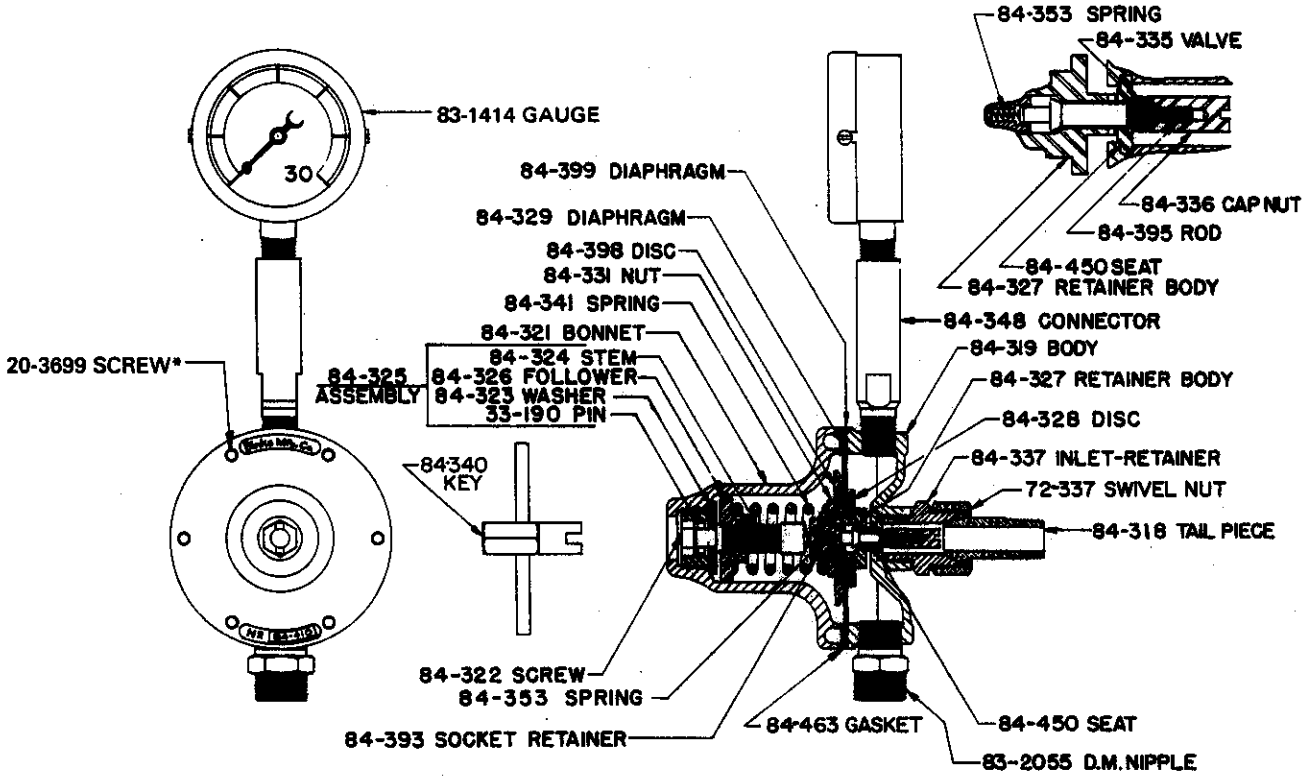
Binks MODEL 84-410 LOW PRESSURE FLUID REGULATOR
STAINLESS STEEL
0-15 P.S.I.



