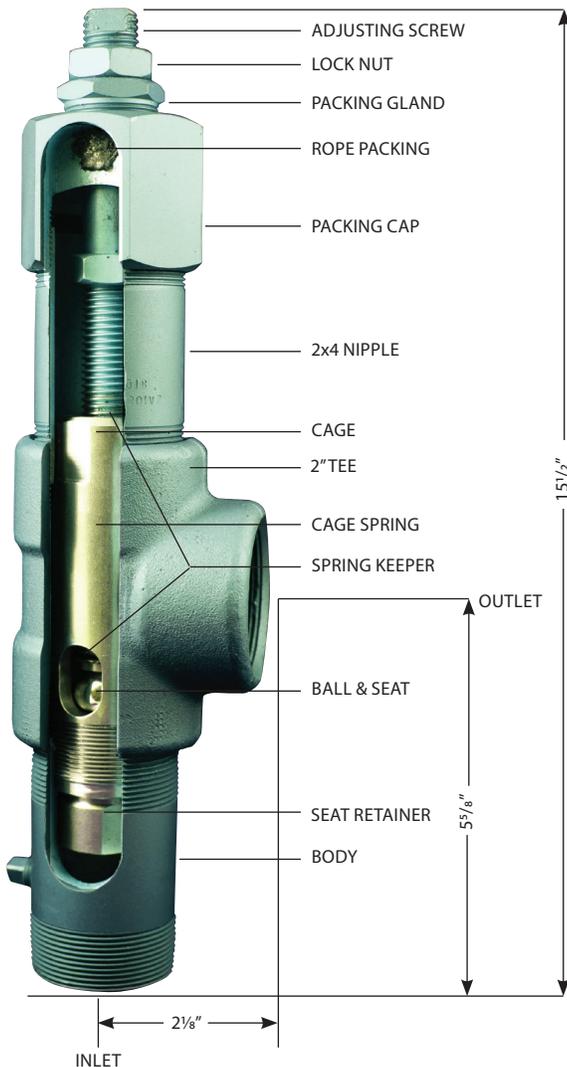


2" and 3" BPR® BACK PRESSURE REGULATOR (OLD STYLE)



770-7702-2 & 773-7702-3



The Baird "Old Style" BPR® was made in 1950. Ever since that time, the Baird Back Pressure Regulator has been universally accepted by the oil and gas industry as a sure solution to a variety of production problems. As a result, it is widely stocked in oil field supply stores.

Originally offered in a limited number of models and optional features, today the Baird BPR is available in several models with numerous options designed to serve a broad range of industry applications.

THE BAIRD BACK PRESSURE REGULATOR is offered in 2" and 3" for pressures up to 2500#. It is available in 2" X 11-1/2" thread or 3" line pipe thread. Other available options are: Sheralloy® (Cobalt Base Alloy) Ball and Seat Assembly and a Monel Spring for use in corrosive conditions.

BAIRD RECOMMENDED APPLICATIONS

PARAFFIN

The BPR can maintain a steady pressure on the oil column, allowing gas bubbles to be pumped out of the string before they rupture from lack of external pressure. Paraffin is caused by gas breaking out of the solution in the tubing string.

HEADING UP

For wells that tend to head up and flow, the BPR will maintain a constant pressure on the oil column, assuring a full tubing string at all times. This saves the stuffing box rubbers. A full tubing string will also increase bottom hole pump efficiency.

BY-PASS TO CASING

The BPR can become a by-pass to the casing in the event lead lines freeze or plug.

RELIEF - On separators and casing.

CHECK VALVES - With plastic lines and to insure "Full Line" operation with LACT units.

BAIRD OFFERS A CHOICE OF 3 SPRINGS FOR THE BPR'S

(Interchangeable on 2" or 3" BPR's)

17-7SS SPRING, as normally furnished, will hold pressures from 10-900#. If Regulator is equipped with small bore seat, this spring is approved for pressures up to 1500#. These ratings are for the 2" Regulator. 17-7SS Spring in the 3" Regulator has a rating of 10-500#.

STAINLESS SPRING is an option for a range of 10-500# in the 2" Regulator and 10-200# in the 3" Regulator.

