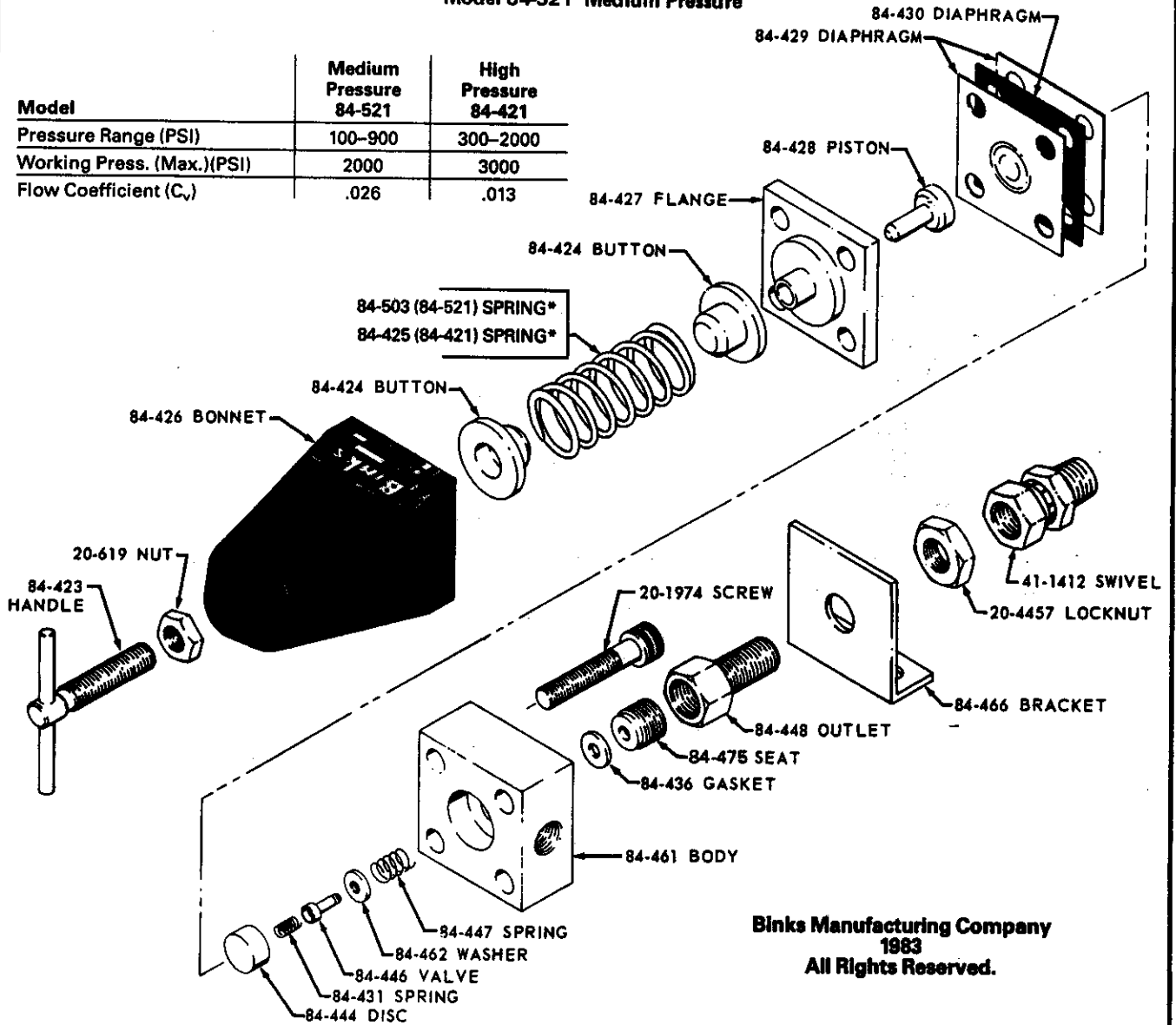


Binks BACK PRESSURE VALVES

Model 84-421 High Pressure
Model 84-521 Medium Pressure

Model	Medium Pressure 84-521	High Pressure 84-421
Pressure Range (PSI)	100-900	300-2000
Working Press. (Max.)(PSI)	2000	3000
Flow Coefficient (C _v)	.026	.013