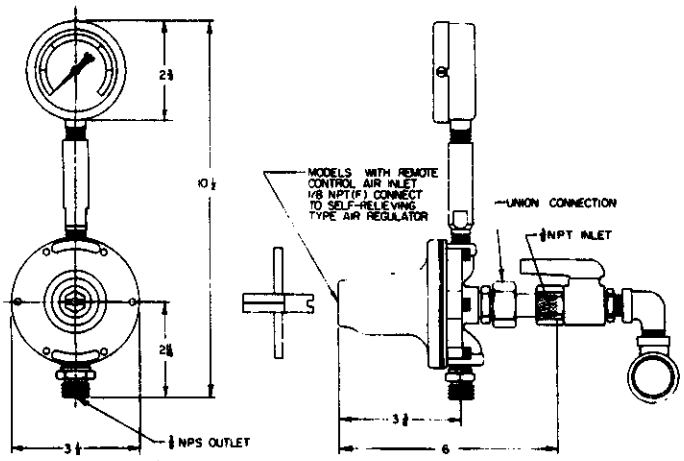
PARTS LIST

PART NO.	DESCRIPTION	QTY.	PART NO.	DESCRIPTION	QTY.
20-3699*	SCREW, 10-24 x 1" Soc. Hd. Cap.	6	84-329	DIAPHRAGM	1
33-190	PIN, 1/2 x 1/8	1	84-331	NUT	1
72-337	NUT, Swivel	1	84-335	VALVE	1
83-1414	GAUGE (0–30 P.S.I.)	1	84-336	NUT, Cap	1
83-2052	LENS, Gauge (Replacement)	1	84-337	RETAINER, Inlet	1
83-2055	NIPPLE, D.M.	1	84-340	KEY	1
84-318	TAILPIECE	1	84-341	SPRING	1
84-319	BODY	1	84-348	CONNECTOR	1
84-321	BONNET	1	84-353	SPRING	1
84-322	SCREW	1	84-393	RETAINER, Socket	1
84-323	WASHER, Thrust	1	84-395	ROD	1
84-324	STEM	1	84-398	DISC	1
84-325	ASSEMBLY, Stem	1	84-399	DIAPHRAGM	1
84-326	FOLLOWER	1	84-450	SEAT	1
84-327	BODY, Retainer	1	84-463	GASKET	1
84-328	DISC	1			

***Before installing, tighten all six 20-3699 Soc. Hd. Cap Screws in regulator flange.**

Binks MODEL 84-410 LOW PRESSURE FLUID REGULATOR STAINLESS STEEL

INSTALLATION DATA



Before installing, tighten all six 20-3699 Soc. Hd. Cap Screws in regulator flange.

Installation is simplified by the use of a swivel nut inlet connection (see photo). This is standard on all models; it eliminates the cost of a union, and provides a quick and convenient method to easily remove the unit from the line.

NOTE: Due to variations in diaphragm stretch, fluid flow may not shut-off when the pressure is backed off to zero. Install an inlet valve if complete shut-off is required.

Regulation Range	1-12 p.s.i.	0.84 Kg/CM^2
Max. Rec. Flow	12 Oz./Min.	357 C.C./Min.
Max. Inlet Press.	100 p.s.i.	7 Kg/CM^2

OPERATING INSTRUCTIONS

MOUNTING: Regulator (3/8" N.P.T.(M) Inlet) may be mounted in either a horizontal or vertical position. However, in *all* cases: to operate properly, gauge riser tube *must* be in a vertical position.

REGULATION: Use slotted end of key. Clockwise rotation increases pressure; counter-clockwise rotation reduces pressure.

NOTE: Fluid should be flowing through regulator when regulating pressure

BLOW BACK: Use hexagon end of key. Turn counter-clockwise and gauge will read inlet pressure (main line pressure).

To shut off, turn key clockwise and gauge will return to normal regulated reading when flow begins.

CAUTION: When blowing back to reverse-flush regulator, be sure air pressure *does not* exceed maximum rating of gauge.

BUZZING: When regulated pressure climbs, it normally indicates dirt on the seat; trigger gun rapidly to flush seat. If climbing continues, open regulator to main line to flush. If climbing still persists, replace valve and seat.

SERVICE INSTRUCTIONS

TO REPLACE FLUID VALVE & SEAT: Remove regulator from line by loosening the swivel nut; always blow back regulator before removing. At inlet, remove (counter-clockwise rotation) slotted cap nut with screw driver; ball valve will slide off rod. Unscrew (counter-clockwise rotation) hexagon inlet retainer; valve seat will be moved with retainer.

Remove valve seat from retainer and replace if worn. Ball valve may be reversed and reused unless both sides are worn.

To Reassemble: Insert valve seat into retainer; note position of shoulder. Place ball valve on rod, and screw cap nut on rod and tighten. Screw hex retainer on to body and tighten. *Regulator requires no adjustments.*

TO REPLACE DIAPHRAGM: Remove regulator from line. At inlet, remove slotted cap nut with screw driver; ball valve will slide off rod.

Remove bonnet by loosening (6) socket head cap screws. Clamp diaphragm assembly in vise, loosen 84-331 Nut and remove diaphragm.

To Reassemble: Reverse above procedure.

Revision: Footnote "*" added.

Printed in USA 7/87