

DEHYDRATOR

UNIT: DH02

PERFORMANCE

Maximum Operating Pressure	1415 psi (9756 kPa)
Minimum/Maximum Rated Operating Temperature of Vessel	-20°F/150°F (-29°C/56°C)
Maximum Gas Rate	Please Call for Details

GLYCOL CONTACTOR

Vessel Diameter	16" (406 mm)
Vessel Height S/S	28' (8534 mm)
Trays @ Spacing	8 @ 24" (610 mm)
Integral Separator/Scrubber	Yes
Separator Length	7'6" (2286 mm)
Separator Phases	3 Phase (3 rd Plugged)
Inlet Nozzle Size	3" (88.9 mm)
Gas Outlet Nozzle Size	3" (88.9 mm)



REGENERATOR

Reboiler	16" x 54" (406 x 1321 mm)
Accumulator	16" x 37" (406 x 940 mm)
Firetube	4.5" x 6" (114.3 x 168.3 mm)
Stack	4.5" x 10' (114.3 x 3048 mm)
Still Column	6.625" x 63" (168.3 x 1600 mm)
Stripping Column	6.625" x 40" (168.3 x 1016 mm)
Flame Arrested Burner	100,000 BTU/hr
Burner Management System	ProFire
Model	1100
Voltage	24 V DC



OTHER EQUIPMENT

Gas/Glycol Heat Exchanger	4.5" x 10' (114.3 x 3048 mm)
Air/Glycol Heat Exchanger	1" x 4', 4-Pass, Fintube
Fuel Gas Scrubber	12.75" (323.8 mm), 250 psi
Fuel Gas Meter	2" cI150 Simplex
Fuel Gas MVS	SCADAscene MVT
Catalytic Heaters	(2ea) 8,000 BTU/hr, 120 V start
Exhaust Fan	¼ hp, 120V/1ph/60hz 12 ACPH
Glycol Filter	25 micron cartridge
Charcoal Filter	Included

SHIPPING DIMENSIONS

Width	9' (2.74 m)
Length	19' (5.79 m)
Height (excl. tower)	To be confirmed
Weight Estimate (excl. tower)	9,500 lbs. (4,310 kg)
Weight Estimate (tower)	5,000 lbs. (2,270 kg)

CERTIFICATION

Vessels	ASME Sec. VIII
Piping	ASME B31.3
Structural	CWB
Electrical	CSA
Province(s) of Registration	AB, BC, SK
Area Classification	Non-Classified General
Sour	No



PUMPS

Make	(2ea) Kimray
Model	4015 PV
Capacity	40 GPH (150 L/hr)
Maximum Working Pressure	1500 psi (10,343 kPa)