Binks Manufacturing Company
1983
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PARTS LIST

PART NO.	DESCRIPTION	QTY.	PART NO.	DESCRIPTION	QTY.
20-619	JAM NUT, 3/8-16	1	84-430 ♦	DIAPHRAGM.....	1
20-1974	SCREW, 5/16-18 x 1½ in. long	4	84-431	SPRING	1
20-4457	LOCKNUT, 1/4 NPS	1	84-436 ♦	GASKET	1
41-1412	SWIVEL FITTING	1	84-444	DISC	1
84-423	HANDLE	1	84-446 ♦	VALVE	1
84-424	BUTTON	2	84-447	SPRING	1
84-425*	SPRING (84-421)	1	84-448	OUTLET	1
84-426	BONNET.....	1	84-461	BODY	1
84-427	FLANGE	1	84-462	WASHER	1
84-428	PISTON	1	84-466	BRACKET	1
84-429 ♦	DIAPHRAGM.....	2	84-475	SEAT	1
			84-503*	SPRING (84-521)	1

* Number in parentheses indicates model with which spring is used.

♦ Recommended spare parts.

BINKS

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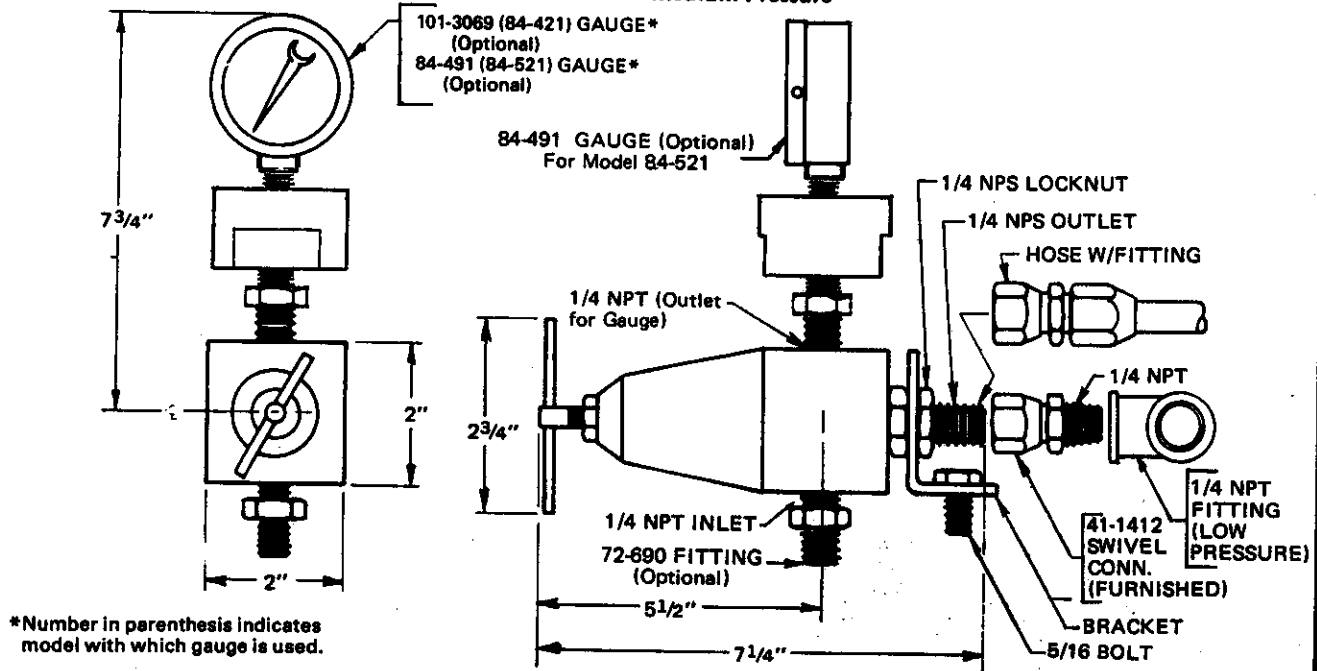
9201 West Belmont Avenue, Franklin Park, Illinois 60131

