



Horizontal 3 Phase Sour Inlet Separator Package

COMPASS MODEL NO: HORIZONTAL INLET SEPARATOR

- Application:** Gas Processing Plant Inlet Facilities
- Objective:** To provide primary inlet fluid & gas separation with slug catching capability
- Design Challenges:** Minimize field assembly & reduced transportation costs to a remote area
- Compass Solution:** We designed & constructed a custom built, operator friendly configuration that minimizes the over-all package footprint while providing excellent operator access to control stations. Reduced transportation costs due to compact size of the finished package.

Major Equipment Specifications

Design Capabilities:

150 MMSCFD @ 75 psig with 195 BBL/d liquids & 63 BBL slug capacity

Separator:

96" ID x 28'-0" s/s, 1430 psig @ 125/-40°F

Boot:

20" OD x 24" long, fixed 3 phase weir

Other Features:

3.5" thick / NACE compliant, 100% radiography, PWHT / Interconnecting piping including vessel bridles / Skid level 12" 600# AGA meter run for ease of operator access / Turbine meters on liquids / Fully automated control system / Fully housed, winterized and heated (16'-6" W x 29' L) / Complete plant fuel gas let down system

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