

WET GAS COMPRESSOR

NEW COMPRESSION ELEMENT

COST EFFECTIVELY **INCREASE PRODUCTION** WITH NO HASSLE



KEY FEATURES

- ✓ Large swept volume
- ✓ High compression ratio
- ✓ Low cost – easy to replace wear parts
- ✓ Low speed long stroke compression cycle
- ✓ Liquid handling capability – can process 100% liquids, at reduced capacity, and up to 5% of displacement at full speed
- ✓ Automatic inlet pressure control
- ✓ 100% turndown
- ✓ High shut in pressure rating – 1100 psi standard, 1500 optional – typically no ESD required
- ✓ No pneumatic valves, separator or liquid pumps
- ✓ Variable speed drive with proprietary control software
- ✓ Auto start/stop, automatic restart after power outage
- ✓ Cellular monitoring system
- ✓ Superior user interface – web browser HMI
- ✓ NHSP (No Hassle Service Plan) & SkyView

- ▶ PROCESSES LIQUIDS
- ▶ WORKS WITH ANY LIFT SYSTEM
- ▶ NO PNEUMATIC VALVES OR VESSELS
- ▶ AUTOMATED CAPACITY CONTROL
- ▶ SKYVIEW REMOTE MONITORING
- ▶ SET & FORGET PLC CONTROL

BENEFITS

- ✓ Decreases casing pressure at wellhead to increase production – cost effectively
- ✓ Plug and play setup
- ✓ Easily add capacity with multiple units
- ✓ Ideal for adding/relocating capacity for vapour recovery
- ✓ Reduces head and power requirements for downhole pumps
- ✓ Low capital and operating cost
- ✓ Very quick turnaround for repair and maintenance

sales@compactcompression.com
<https://www.compactcompression.com>



#8, 1820 – 30th Avenue NE, Calgary, AB T2E 7M5
Telephone: (403) 219-3026 Fax: (403) 717-1759

FLEXIBLE • RELIABLE • ECONOMICAL • PORTABLE • OPERATOR FRIENDLY



APPLICATIONS

- ✓ Lower Casing / Flowline Pressures To Access Additional Production Inflow
- ✓ Casing Gas Compression (Sweet & Sour Service)
- ✓ Tank Vapour Recovery
- ✓ Modular Vapour Recovery
- ✓ Compressor Seal Vapour Recovery
- ✓ Field Production Optimization
- ✓ Flaring / Venting Reduction
- ✓ Frac Flowback Gas Recovery
- ✓ Gas Recovery From Treaters/Separators
- ✓ Low Pressure Simple Point Gas Lift
- ✓ Pressure Boosting
- ✓ SAGD / CSS Production Optimization

OPTIONS

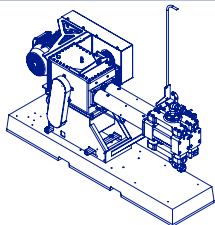
- ✓ Optional Satellite monitoring system
- ✓ 3" cylinder (550 psi ΔP)
- ✓ 4" cylinder (300 psi ΔP)
- ✓ 1500 psi shut in pressure
- ✓ Flexible Rental Options



WGC30-5 CW1001

DIFFERENTIAL PRESSURE CAPABILITY

Refer to WGC Performance charts for your conditions

WGC	Cylinder	Maximum ΔP
	3"	550 psi
	4"	300 psi
	5"	200 psi

CASE STUDY

An operator in the Cardium play in West-Central Alberta was looking to improve production from two gas wells by reducing wellhead pressure, as is normally done. However, due to liquid loading from water and condensate, the two wells each had plunger lift systems installed. Conventional compressors would be overwhelmed with the liquid volume lifted with each plunger cycle. The WGC30-5 was chosen for its ability to process slugs of liquid through the compressor without any additional separator vessels and process controls. Wellhead pressure was decreased from 150 psi to 75 psi, resulting in a 30% improvement to gas and condensate production.



WGC30-5 CW1007

sales@compactcompression.com

<https://www.compactcompression.com>



#8, 1820 – 30th Avenue NE, Calgary, AB T2E 7M5
Telephone: (403) 219-3026 Fax: (403) 717-1759

FLEXIBLE • RELIABLE • ECONOMICAL • PORTABLE • OPERATOR FRIENDLY

