

Closed Coil Design Software

Units: SI

Project Name: test

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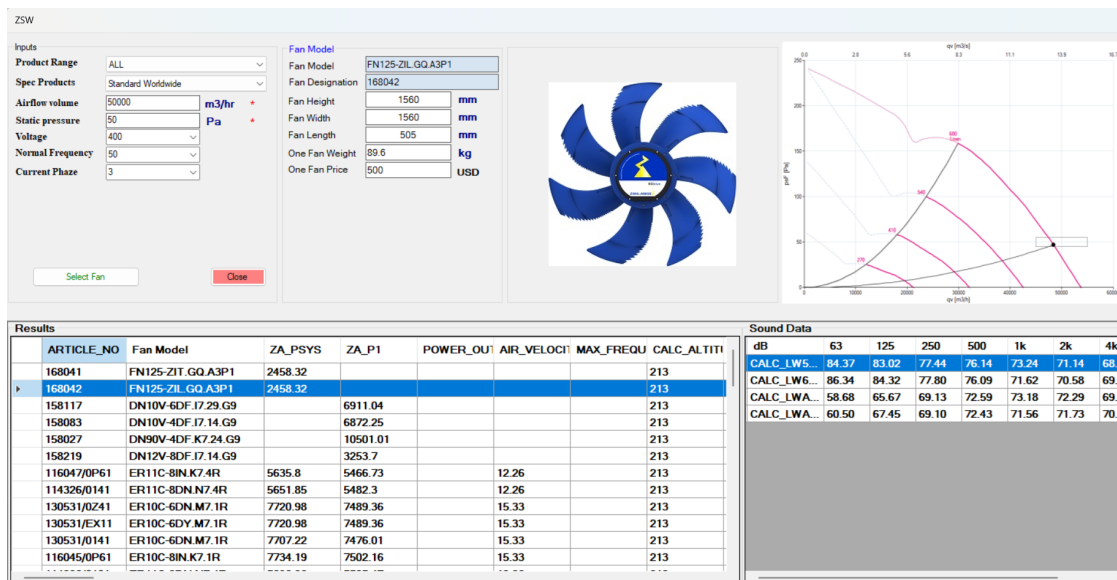
Capacity:	1400000	W		
Air Flow:	150000	m3/h	Water In Temp.:	49 °C
Fluid Type:	Water		Water Out Temp.:	38 °C
Coil Size:	5/8		Coil Length:	2.8 m
Outer Diameter:	0.015875	m	Coil Width:	2.8 m
Inner Diameter:	0.014875	m	Tube Shape:	Smooth
Altitude:	0	m		
On Coil Dry Bulb Temp.:	35	°C		
On Coil Wet Bulb Temp.:	27	°C		

SPECIFICATIONS

Vertical Pitch:	0.038	m
Horizontal Pitch:	0.033	m
Row No.:	21	
Tube No. per Row:	42	
Circuit No.:	85	
Fill Area:	325	m ²
Cooling Tower Flow Rate:	35	L/S
Cooling Tower Capacity:	1462287	W

PERFORMANCE

Capacity:	1406508.97	W
Water Flow Rate:	30.6	l/s
Fluid Pressure Drop:	1275.86	kPa
Header size:	200	mm
Connection Size:	150	mm
Fan Qty:	3	
Tube Bank Height:	1.596	m → [0.038 * 42]



Prepared By:

Checked By:

Approved By: