

HEAT EXCHANGER

UNIT: HEX003

PERFORMANCE (SHELL)

Maximum Operating Pressure	445 psi (3065 kPa)
Minimum/Maximum Rated Operating Temperature of Vessel	-50°F/392°F (-45°C/200°C)

PERFORMANCE (TUBE)

Maximum Operating Pressure	747 psi (5157 kPa)
Minimum/Maximum Rated Operating Temperature of Vessel	-50°F/392°F (-45°C/200°C)
Surface Area	1,683.5 ft ² (156.4 m ²)

VESSEL DIMENSIONS

Vessel Diameter	35" (896 mm)
Vessel Length	233" (5935 mm)
Shell Inlet Nozzle Size	Cap 26" (660.4 mm)
Shell Outlet Nozzle Size	Cap 26" (660.4 mm)
Shell Drain Nozzle Size	CL300 2" (60.3 mm)
Shell Spare Nozzle Size	CL300 3" (88.9 mm)
Tube Inlet Nozzle Size	Cap 10" (273.1 mm)
Tube Outlet Nozzle Size	Cap 10" (273.1 mm)
Tube Drain Nozzle Size	CL600 2" (60.3 mm)
Tube Vent Nozzle Size	CL600 2" (60.3 mm)



SHIPPING DIMENSIONS

Width	9' – 0" (2.45 m)
Length	25' – 0" (7.62 m)
Height	15' – 9 1/4" (4.80 m)
Weight Estimate	TBD



CERTIFICATION

Vessel	ASME Sec. VIII Div. 1
Province(s) of Registration	AB
Sour Service	NACE MR0175