

**BLOWER
SPECIFICATION SHEET**

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Package No.	Project:	Rev.	0
1 Tag No.	PP-218		
2 Unit		Number of Units	1
3			
4 Service	Ethylene Dichloride (EDC)	Inquiry No.	-
5 Size & Type	-	Quote No.	-
6 Supplier	-	P.O. No.	-
7 Manufacturer	-	Job No.	-
8 Model	-	Serial No.	-
9			

OPERATING CONDITIONS

Gas Handled : EDC

Molecular Weight : -

Suction Pressure : 10 kPa (a)

Discharge Pressure : 2 bara

Suction Temperature : 50 °C

Discharge Temperature : * °C

Capacity Intake (normal) : 800 A m³/h

Capacity Intake (min) : - A m³/h

Capacity Intake (max) : - A m³/h

"K" value (Cp/Cv) : -

Relative Humidity : 70 %

Altitude : 20 m

Seal Fluid :

Composition : Water

Temperature : 15 °C

Density : - kg/m³

Viscosity : - cP

Vapor Pressure : - bara

Heat Exchanger Chilled Water :

Inlet Temperature : 10 °C

Outlet Temperature : - °C

Inlet Pressure : 3.00 barg

Allowable Pressure Drop : 0.1 bar

MECHANICAL DATA

Manufacturer : _____

Size & Type : _____

Nozzles	Size	Rating	Facing	Position
Suction				
Discharge				
HE Cooling				
Drain				
Seal Liq.				

CPLG Mfg. : _____

Type : _____

Receiver :

Capacity : * liters

Size : *

Design Pressure : * barg Temp : * °C

☐ Code ☐ Non-Code

Heat Exchanger :

Surface Area : * m²

Duty : * kW

Shell Design : * barg Temp. : * °C

Tube Design : * barg Temp. : * °C

Maximum Casing Pressure : * barg

MATERIALS OF CONSTRUCTION

Pump :

Casing : * Impeller : *

Shaft : *

Shaft Seal : *

Receiver : *

Heat Exchanger :

Shell : *

Tubes : *

Channel : *

Baffles : *

PERFORMANCE

Rated Capacity : * m³/h @ * mm Hg vac.

Pump Speed : * RPM

No. of Stages : *

Rated BHP : *

Seal Fluid Flow Rate : * m³/h

Cooling Water Flow Rate : * m³/h

Rotation Facing Pump End :

☐ Clockwise ☐ Counterclockwise

MOTOR DRIVE DATA

Item No. : _____ Manf. _____

Electric : 400 v 3 ph 50 Hz HP : *

RPM : * Frame : * Bearings : *

Lube : * Full Load Amps : * SF : *

Type : * Insul : * LR Amps : *

Enclosure : Zone 2, Group IIB, T2

ACCESSORIES

Silencer : NA

Control Valve : NA

Solenoid Valve : NA

Separator : NA

Note: This vacuum pump is used to maintain vacuum in our stripper column