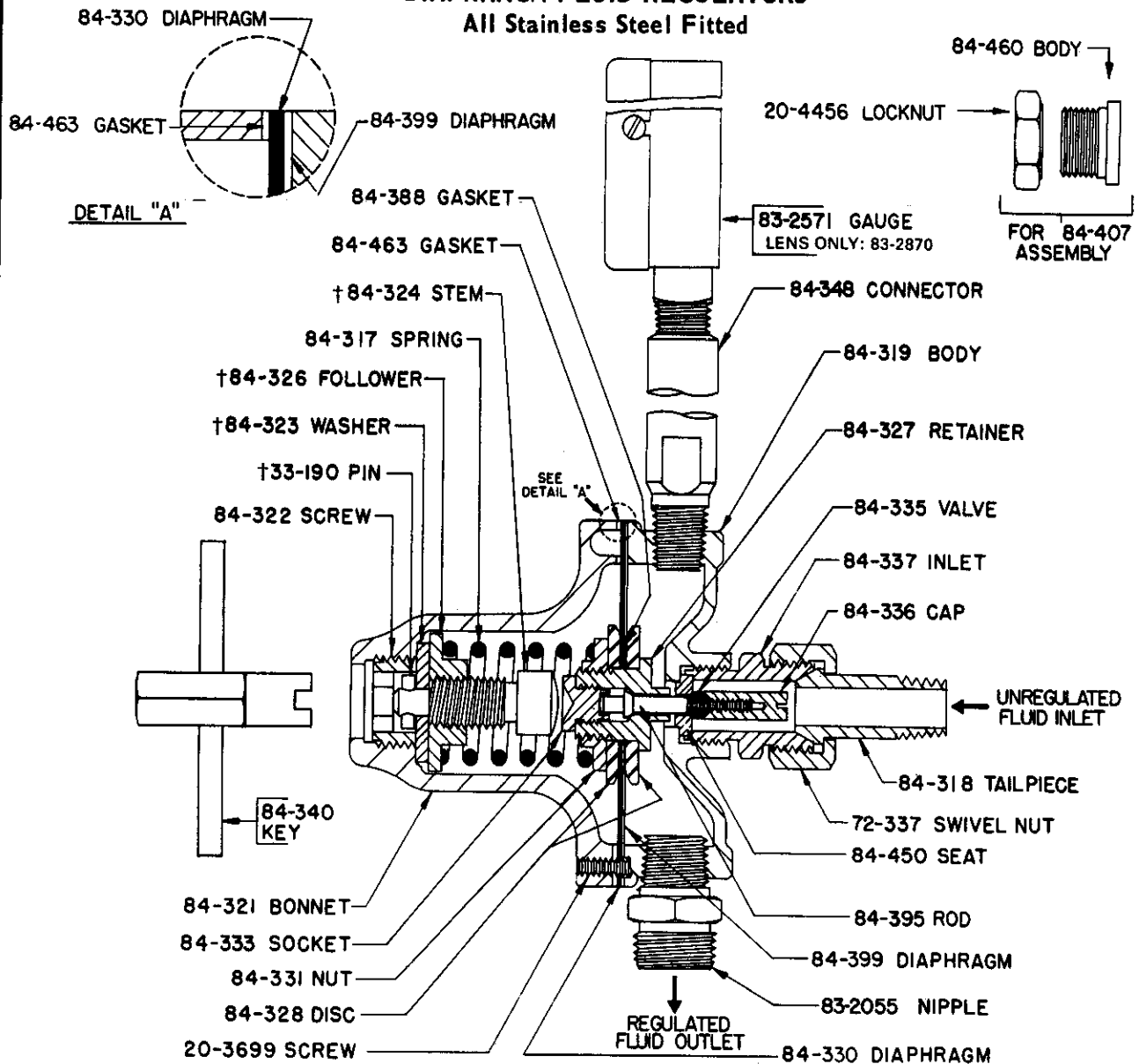


**Binks MODELS 84-320 (Key Operated) & 84-407 (Remote Control) STANDARD PRESSURE
DIAPHRAGM FLUID REGULATORS**

All Stainless Steel Fitted



PARTS LIST

PART NO.	DESCRIPTION	QTY.	PART NO.	DESCRIPTION	QTY.
20-3699*	SOC. HD. CAP SCREW, 10-24 x 1 in. long	6	84-330	DIAPHRAGM (Nylon)	1
20-4456	LOCK NUT (84-407)	1	84-331	NUT	1
33-1901*	PIN	1	84-333	SOCKET RETAINER	1
72-337	SWIVEL NUT	1	84-335	VALVE	1
83-2055	D.M. NIPPLE	1	84-336	CAP NUT	1
83-2571	GAUGE, 0-100 PSI	1	84-337	INLET	1
83-2870	GAUGE LENS (Replacement)	1	84-340*	KEY	1
84-317*	SPRING	1	84-348	CONNECTOR	1
84-318	TAILPIECE	1	84-388	GASKET	1
84-319	BODY	1	84-395	ROD	1
84-321	BONNET	1	84-399	DIAPHRAGM (Teflon)	1
84-322*	SCREW	1	84-450	SEAT	1
84-323†	WASHER	1	84-460	BODY (84-407 Only)	1
84-324†	STEM	1	84-463	GASKET	1
84-325†	STEM ASSEM	1			
84-326†	FOLLOWER	1			
84-327	RETAINER BODY	1			
84-328	DISC	2			

• Before installing, tighten all flange screws securely.
 † Parts included in 84-325 Stem Ass'y.
 * Parts used only on Model 84-320 Regulator.

Binks Manufacturing Company, 1983. All Rights Reserved.

Binks Sames Corporation
1-800-99-BINKS

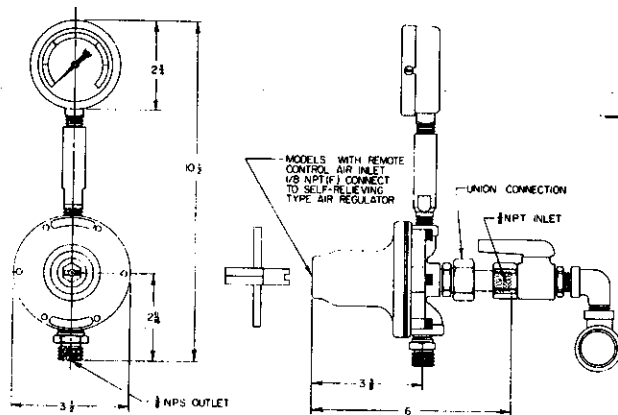


Replaces
 Part Sheet
 1486R-6

Part Sheet
 1486R-7

**Binks MODELS 84-320 (Key Operated) & 84-407 (Remote Control) STANDARD PRESSURE
DIAPHRAGM FLUID REGULATORS
All Stainless Steel Fitted**

INSTALLATION DATA



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	5 to 55 psi.	.34 to 3.79 BAR
Max. Rec. Flow	128 Oz./Min.	3.78 L/Min.
Max. Inlet Pressure	200 psi.	14.06 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 removed with retainer.

Remove valve seat from retainer and replace if worn. Ball valve may be released 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.

