

FRIGOTHERM ENGINEERING (PTY) LTD

Heat Exchangers AFT

Request for Quotation

Design Data Questionnaire : Air Blast Blower / Compressor After Coolers

In order to evaluate the design data and to ensure that any equipment subsequently selected and purchased will be compatible with the end user's requirement, certain minimum data is required. Please enter the operational data below.

In case of special media other than air or nitrogen, their physical properties are required.

Quote Reference	<input type="text"/>	Equipment Description	<input type="text"/>
Customer	<input type="text"/>	Date	<input type="text"/>
Fax Number	<input type="text"/>	Telephone Number	<input type="text"/>
Contact Person	<input type="text"/>	email	<input type="text"/>

HOT MEDIUM

COOLING MEDIUM

Media

Air Nitrogen Other

Air

Inlet Temperature	<input type="text"/>	deg C
Outlet Temperature	<input type="text"/>	deg C
Volume Flow (FAD)	<input type="text"/>	m3/min
Discharge Pressure	<input type="text"/>	bar A
Atmospheric Pressure	<input type="text"/>	bar A
Allowed Pressure Drop	<input type="text"/>	kPa
Relative Humidity	<input type="text"/>	%

Inlet Temperature	<input type="text"/>	deg C
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Physical Properties

Specify Other Media:

Density	<input type="text"/>	kg/m3
Specific Heat	<input type="text"/>	kJ/kgK
Thermal Conductivity	<input type="text"/>	W/mK
Dynamic Viscosity	<input type="text"/>	mPas

Complete the adjacent blocks in case of special media.

Location	<input type="text"/>	masl
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Fan Drive	Voltage	<input type="radio"/> 380VAC <input type="radio"/> 525VAC <input type="radio"/> 12VDC <input type="radio"/> 24VDC <input type="radio"/> Other	Specify	<input type="text"/>		
	Frequency	<input type="radio"/> 50Hz <input type="radio"/> 60Hz	Protection	<input type="radio"/> IP55 <input type="radio"/> IP66	Material	<input type="radio"/> Aluminium <input type="radio"/> Cast Iron
	Supplier	<input type="radio"/> Siemens <input type="radio"/> WEG <input type="radio"/> Other	Specify	<input type="text"/>		

Corrosion Protection	<input type="checkbox"/> Hot Dip Galvanised
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Materials of Radiator	<input type="radio"/> AISI 316 <input type="radio"/> AISI 304 <input type="radio"/> C.Steel
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Maximum Dimensions	<input type="text"/> m (W)	<input type="text"/> m (H)	<input type="text"/> m (D)
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Documentation	<input type="checkbox"/> Material Certificates	<input type="checkbox"/> Pressure Test Certificate	<input type="checkbox"/> Third Party Inspection	<input type="checkbox"/> QCP
	<input type="checkbox"/> Stress Calculation	<input type="checkbox"/> Thermal Design Calculation	<input type="checkbox"/> Parts List and Material Data	

Notes