



600 HP Hydrocarbon Dew Point Control Package

COMPASS MODEL NO: 11MMRGP-DET800-DPT650

Application:	Hydrocarbon Dew Point Refrigeration Package
Customer Objective:	Associated gas dewpoint control and propane recovery
Design Challenges:	Very 'rich' associated gas, propane recovery, fractionation / Aggressive delivery schedule / Project realization and funding
Compass Solution:	Cascade de-ethanizer and de-propanizer columns. De-propanizer with complete condensing reflux system / Dedicated project team complete with executive sponsors / Compass was a participant in the bridge financing of the project

Major Equipment Specifications

Gas Flowrate Capacity:
311 E3m³/d (11 MMSCFD)

HCL Flowrate Capacity:
50 m³/d (314 bbl/d) Propane / 59 m³/d (370 bbl/d) Butanes plus

Refrigerant Compressor:
Frick SGC-2317

Driver:
Electric Motor – 447 kW (600 HP)

Air Cooler:
AXH Air-Coolers 108ZF (Product Condenser/Cooler) / 156ZF (Refrigerant Condenser)

Control Panel:
Allan Bradley CompactLogix Control Panel

Other Features:
6.1m x 13.4m (20 ft x 44 ft) Single skid for all process equipment except air exchangers

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