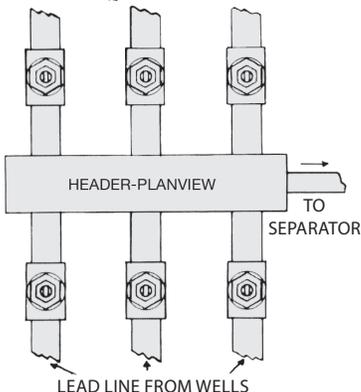
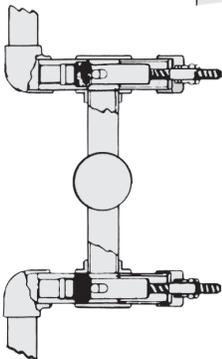
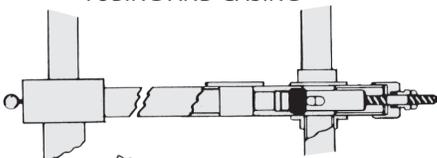
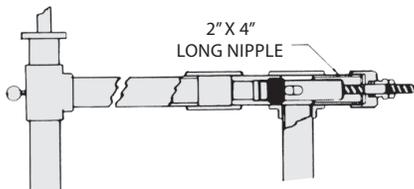
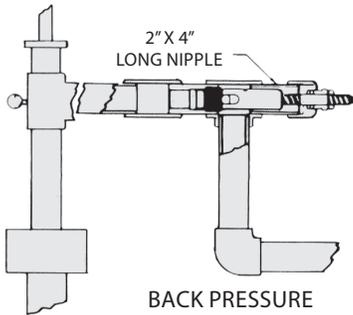
MONEL SPRING is an option where corrosion is a consideration, This spring has a range of 5-200# in the 2" Regulator and 5-50# in the 3" Regulator.



2" & 3" BPR[®] Back Pressure Regulator (OLD STYLE)

770-7702-2 & 773-7702-3

The Original BPR[®] TYPICAL HOOKUPS



BACK PRESSURE REGULATORS

CARBON STEEL PART NUMBER	WORKING PRESSURE RANGE	COIL SPRING MATERIAL	SEAT ORIFICE DIAMETER
770-7702-2-T-2	5-200#	Monel	7/8"
770-7702-2-T-5	10-500#	Stainless	7/8"
770-7702-2-T-9	10-900#	Stainless	7/8"
770-7702-2-T-15	10-1500#	Stainless	11/16"
770-7702-2-HPT-2	5-200#	Monel	7/8"
770-7702-2-HPT-5	10-500#	Stainless	7/8"
770-7702-2-HPT-9	10-900#	Stainless	7/8"
770-7702-2-HPT-15	10-1500#	Stainless	11/16"
770-7702-2-C-2	5-200#	Monel	7/8"
770-7702-2-C-5	10-500#	Stainless	7/8"
770-7702-2-C-9	10-900#	Stainless	7/8"
770-7702-2-C-15	10-1500#	Stainless	11/16"
770-7702-2-HPC-2	5-200#	Monel	7/8"
770-7702-2-HPC-5	10-500#	Stainless	7/8"
770-7702-2-HPC-9	10-900#	Stainless	7/8"
770-7702-2-HPC-15	10-1500#	Stainless	11/16"
773-7702-3-T-50	5-50#	Monel	1-5/16"
773-7702-3-T-200	10-200#	Stainless	1-5/16"
773-7702-3-HPT-400	10-400#	Stainless	1-5/16"
773-7702-3-HPT-500	10-500#	Stainless	1-5/16"

770-7702-2-T
2" Series BPR
Outside Adjustment
w/Std. Tee & Nipple
Carbon Steel / Wt. 13.00#

770-7702-2-HPT
2" Series BPR
Outside Adjustment
w/HP Tee & Nipple
Carbon Steel / Wt. 15.25#

770-7702-2-C
2" Series BPR
Outside Adjustment
w/Std. Cross & Nipple
Carbon Steel / Wt. 16.00#

770-7702-2-HPC
2" Series BPR
Outside Adjustment
w/HP Cross & Nipple
Carbon Steel / Wt. 19.50#

773-7702-3-T & HPC
3" Series BPR
Outside Adjustment
w/Std. Tee & Nipple
Carbon Steel / Wt. 31.00#
"HPT" Wt. 32.00#

MATERIAL SPECIFICATIONS:

- Add "SH" to part number for Sheralloy[®] (Cobalt Base Alloy) Ball & Seat Assembly.

USE ONLY AS DIRECTED

Do not deviate from Manufacturer's recommended pressure range and mode of installation