

MP50 SERIES | DATA SHEET



MP52 & 53

LIQUID BUFFER / BARRIER FLUID

MP52/53A

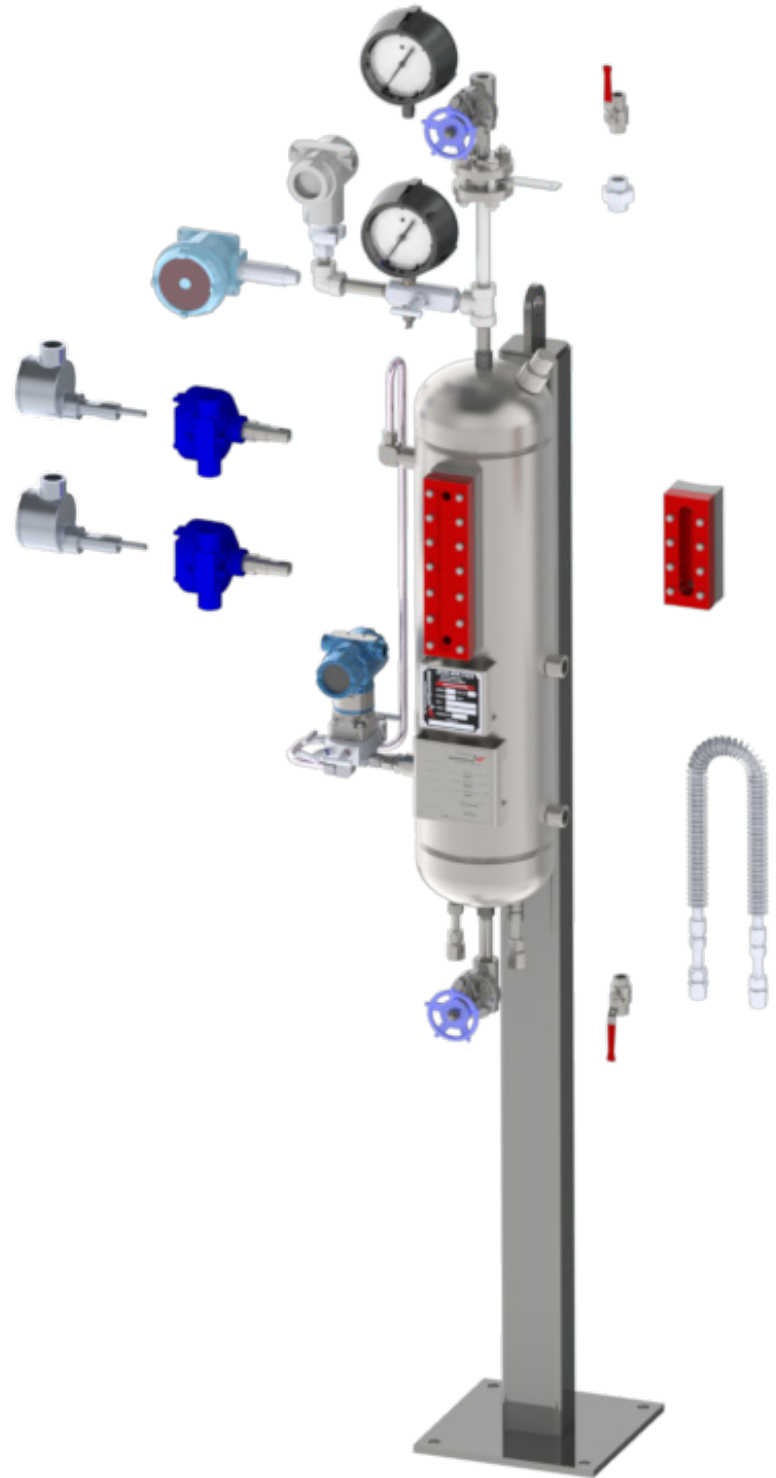
MP52 supports liquid buffer fluid for a containment seal chamber that is at a pressure less than the primary seal chamber pressure. MP53A supplies a liquid barrier fluid to the dual seal assembly at a higher pressure than the seal chamber.

FEATURES

- System designed to ASME code Section VIII Div. I, Section IX Weld Procedures
- ASME U stamp available National Board DFAR compliant materials
- Designed to MAWP of pump
- Removable head available

APPLICATION

API 682 Plan 52
API 682 Plan 53A



STANDARD 4-6 WEEK DELIVERY

MP53B

External barrier fluid pressurized by a bladder accumulator. Supplies clean barrier fluid to the dual seal at a pressure greater than the seal chamber.

FEATURES

- U stamp accumulator standard
- 5-10 gallon capacity
- Air or water cooled available
- Integral barrier fluid make up pump

APPLICATION

API 682 Plan 53B



53B ACCUMULATOR

53B NATURAL CONVECTION



53C

MP53C

External barrier fluid pressurized by a piston accumulator. Supplies clean barrier fluid to the dual seal at a pressure greater than the seal chamber.

FEATURES

- Integral head porting eliminates pigtail design
- U stamp coded vessel design
- Magnetic level indication available



APPLICATION

API 682 Plan 53C