KJ/KG
Air Flow Rate :	3600	M3/HR	Fin Length:	1	m
RH%:	46	%	Fin Height:	1	m
Humidity Ratio:	7.4012	g/Kg			

### Cooling Output Data

Off Coil Dry Bulb Temp.:	13.97	C	Pre Cooling Capacity :	8.60	KW
On Coil Wet Bulb Temp:	11.27	C	Static Pressue:	18.0000	pa
RH%:	72.1	%	Temp. Effectiveness:	54.0769	%
Humidty Ratio:	7.4081	g/Kg	Face Area:	1.0000	m2
Enthalpy:	34.4916	KJ/KG	Face Velocity:	1.0000	m/s

### Heating Input Data

On Coil Dry Bulb Temp.	8	C	Enthalpy:	27.1695	KJ/KG
Air Flow Rate :	3600	M3/HR	Fin Length:	1	m
RH%:	90	%	Fin Height:	1	m
Humidity Ratio:	6.2034	g/Kg			

### Heating Output Data

Off Coil Dry Bulb Temp.:	15.17	C	Pre Heating Capacity :	8.44	KW
On Coil Wet Bulb Temp:	10.56	C	Static Pressue:	18.0000	pa
RH%:	55.9	%	Temp. Effectiveness:	55.1538	%
Humidty Ratio:	6.2096	g/Kg	Face Area:	1.0000	m2
Enthalpy:	32.3059	KJ/KG	Face Velocity:	1.0000	m/s

Price:	1,554.0585	Euro	Weight:	81.099	Kg
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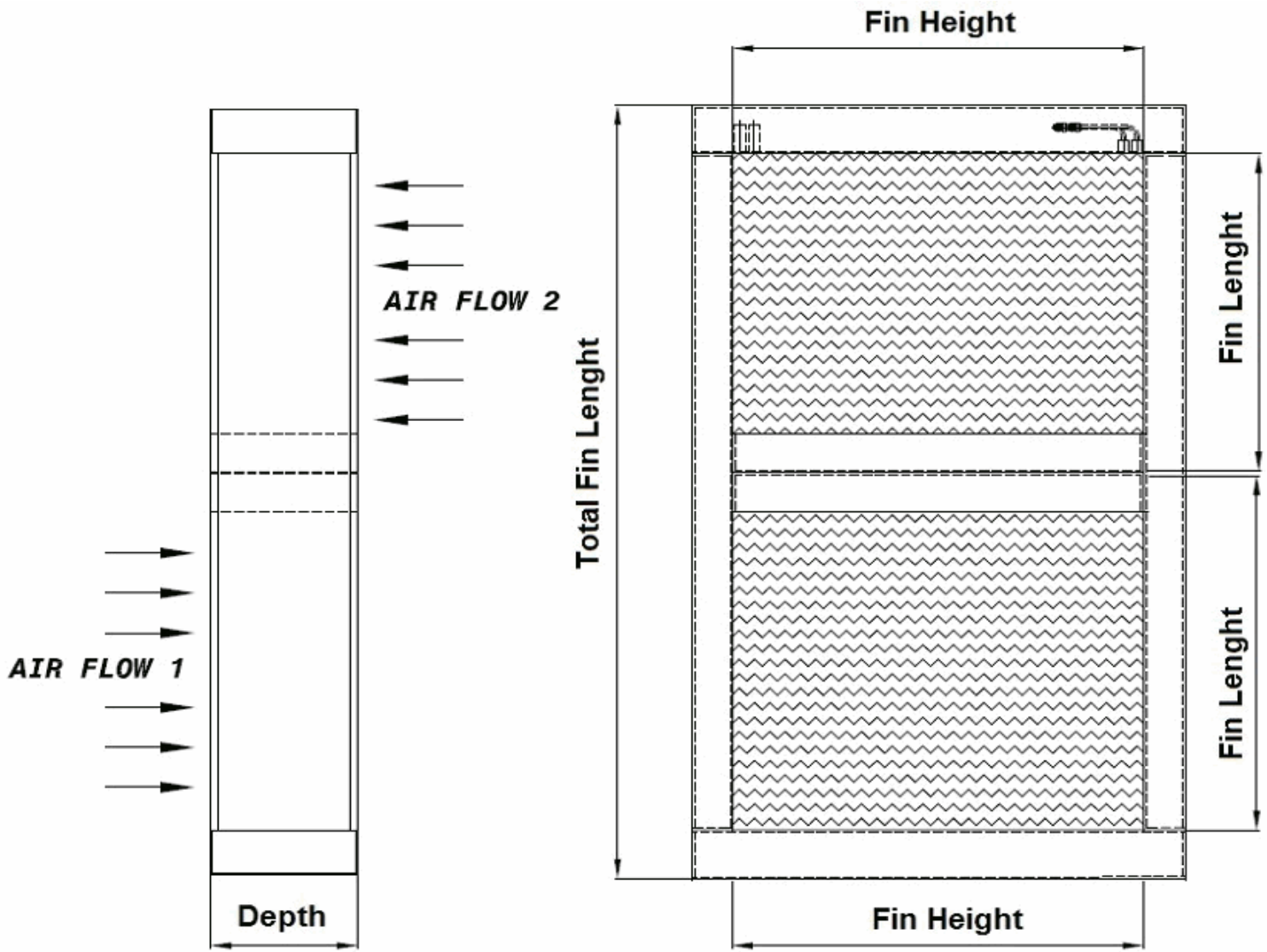
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Prepared By :	
Checked By :	
Approved By :	