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Many old parts have been discontinued because sales quantities no longer justify manufacturing and stocking of these parts. If you have a requirement for a quantity of these, please contact our sales department for a special quote and minimum quantity.

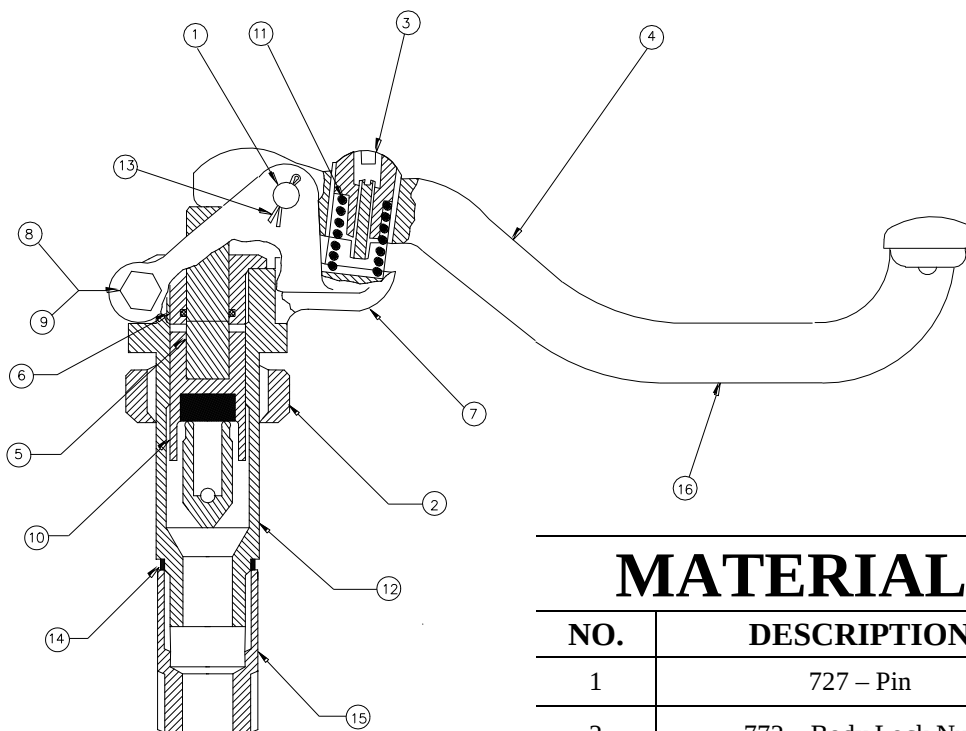


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Model R121A Head Valve Assembly W/ Bushing

125WSP @ 350°F Max



*Install Using V120T Gasket-(not included)

R121 – Valve less X133 Bushing

**R121B – Valve less X133 Bushing with
R126 Short Handle**

**R121AB – Valve with X133 Bushing
with R126 Short Handle**

**R121AC – Valve with X133 Bushing
with R124 Long Handle**

MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	727 – Pin	1
2	772 – Body Lock Nut	1
3	R122A – Plug & Screw Assembly	1
4	R125 – Medium Handle	1
5	R127 – Valve Stem	1
6	R128 – Stem Guide & O-Ring	1
7	R129 – Valve Fulcrum	1
8	¼ x 20 x 1¾ Hex Head Cap Screw	1
9	V171 – ¼-20 Hex Nut	1
10	V115 – Disc Holder	1
11	735A – Compression Spring	1
12	X131 – 2-piece Valve Body	1
13	4052 – Cotter Pin	1
14	X132 – Metal Gasket	1
15	X133 – Bushing	1
16	X131L – Label for 2-piece body	1



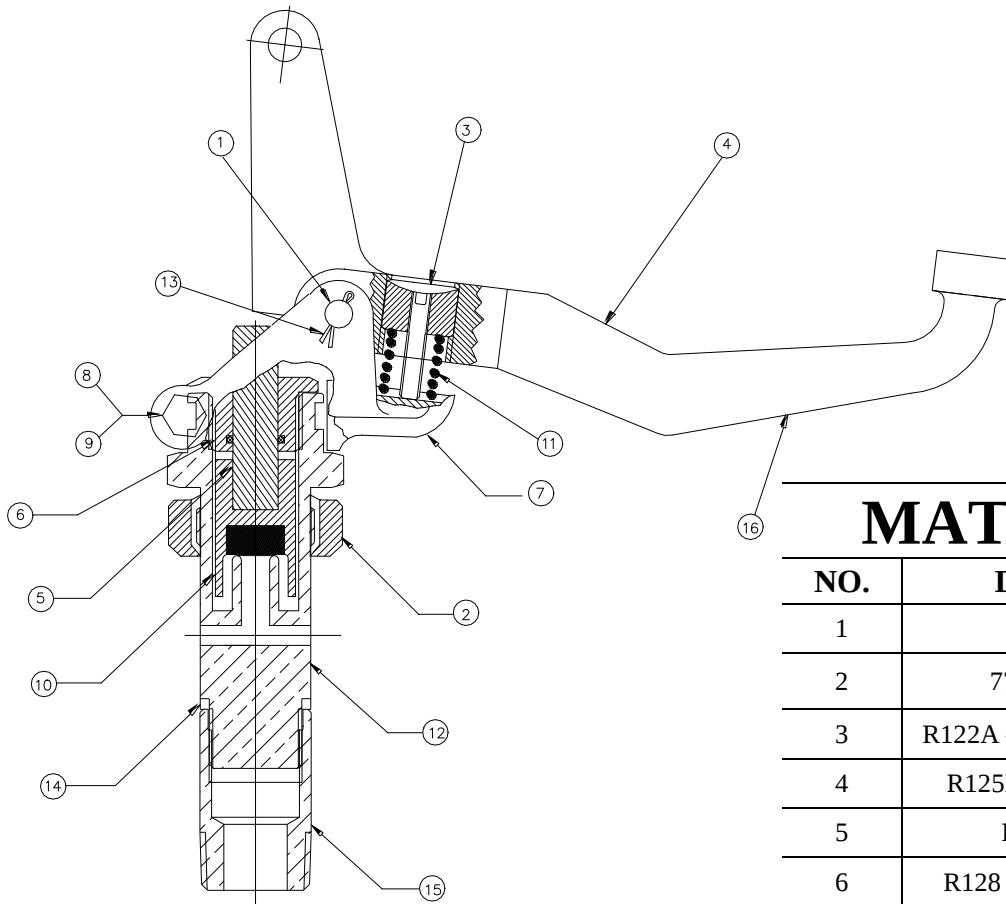
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Model R121ANY

Head Valve Assembly w/ Bushing

125WSP @ 350°F Max



****Install Using V120T Gasket (not included).***

MATERIAL LIST

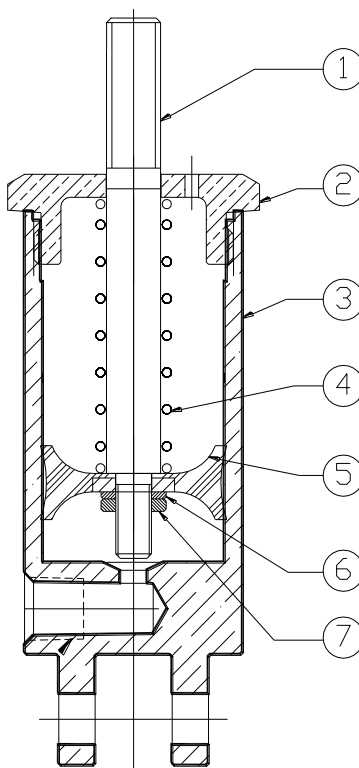
NO.	DESCRIPTION	QTY.
1	727 – Pin	1
2	772 – Body Lock Nut	1
3	R122A – Plug & Screw Assembly	1
4	R125NY – New York Handle	1
5	R127 – Valve Stem	1
6	R128 – Stem Guide & O-Ring	1
7	R129 – Valve Fulcrum	1
8	¼ x 20 x 1¾ Hex Head Cap Screw	1
9	V171 – ¼-20 Hex Nut	1
10	V115 – Disc Holder	1
11	735A – Compression Spring	1
12	X131 – 2-piece Valve Body	1
13	4052 – Cotter Pin	1
14	X132 – Metal Gasket	1
15	X133 – Bushing	1
16	X131L – Label for 2-piece body	1



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Model VC21NY
New Yorker Cylinder Actuator
For Use with R121ANY Head Valve
Air Pressure Requirement 80PSI



MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	VC21SNY Stem	1
2	VC21ANY Cap	1
3	VC21LNY Cylinder	1
4	VC21BNY Spring	1
5	91670 Piston Cup	1
6	R132 Lock Washer	1
7	V171 Hex Nut ¼ - 20	1



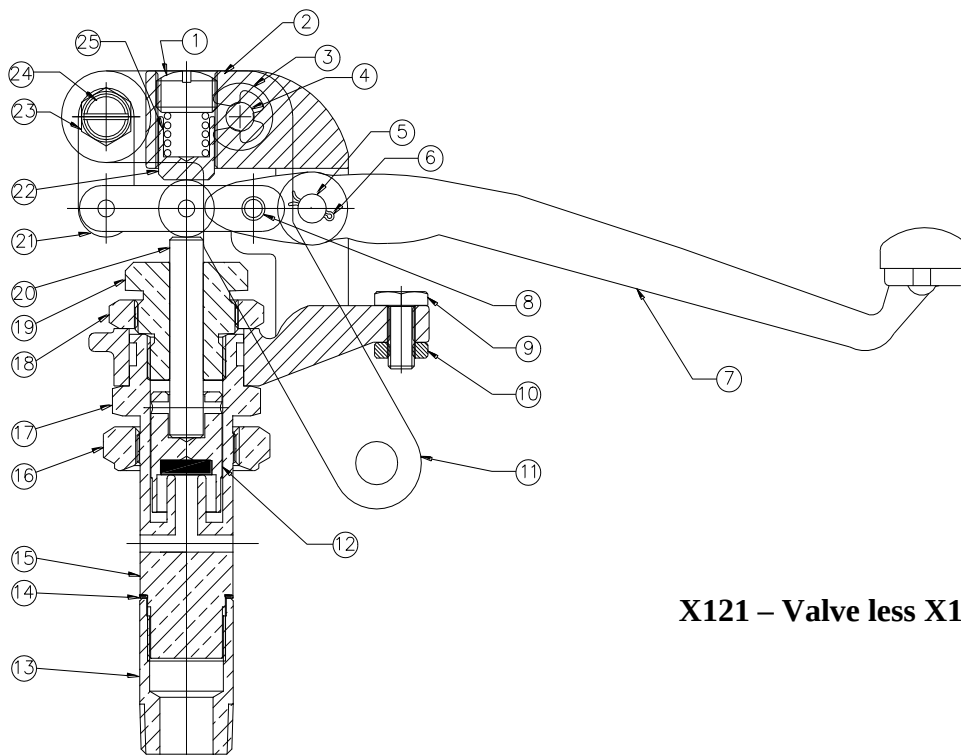
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Model X121A Head Valve Assembly W/ Bushing

125WSP @ 350°F Max

*Install using V120T Gasket-(not included)



X121 – Valve less X133 Bushing

MATERIALS LIST

NO.	DESCRIPTION	QTY.
1	X122 – Spring Plug	1
2	X138 – Handle Bearing	1
3	V164A – Retaining Ring	2
4	727A – Pin w/ Snap Ring	1
5	727 – Pin to Handle	1
6	4052 – Cotter Pin	1
7	X136 – Handle 7½"	1
8	X139 – Rocker Arm Pin	1
9	784 – Cap Screw	1
10	786 – Jam Nut	1
11	X134 – Operating Yoke	1
12	V115 – Disc Holder	1
13	X133 – Bushing	1

NO.	DESCRIPTION	QTY.
14	X132 – Metal Gasket	1
15	X131L – Label	1
16	772 – Body Lock Nut	1
17	X131 – Body	1
18	X129 – Guide Lock Nut	1
19	X128 – Stem Guide	1
20	X127 – Stem	1
21	X126 – Rocker Arm	1
22	X125 – Spring Cup	1
23	V171 – Hex Nut	1
24	X124 – Link Stud	1
25	U123 – Compression Spring	1

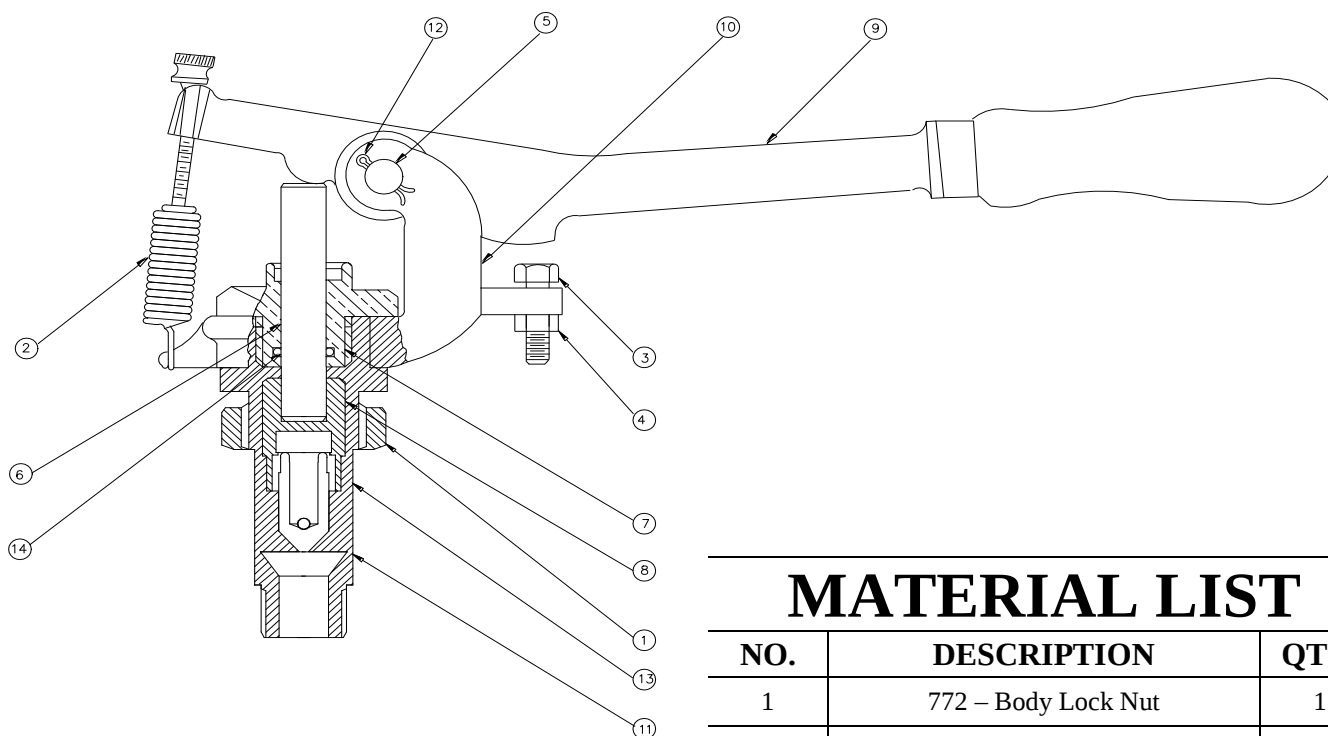


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Model X140 Head Valve Assembly

125WSP @ 350°F Max



*Install Using V120T Gasket (not included)

MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	772 – Body Lock Nut	1
2	777 – Spring	1
3	784 – Cap Screw	1
4	786 – Jam Nut	1
5	V111 – Fulcrum Pin	1
6	V112 – Stem	1
7	V113 – Stem Guide	1
8	V115 – Disc Holder	1
9	V117 – Handle	1
10	V122 – Bracket	1
11	X131 – Body	1
12	4052 – Cotter Pin	1
13	X131L – Label	1
14	702610 – 110VT O-Ring	1

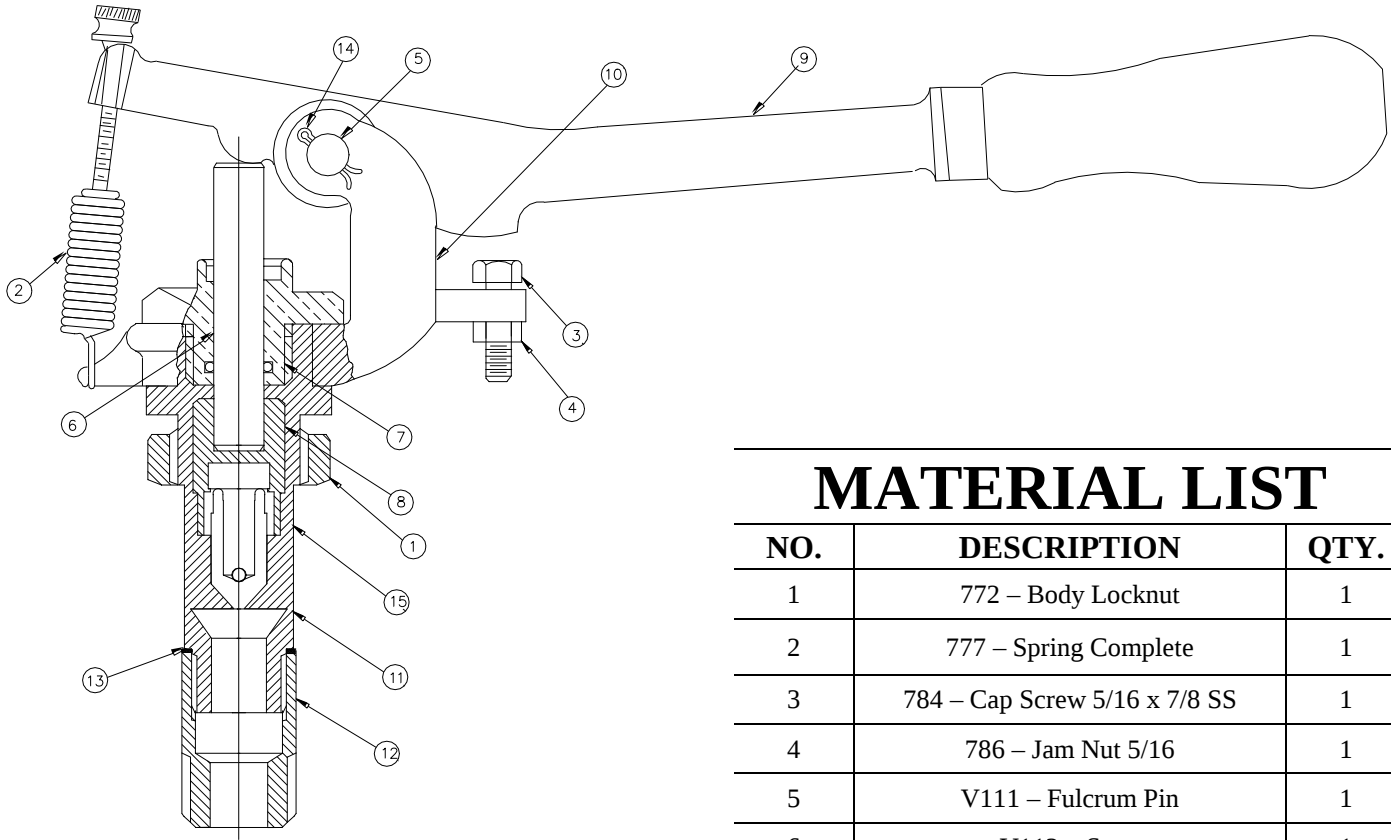


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Model X140A Head Valve Assembly W/ Bushing

125WSP @ 350°F Max



*Install Using V120T Gasket (not included)

MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	772 – Body Locknut	1
2	777 – Spring Complete	1
3	784 – Cap Screw 5/16 x 7/8 SS	1
4	786 – Jam Nut 5/16	1
5	V111 – Fulcrum Pin	1
6	V112 – Stem	1
7	V113 – Stem Guide w/ O-Ring	1
8	V115 – Disc Holder w/ PTFE	1
9	V117 – Handle	1
10	V122 – Head Valve Bracket	1
11	X131 – 2-pc. Valve Body	1
12	X133 – Bushing	1
13	X132 – Metal Gasket	1
14	4052 – Cotter Pin (1/16)	1
15	X131L – Label for 2-pc. Valve Body	1

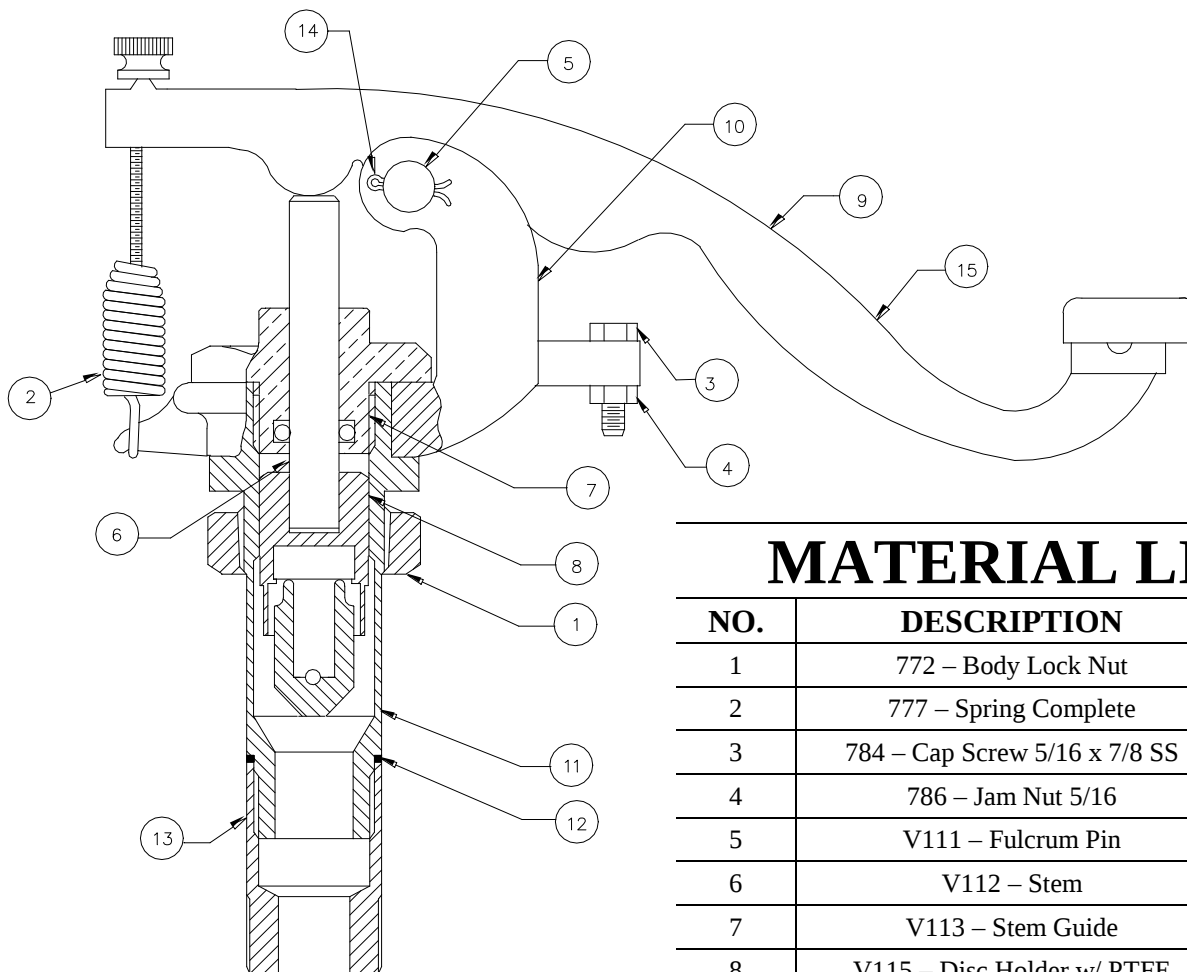


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Model X141A Head Valve Assembly

125WSP @ 350°F Max



*Install Using V120T Gasket-(not included)

X141 – Valve less X133 Bushing

**X141B – Valve less X133 Bushing with
V123 Handle**

**X141AB – Valve with X133 Bushing with
V123 Handle**

MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	772 – Body Lock Nut	1
2	777 – Spring Complete	1
3	784 – Cap Screw 5/16 x 7/8 SS	1
4	786 – Jam Nut 5/16	1
5	V111 – Fulcrum Pin	1
6	V112 – Stem	1
7	V113 – Stem Guide	1
8	V115 – Disc Holder w/ PTFE	1
9	V118 – Handle Short	1
10	V122 – Head Valve Bracket	1
11	X131 – 2-pc. Valve Body	1
12	X132 – Metal Gasket	1
13	X133 – Bushing	1
14	4052 – Cotter Pin	1
15	X131L – Label for 2-pc. Valve Body	1

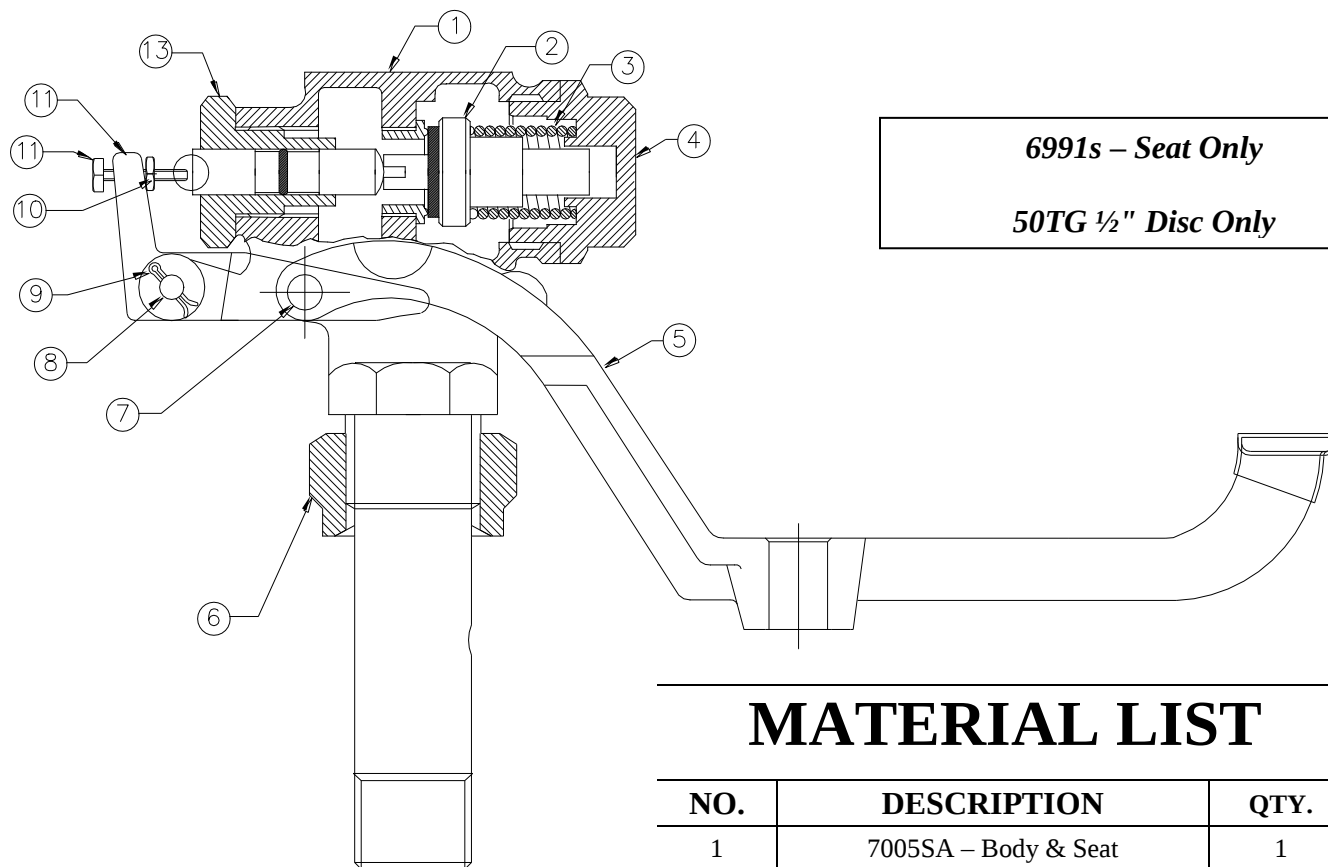


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Model 7000C Head Valve

125WSP @ 350°F Max



7000 – Valve
with 7006S Short Handle

7000L – Valve
with 7006L Long Handle

Install using V120T Gasket
(Not Included)

MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	7005SA – Body & Seat	1
2	7002T – Disc Holder	1
3	7001 – Spring	1
4	7003 – Spring Nut	1
5	7006F - Handle	1
6	7016 – Clamping Nut	1
7	7017 – Lever Pin	1
8	7013 – Stem Lever Pin	1
9	4052 – Cotter Pin	1
10	V176H – Nut	1
11	V175H – Hex Head Screw	1
12	O118AF – Valve Stem Lever	1
13	7009 – Stem & Box Assembly	1

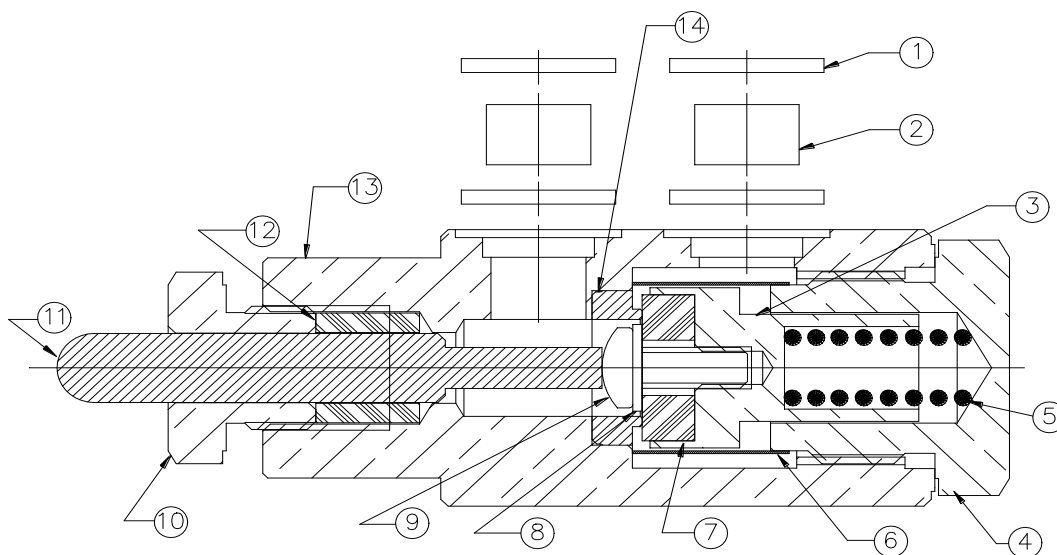


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Model RA111 Head Valve Assembly W/ Gaskets & Guides

125WSP @ 350°F Max



MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	RA111G – PTFE Gasket	4
2	RA111U – Guide	2
3	RA111F – Disc Holder Assembly	1
4	RA111A – Cap	1
5	RA111S – Spring	1
6	RA111N – Screen	1
7	50TG ¼" Disc	1
8	RA111W – Washer	1
9	RA111R – Screw	1
10	RA111M – Stem Guide	1
11	RA111B – Stem	1
12	RA111E – Packing	1
13	RA111J – Body	1
14	RA111C - Seat	1

Gasket & Guide Kits

RA111K
New Models

RA111KS
Pre '69 Model Presses

RA111US
Adapter bushings for
Pre '69 Models
(2 required)

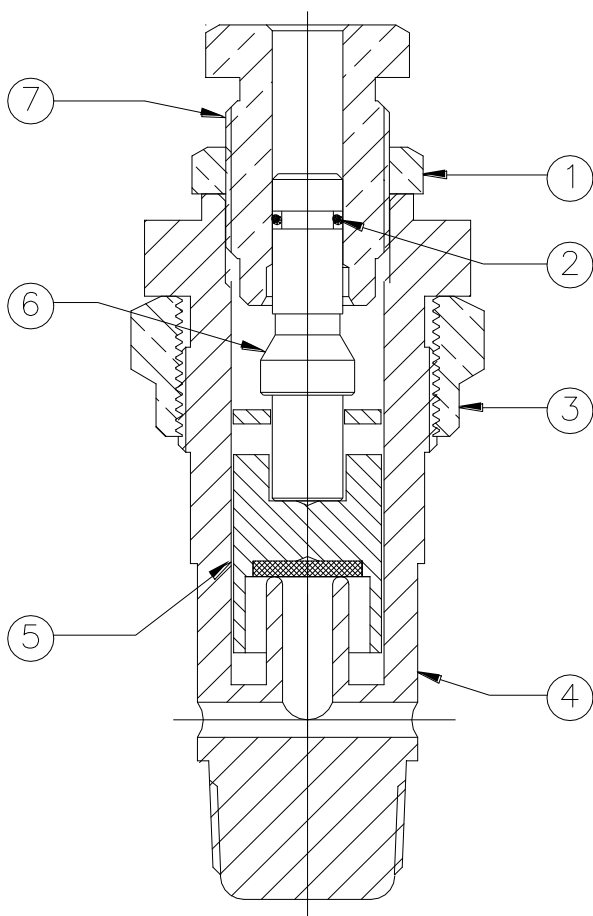


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Model X180 Short Buck Valve

125WSP @ 350°F Max



MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	X183 – Guide Lock Nut	1
2	702510 O-Ring 010VT	1
3	794A – Body Lock Nut	1
4	V126 – Body	1
5	V115 – Disc Holder	1
6	X182 – Stem	1
7	X184 – Stem Guide	1

*** Install using V128T – Gasket (not included).**

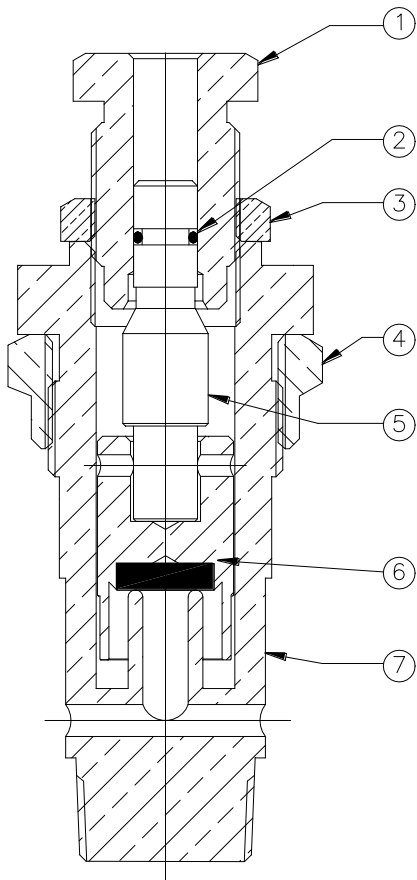


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Model X185 Short Buck Valve

125WSP @ 350°F Max



MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	X184 – Stem Guide	1
2	702510 O-Ring 010VT	1
3	X183 – Guide Lock Nut	1
4	794A – Body Lock Nut	1
5	X187 – Stem	1
6	V115 – Disc Holder	1
7	V132 – Body	1

*** Install using V128T – Gasket (not included).**

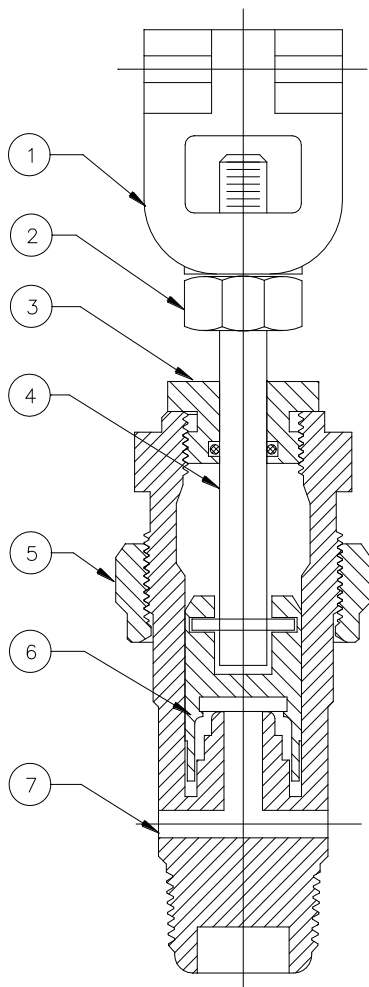


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Model V125 Short Buck Valve

125WSP @ 350°F Max



MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	800 – Coupling	1
2	634 – 3/8 Jam Nut	1
3	R128 – Stem Guide	1
4	V130 – Stem	1
5	794A – Body Lock Nut	1
6	V115 – Disc Holder	1
7	V126 - Body	1

*** Install using V128T – Gasket (not included).**

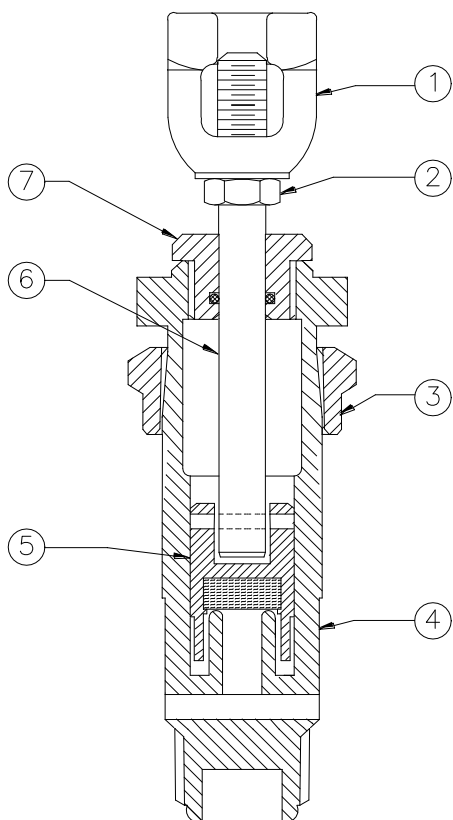


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Model V131 Long Buck Valve

125WSP @ 350°F Max



MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	800 - Coupling	1
2	634 - Jam Nut	1
3	794A - Body Lock Nut	1
4	V132 - Body	1
5	V115 - Disc Holder	1
6	V133 - Stem	1
7	R128 - Stem Guide & O-Ring	1

**** Install using V128T – Gasket (not included).***

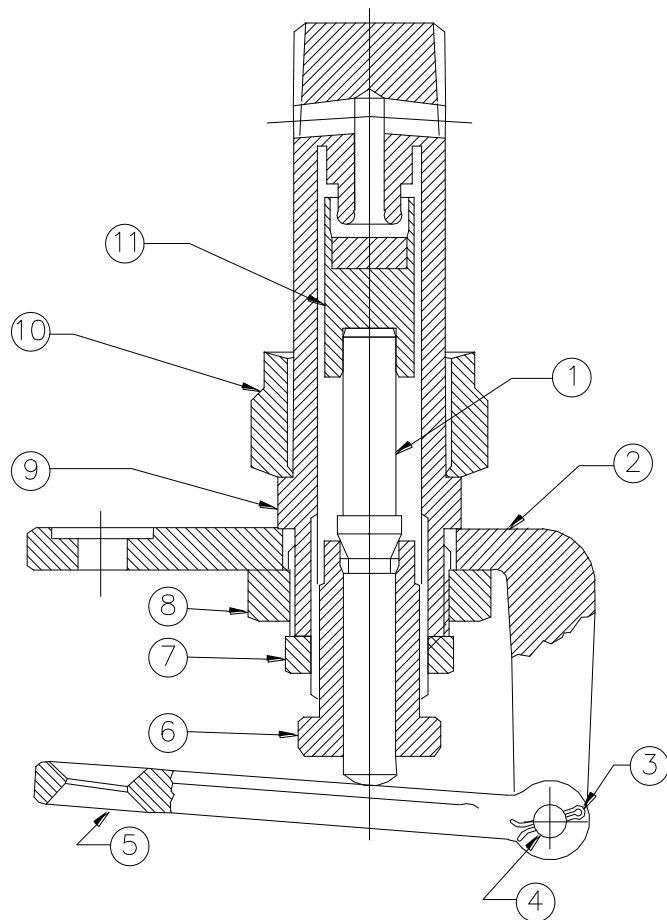


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Model 7500 Pantex Buck Valve

125WSP @ 350°F Max



MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	7503 – Stem	1
2	7502 – Yoke	1
3	4052 – Cotter Pin	1
4	7013 – Stem Lever Pin	1
5	7501 – Lever	1
6	X184 – Stem Guide	1
7	X183 – Guide Lock Nut	1
8	7521 – Yoke Nut	1
9	7505 – Body	1
10	7016 – Clamping Nut	1
11	7507 – Disc Holder	1

***Install using V120T Gasket
(not included).***

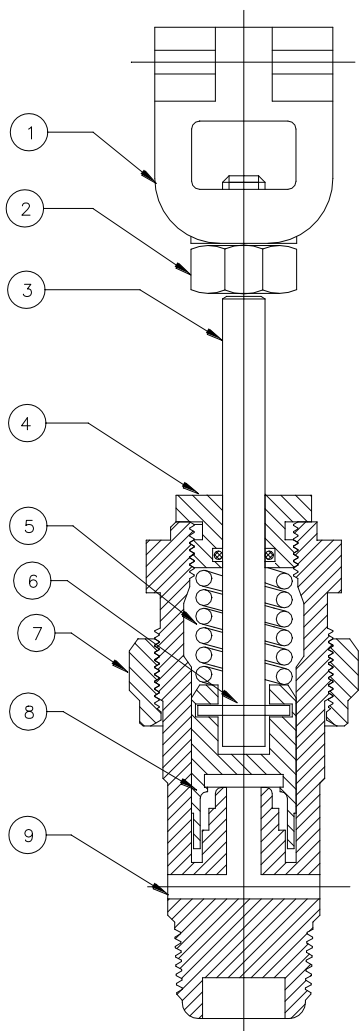


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Model V125F Short Buck Valve

125WSP @ 350°F Max



MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	800 – Coupling	1
2	634 – 3/8 Jam Nut	1
3	V133 – Stem Long	1
4	R128 – Stem Guide & O-Ring	1
5	V125S – Spring	1
6	V127 – Pin	1
7	794F – Body Lock Nut / Forenta	1
8	V115 – Disc Holder w/ PTFE	1
9	V126 – Valve Body Short	1

Install using V128T Gasket (not included).

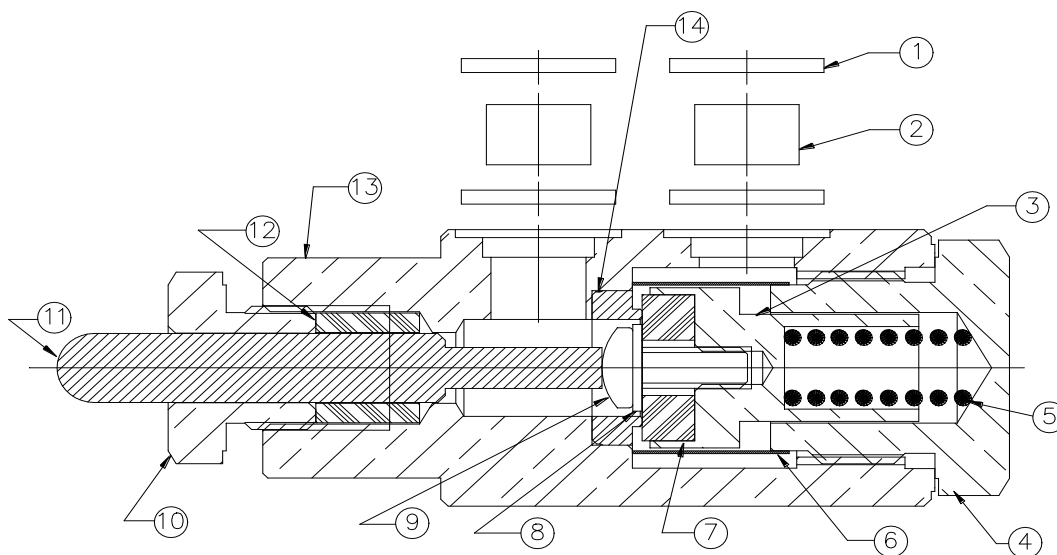


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Model RA111 Head Valve Assembly W/ Gaskets & Guides

125WSP @ 350°F Max



MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	RA111G – PTFE Gasket	4
2	RA111U – Guide	2
3	RA111F – Disc Holder Assembly	1
4	RA111A – Cap	1
5	RA111S – Spring	1
6	RA111N – Screen	1
7	50TG ¼" Disc	1
8	RA111W – Washer	1
9	RA111R – Screw	1
10	RA111M – Stem Guide	1
11	RA111B – Stem	1
12	RA111E – Packing	1
13	RA111J – Body	1
14	RA111C - Seat	1

Gasket & Guide Kits

RA111K - New Models

RA111KS - Pre '69 Model Presses

RA111US - Adapter bushings for
Pre '69 Models
(2 required)

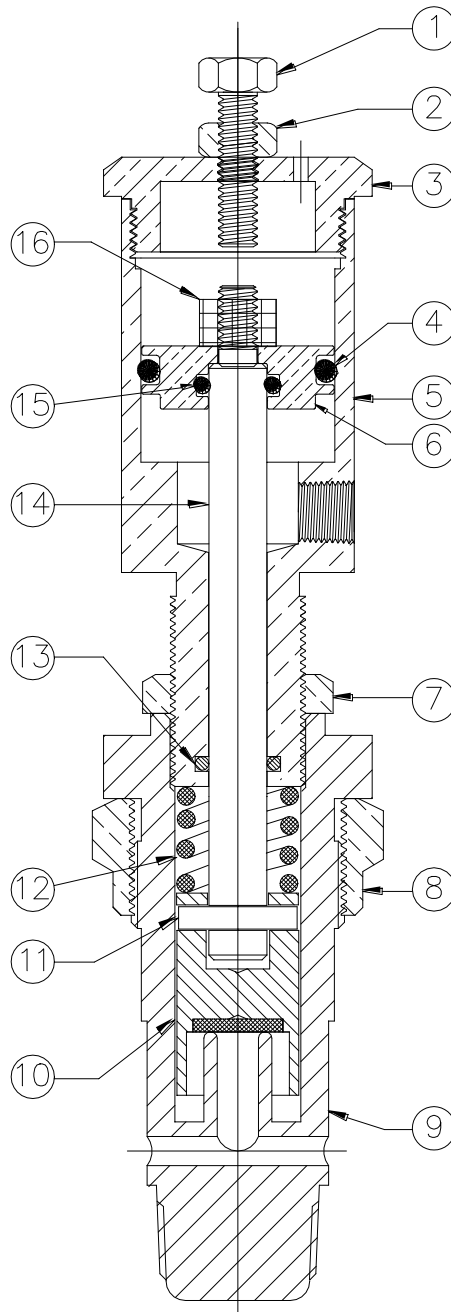


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Model VC126 Short Pneumatic Buck Valve

125WSP @ 350°F Max



MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	VB171 – Hex Bolt	1
2	V171 – Hex Nut	1
3	VCF101 – Cylinder Cap	1
4	186814 – O-Ring 214ILV	1
5	VC100 – Cylinder	1
6	36P – Piston 1 1/4	1
7	X183 – Guide Lock Nut	1
8	794F – Body Lock Nut	1
9	V126 – Body	1
10	V115 – Disc Holder	1
11	V127 – Pin	1
12	V125S – Spring	1
13	702610 – O-Ring 110VT	1
14	VCF102 – Stem	1
15	850321 – O-Ring 110VT	1
16	R155D – Stop Nut	1

*Install using V128T – Gasket
(Not Included)*

VC26 Cylinder Actuator Assembly

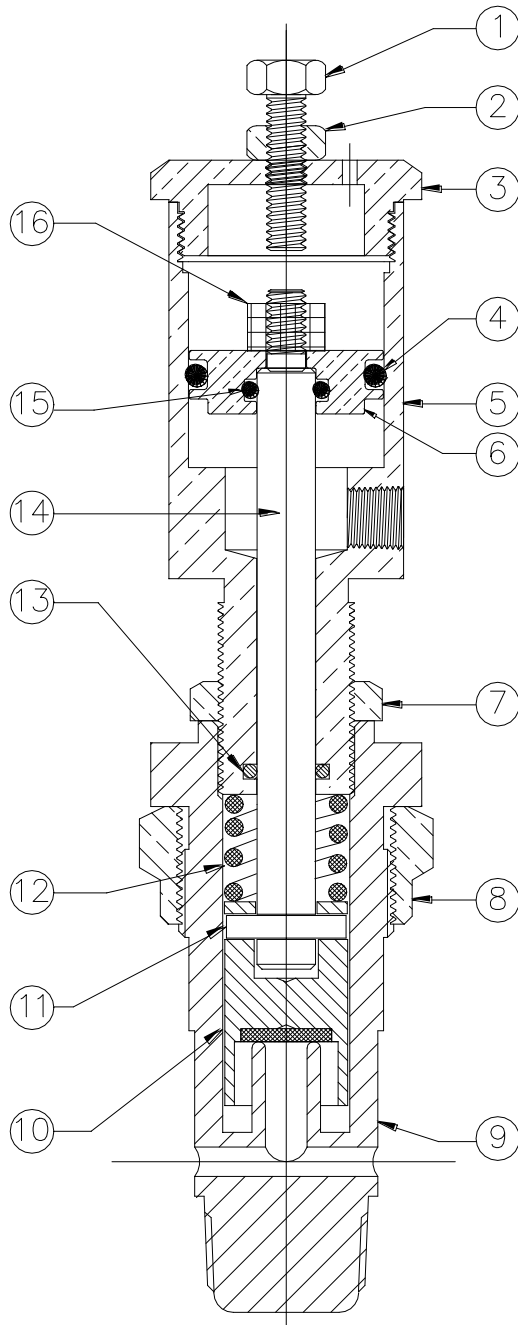


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Model VC132 Long Pneumatic Buck Valve

125WSP @ 350°F Max



MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	VB171 – Hex Bolt	1
2	V171 – Hex Nut	1
3	VCF101 – Cylinder Cap	1
4	186814 – O-Ring 214ILV	1
5	VC100 – Cylinder	1
6	36P – Piston 1¼	1
7	X183 – Lock Nut	1
8	794A – Body Lock Nut	1
9	V132 – Body	1
10	V115 – Disc Holder	1
11	V127 – Pin	1
12	VC105 – Spring	1
13	702610 – O-Ring 110VT	1
14	VC102 – Stem	1
15	850321 – O-Ring 110VT	1
16	R155D – Stop Nut	1

Install using V128T – Gasket (Not Included)

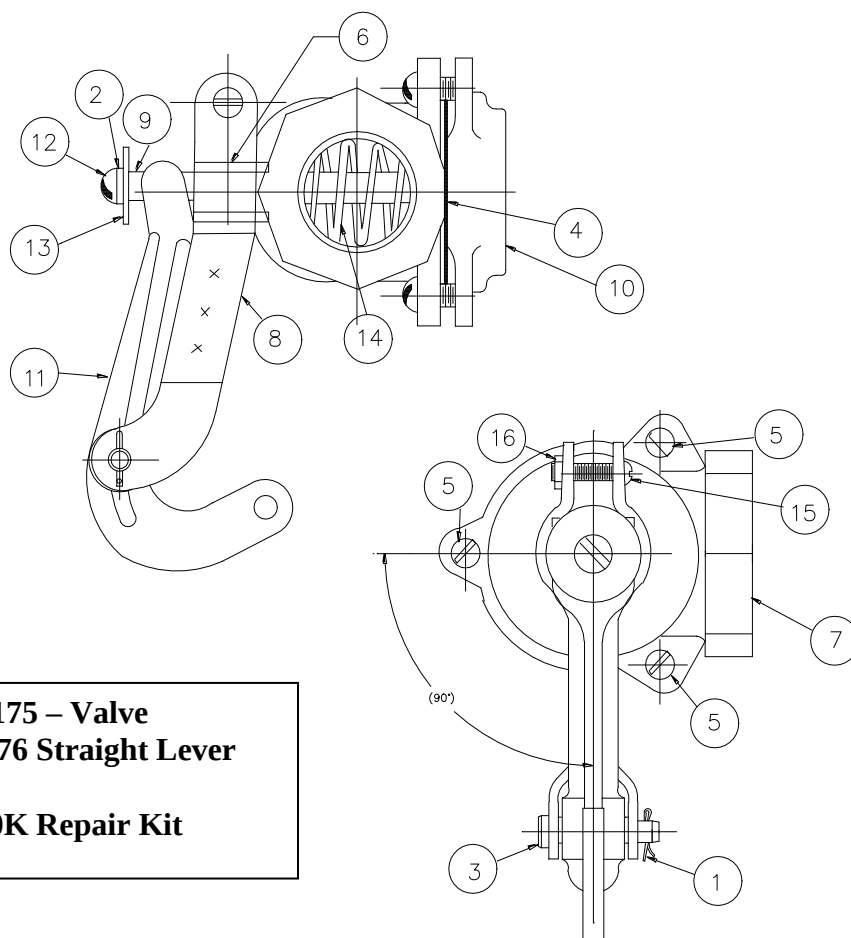
VC32 Cylinder Actuator Assembly



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Model V160 Air Vacuum Valve



**X175 – Valve
With X176 Straight Lever**

V160K Repair Kit

MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	4052 – Cotter Pin	1
2	R132 – Lock Washer	1
3	V111 – Fulcrum Pin	1
4	V155 – Gasket	1
5	V156 – ½ - 20 Machine Screw	3
6	V162B – Bushing	1
7	V162A – Body	1
8	V163 – Fulcrum	1

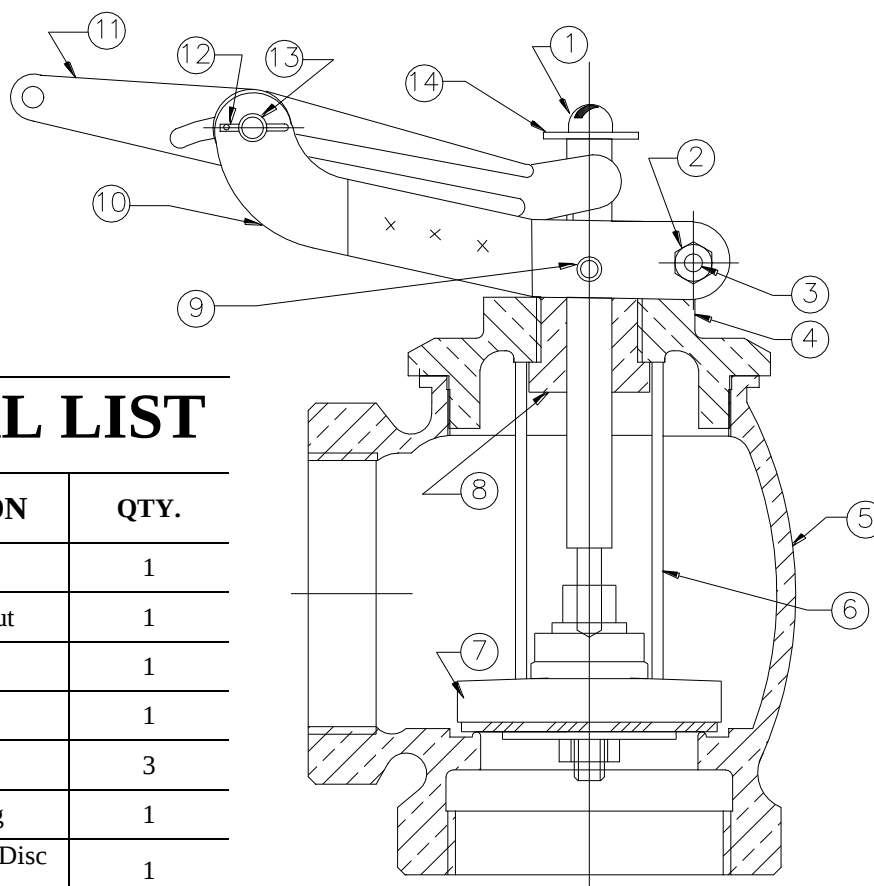
NO.	DESCRIPTION	QTY.
9	V164B – Stem & Disc Assembly	1
10	V166 – Valve Seat Coupling	1
11	V167 – Curved Lever	1
12	V170 – ¼ x ½ Machine Screw	1
13	V172 – Washer	1
14	V173 – Spring	1
15	V175 – 10-24 x ¾ Screw	1
16	V176 – 10-24 Nut	1



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Model VM200 2" Manual Air Vacuum Valve



MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	V170 – Screw	1
2	238402 – Jam Nut	1
3	V170 – Screw	1
4	VC2001 – Cap	1
5	126J 2" – Body	3
6	50D 2" – Spring	1
7	VM2008 – Stem & Disc Assembly	1
8	VM200G – Stem Guide	1
9	700542 – Set Screw	1
10	V163F – Fulcrum	1
11	X176 – Lever	1
12	4052 – Cotter Pin	1
13	V111 – Pin	1
14	V172 - Washer	1

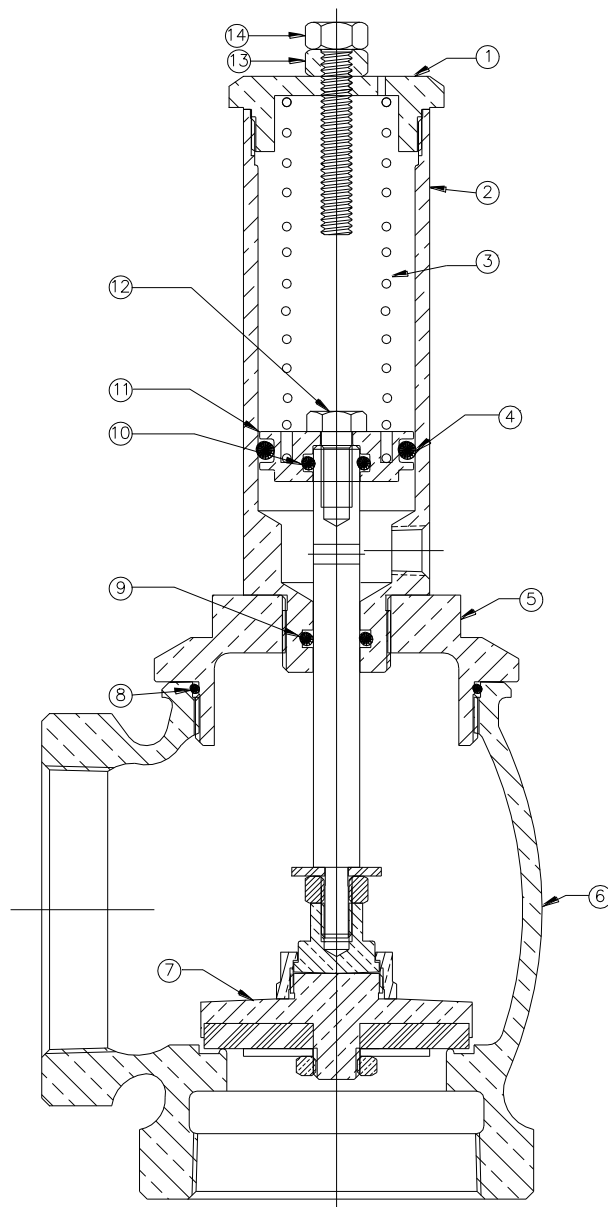


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Model VC200 2" Air Vacuum Valve

80 PSI Air Required For Operation



MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	VC25A - Cap	1
2	VC2007 - Cylinder	1
3	VC2009 - Spring	1
4	186814 - O-Ring 214ILV	1
5	VC2001 - Cap	1
6	126J - 2" Body	1
7	VC2008 - Stem / Disc Assembly	1
8	701535 - O-Ring 035EP	1
9	702610 - O-Ring 110VT	1
10	850321 - O-Ring 110VT	1
11	VC200PNC - 2" Piston	1
12	V177 - Cap Screw	1



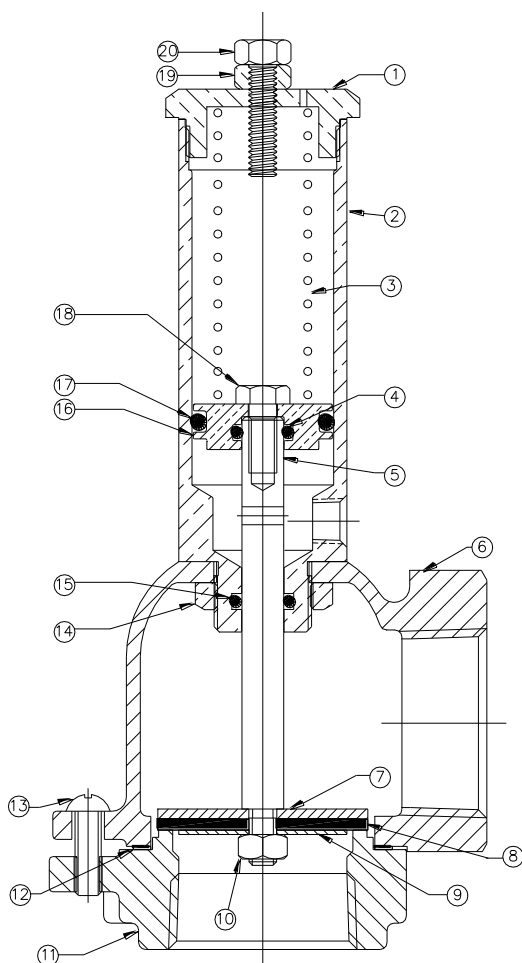
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Model VC162

1¼ " Pneumatic Air Vacuum Valve

80 PSI Air Required For Operation



MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	VCF101 – Cap	1
2	VC2007 - Cylinder	1
3	VC2009 - Spring	1
4	850321 – O-Ring 110VT	1
5	VC2002 - Stem	1
6	VC162D – Body	1
7	V168 – Washer	1
8	V174 – Disc	1
9	V169 – Washer	1
10	V171 – Nut	1
11	V166 - Coupling	1
12	V155 – Gasket	1
13	V156 – Screw	3
14	X183 – Lock Nut	1
15	702610 – O-Ring 110VT	1
16	36P 1 ¼ - Piston	1
17	186814 – O-Ring 214ILV	1
18	V177 – Cop Screw	1
19	V171 - Nut	1
20	VB161 – Bolt	1