Replaces
Part Sheet
1909R-6

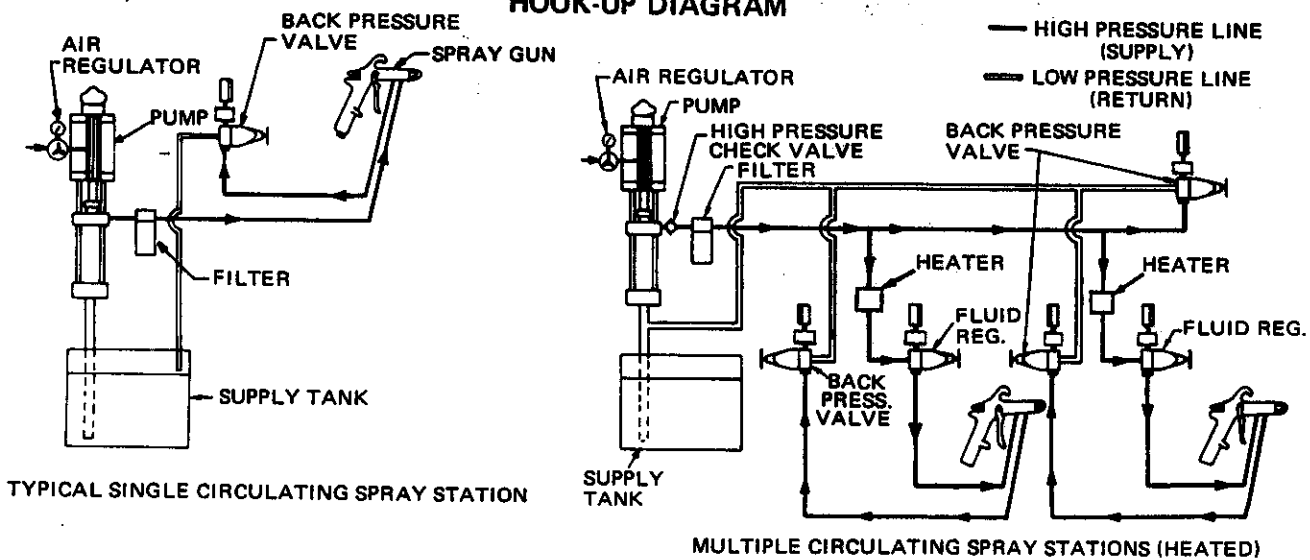
Part Sheet
1909R-7

Binks BACK PRESSURE VALVES

Model 84-421 High Pressure
Model 84-521 Medium Pressure



HOOK-UP DIAGRAM



INSTALLATION

1. Back pressure valve can be mounted in any position.
2. Valve is bracket mounted, and hose or pipe connected.
3. Use 1/4 NPT high pressure fittings on inlet, and 1/4 NPT low pressure fittings on outlet.
4. If using pressure gauge, install in port marked "gauge".

OPERATION

1. Back pressure valve controls pressure at inlet port.
2. To increase pressure turn knob clockwise.
3. To decrease pressure turn knob counter-clockwise.

TROUBLE SHOOTING

PROBLEM

1. Valve will not respond to adjustments.
2. Leakage at adjustment knob.

REMEDY

1. Clean valve and seat, or replace.
2. Replace diaphragm.

Revisions: Interchanged heater and fluid reg. in hook-up diagram.

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