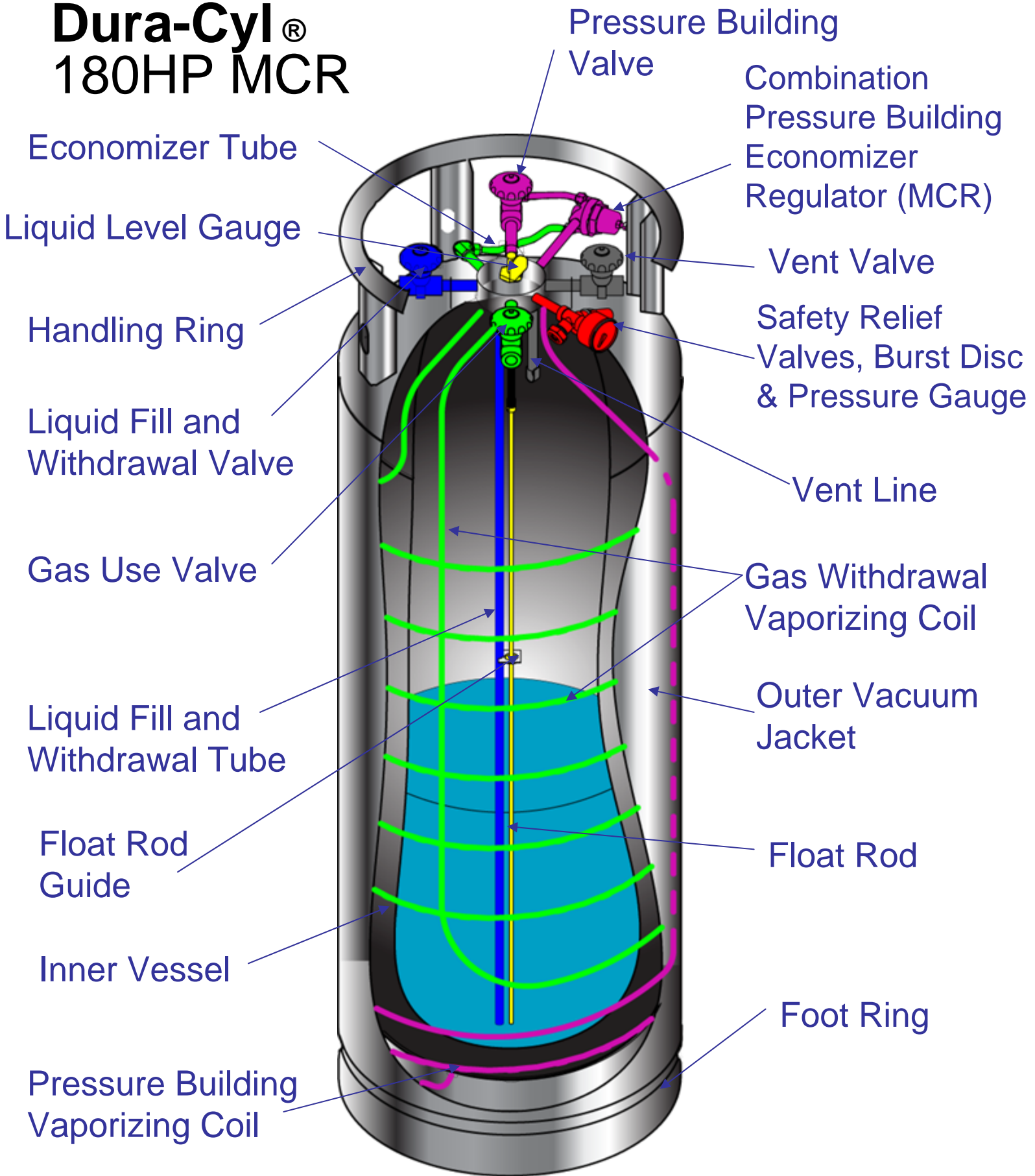


Dura-Cyl[®] 180HP MCR

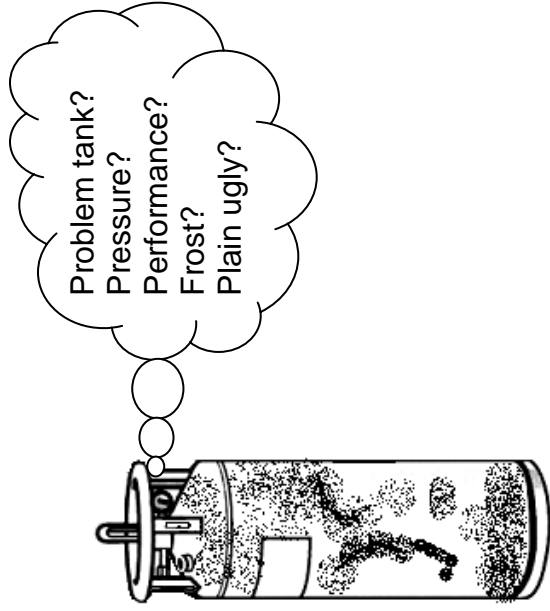


Company Confidential



Innovation. Experience. Performance.®

Problem Tanks



Pressure

Tank Pressure

Low

High

PB isolation valve open?

Regulator out of adjustment
Remove & bench test

Regulator defective?
Rebuild or replace

Huge leak, listen, frost on lines. Leak check top

Contaminants plugging PB coil inside cyl

Deep dents on side of cyl toward bottom

Low usage – min daily 100 SCFH

Application – Liquid only = no gas used

Regulator out of adjustment
Remove & bench test

Regulator defective?
Rebuild or replace

May indicate bad vacuum – Pressure rise test
NER test

Performance

Right cylinder for application – LP = liquid withdrawal HP = high withdrawal Laser = high pressure, high withdrawal

Refer to mfgs operating manual for proper pressure and delivery specifications

Provide larger capacity cyl when needed

Provide added vaporizer when required

Frost without use = leak or defective insulation

Frost on side of tank without use = leak in Gas Use Line

Frost near bottom of tank = leak in plumbing and cyl is trying to build pressure

Defective or leaks in valves or safety devices

Frost over entire cyl with out use = bad vacuum – NER test

Frost

Frost on top of cyl is normal after fill

Frost on side of cyl is normal during or after use.

Frost over entire cyl is normal with high rates of withdrawal