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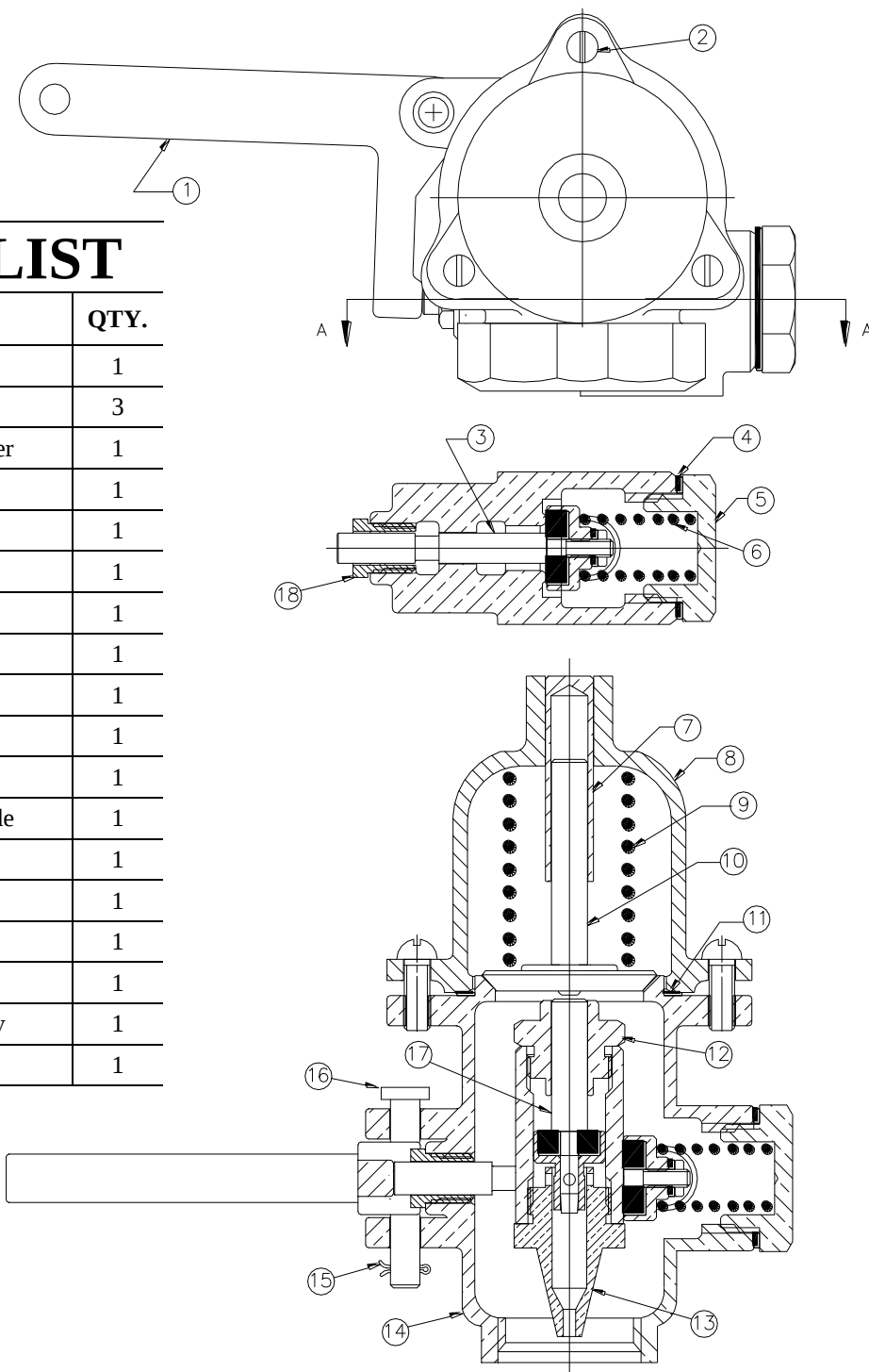


Model X150 Steam Vacuum Valve

125WSP @ 350°F Max

MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	V148 – Bell Crank	1
2	V156L – Screw	3
3	V145 Stem & Disc Holder	1
4	795 Copper Gasket	1
5	V144 Cap Spring Nut	1
6	440 – Spring	1
7	X154 – Bushing	1
8	V162A – Body	1
9	X153 - Disc Spring	1
10	X152 – Disc Assembly	1
11	V155 – Gasket	1
12	V139 – Piston Stem Guide	1
13	V138 -Venturi Nozzle	1
14	X157 - Venturi Body	1
15	4052 – Cotter Pin	1
16	727 - Pin	1
17	V140 – Piston Assembly	1
18	X158 – Inlet Bushing	1



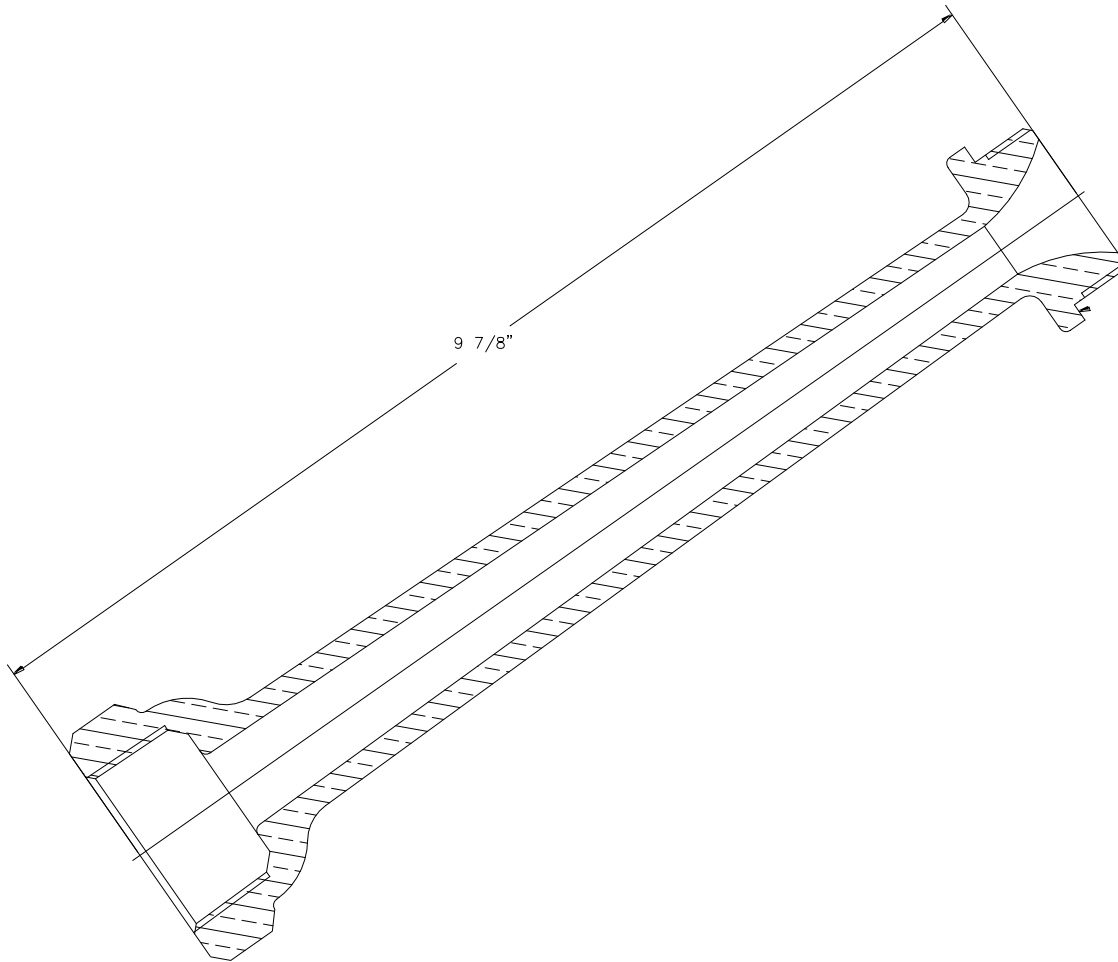


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Model V136 Venturi Nipple

125WSP @ 350°F Max





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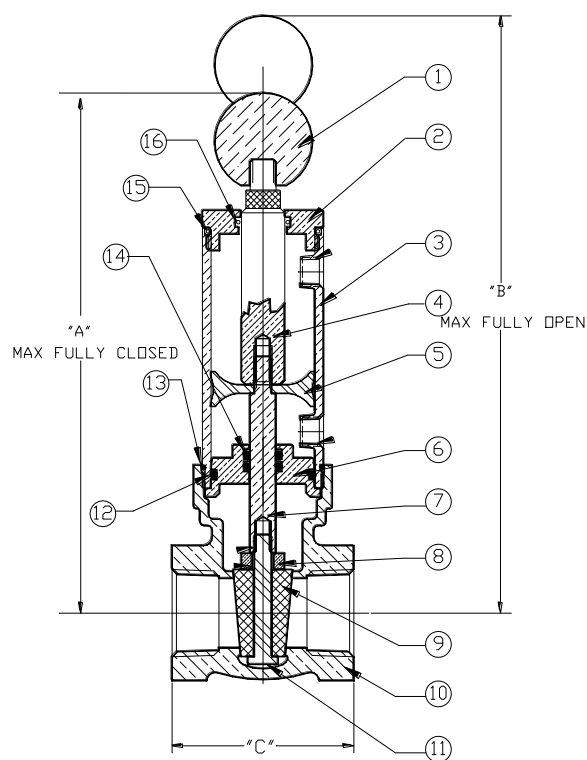
Model 20TW Air Cylinder Operated Gate Valve

Double Acting
150PSI Body Rating 180° Max
100% Pressure Tested • Threaded Ends
Rising Stem • PTFE Wedge
60PSI Operating Pressure
for Standard Configuration.
80PSI Air Pressure Required

For other requirements, consult factory.

