Closed Coil Design Software

ENSOTEK

Units: SI

Project Name:

Date: 12/28/2020 11:55:46 AM

Capacity:	200000	W			
Air Flow:	50000	m3/h	Water In Temp.:	50	¢C
Fluid Type:	Water		Water Out Temp.:	40	¢C
Coil Size:	3/4		Coil Length:	3	m
Outer Diameter:	0.0269	m	Coil Width:	1.5	m
Inner Diameter:	0.0219	m	Tube Shape:	Smooth	
Altitude:	0	m			
On Coil Dry Bulb Temp.:	27	¢C			
On Coil Wet Bulb Temp.:	24	¢C			

SPECIFICATIONS

Vertical Pitch:	0.032	m
Horizontal Pitch:	0.115	m
Row No.:	3	
Tube No. per Row:	94	
Circuit No.:	47	

PERFORMANCE

Capacity:	428287.76	W
Off Coil Temp.:	29.78	¢C
Water Flow Rate:	10.25	l/s
Fluid Pressure Drop:	4.06	kPa
Header size:	89	mm
Connection Size:	76	mm

Prepared By:

Checked By:

Approved By: