

DEHYDRATOR

UNIT: DH01

PERFORMANCE

Maximum Operating Pressure	1410 psi (9720 kPa)
Minimum/Maximum Rated Operating Temperature of Vessel	-20°F/150°F (-29°C/65.5°C)
Maximum Gas Rate	Please Call for Details

GLYCOL CONTACTOR

Vessel Diameter	36" (914 mm)
Vessel Height S/S	34' (10,363 mm)
Trays @ Spacing	10 @ 24" (610 mm)
Integral Separator/Scrubber	Yes
Separator Length	10' – 0" (3,048 mm)
Separator Phases	3 Phase
Inlet Nozzle Size	6" (168.3 mm)
Gas Outlet Nozzle Size	6" (168.3 mm)



REGENERATOR

Reboiler	36" x 10'-0" (914 x 3,048 mm)
Accumulator	36" x 8'-0" (914 x 2,438 mm)
Firetube	10" OD (254 mm)
Stack	12" OD (305 mm)
Still Column	12" x 5' (305 x 1524 mm)
Stripping Column	12" x 24" (305 x 609.6 mm)
Flame Arrested Burner	500,000 BTU/hr
Burner Management System	ProFire
Model	2100
Voltage	24 V DC



OTHER EQUIPMENT

Gas/Glycol Heat Exchanger	8" x 6" (203 mm x 152 mm)
Air/Glycol Heat Exchanger	2" x 10', 5-Pass, Fintube
Fuel Gas Scrubber	16" (406 mm), 270 psi
Fuel Gas Meter	2" CL150 Daniels Senior
Fuel Gas	Barton Chart Recorder
Catalytic Heaters	16,000 BTU/hr, 24 12V start
Exhaust Fan	¼ hp, 120V/1ph/60hz 12 ACPH
Glycol Filter	5 micron cartridge
Charcoal Filter	Included

SHIPPING DIMENSIONS

Width	13' 6" (4.11 m)
Length	24' (7.3 m)
Height (excl. tower)	14' 6" (4.4 m)
Weight Estimate (excl. tower)	TBD
Weight Estimate (tower)	TBD

CERTIFICATION

Vessels	ASME Sec. VIII
Piping	ASME B31.3
Structural	CWB
Electrical	CSA
Province(s) of Registration	AB, BC
Area Classification	Zone 2
Sour	Yes

PUMPS – 2

Make	Union
Model	DX-5
Capacity	292 GPH (1105 L/hr)
Maximum Working Pressure	1480 psi (10,204 kPa)

