



250 HP Acid Gas Reciprocating Compressor Package (Custom Unit)

COMPASS MODEL NO: EM250-RAA4

Application:	Acid Gas Injection
Location:	Dawson Creek, British Columbia
Customer Objective:	An acid gas injection reciprocating compressor package
Design Challenges:	Acid gas composition 60% H ₂ S, 30% CO ₂ , 10% H ₂ O
Compass Solution:	Compass constructed a custom 5-stage, reciprocating, electric drive, acid gas injection package.

This package required a high level of engineering to ensure operability and a minimal level of maintenance. It incorporated Compass' acid gas injection standards which includes full stainless steel process construction.

Major Equipment Specifications

Compressor:

Ariel JGA/4, (1) 13.500" JG, (1) 8.500" JG, (1) 5.125" JG, (1) 4.750" JG-CE, (1) 2.750" JG-HE cylinders

Drive:

Marathon 250 HP electric motor, 1200 rpm, 480 V / 3 PH / 60 Hz

Air Cooler:

Air-X-Limited 81AEF forced draft cooler assembly, complete with warm air recirculation

Control Panel:

Allen Bradley – Compact Logix PLC control system complete with accessories

Other Features:

Full stainless steel weld package (vessels, piping, valves and instrumentation)

Phone:
403-262-2487

Toll Free (North America):
1-855-262-2487

Email:
info@compassrg.com

compassrg.com