MATERIAL LIST

NO.	DESCRIPTION	MATERIAL
1	Ball Knob	Plastic
2	Upper Cap	Brass
3	Cylinder	Brass
4	Upper Stem	Brass
5	Pistol Cap	Buna
6	Bottom Cap	Buna
7	Lower Stem	Brass
8	Nut	Brass
9	Wedge	PTFE
10	Body	Bronze
11	Cap Screw	Stainless Steel
12	O-Ring	FKM (Viton)
13	O-Ring	FKM (Viton)
14	O-Ring	FKM (Viton)
15	O-Ring	Buna
16	O-Ring	Buna



Size	A Closed	B Open	C Width
1"	7.375	8.500	2.625
1 ½"	9.625	11.500	3.000
2"	10.875	12.875	3.125



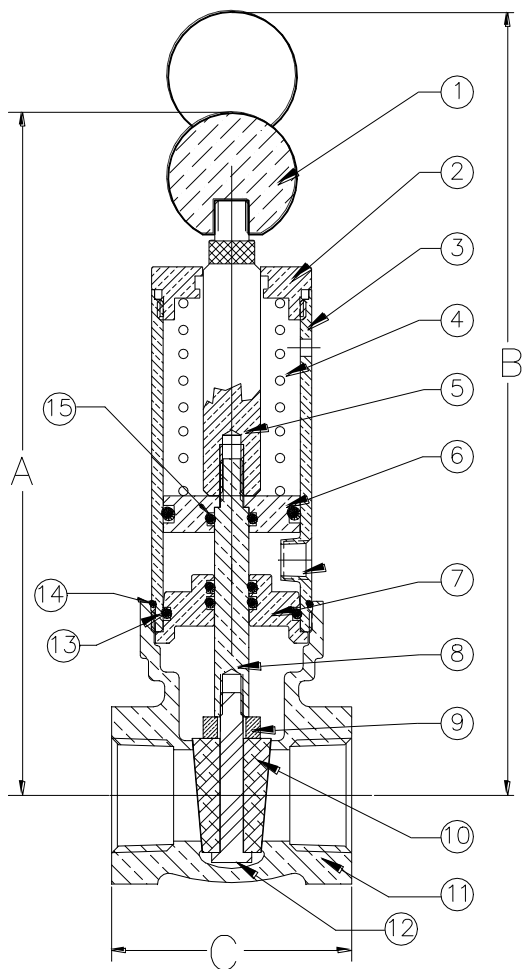
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Model 20TWNC Air Cylinder Operated Gate Valve

Normally Closed
150PSI Body Rating 180° Max
100% Pressure Tested • Threaded Ends
Rising Stem • PTFE Wedge
60PSI Operating Pressure for Standard Configuration.
80PSI Air Pressure Required

For other requirements, consult factory.



MATERIAL LIST

NO.	DESCRIPTION	MATERIAL
1	Ball Knob	Plastic
2	Upper Cap	Brass
3	Cylinder	Brass
4	Spring	Steel
5	Upper Stem	Brass
6	Piston Cup	Buna
7	Bottom Cap	Brass
8	Lower Stem	Brass
9	Nut	Brass
10	Wedge	PTFE
11	Body	Bronze
12	Cap Screw	Stainless Steel
13	O-Ring	FKM (Viton)
14	O-Ring	FKM (Viton)
15	O-ring	FKM (Viton)

Size	A Closed	B Open	C Width
1"	7.375	8.500	2.625
1 ½"	9.625	11.500	3.000
2"	10.875	12.875	3.125

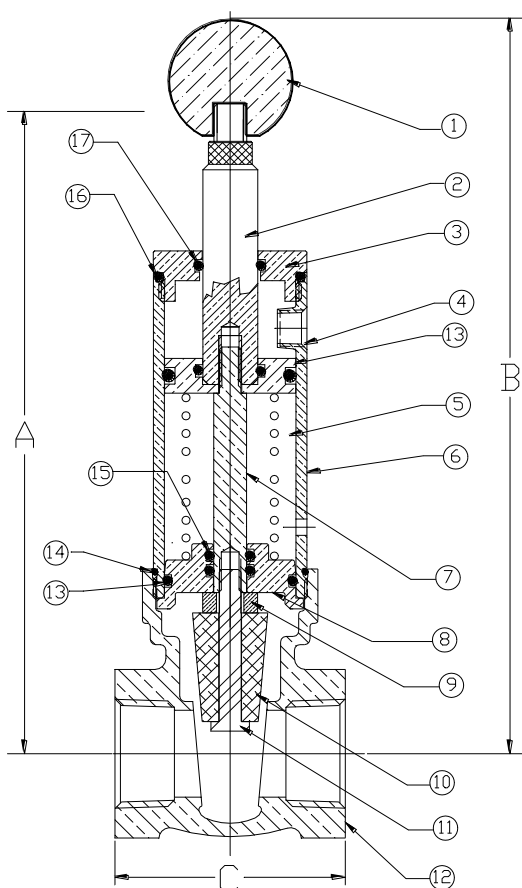


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Model 20TWNO
Air Cylinder Operated Gate Valve
Normally Open
150PSI Body Rating 180° Max
100% Pressure Tested • Threaded Ends
Rising Stem • PTFE Wedge
60PSI Operating Pressure for Standard Configuration.
80PSI Air Pressure Required

For other requirements, consult factory.



MATERIAL LIST

NO.	DESCRIPTION	MATERIAL
1	Ball Knob	Plastic
2	Upper Stem	Brass
3	Upper Cap	Brass
4	Piston Cup	Buna
5	Spring	Steel
6	Cylinder	Brass
7	Lower Stem	Brass
8	Bottom Cap	Brass
9	Nut	Brass
10	Wedge	PTFE
11	Cap Screw	Stainless Steel
12	Body	Bronze
13	O-Ring	FKM (Viton)
14	O-Ring	FKM (Viton)
15	O-Ring	FKM (Viton)
16	O-Ring	FKM (Viton)
17	O-Ring	FKM (Viton)

Size	A Closed	B Open	C Width
1"	7.375	8.500	2.625
1 1/2"	9.625	11.500	3.000
2"	10.875	12.875	3.125



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Model 35VNC Air Cylinder Operated Normally Closed Angle Valve

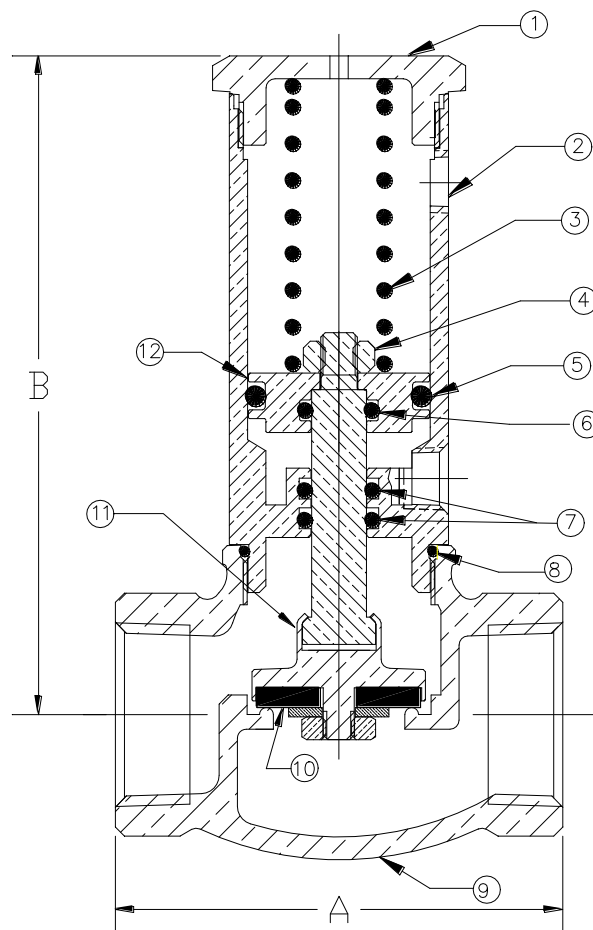
200 WOG Body Rating @ 180° Max
100% Pressure Tested • Threaded Ends
40 PSI Operating Pressure
for Standard Configuration
80PSI Air Pressure Required

For other options, consult factory.

MATERIAL LIST

NO.	DESCRIPTION	MATERIAL
1	Cap	Brass
2	Cylinder	Brass
3	Spring	Steel
4	Jam Nut	Brass
5	O-Ring	FKM (Viton)
6	O-Ring	Buna
7	O-Ring	FKM (Viton)
8	O-Ring	FKM (Viton)
9	Body	Bronze
10	Disc	FKM (Viton)
11	Stem & Disc Assembly	Brass
12	Piston	Brass

	1"	1 ½"	2"
A	3.13	4.00	4.66
B	4.53	5.38	6.19
Ship Wgt. (lbs.)	2.26	4.38	6.20





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Model 35VNO Air Cylinder Operated Normally Open Angle Valve

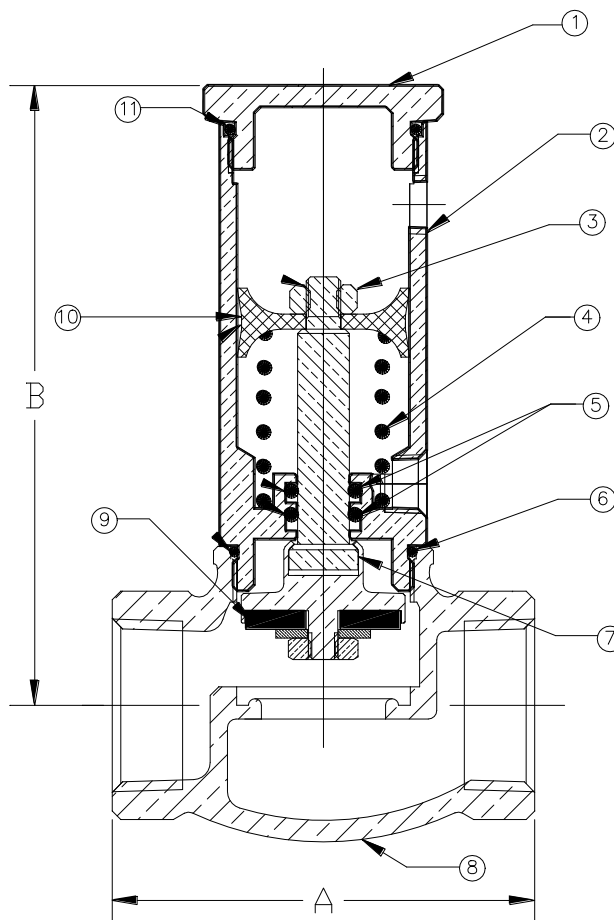
200 WOG Body Rating @ 180° Max
100% Pressure Tested • Threaded Ends
40PSI Operating Pressure
for Standard Configuration
80PSI Air Pressure Required

For other options, consult factory.

MATERIAL LIST

NO.	DESCRIPTION	MATERIAL
1	Cap	Brass
2	Cylinder	Brass
3	Jam Nut	Brass
4	Spring	Steel
5	O-Ring	FKM (Viton)
6	O-Ring	FKM (Viton)
7	Stem & Disc Holder	Brass
8	Body	Bronze
9	Disc	FKM (Viton)
10	Piston Cup	Buna
11	O-ring	Buna

	1"	1 ½"	2"
A	3.13	4.00	4.66
B	4.53	5.38	6.19
Ship Wgt. (lbs.)	2.26	4.38	6.20





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Model 36VNC Air Cylinder Operated Normally Closed Angle Valve

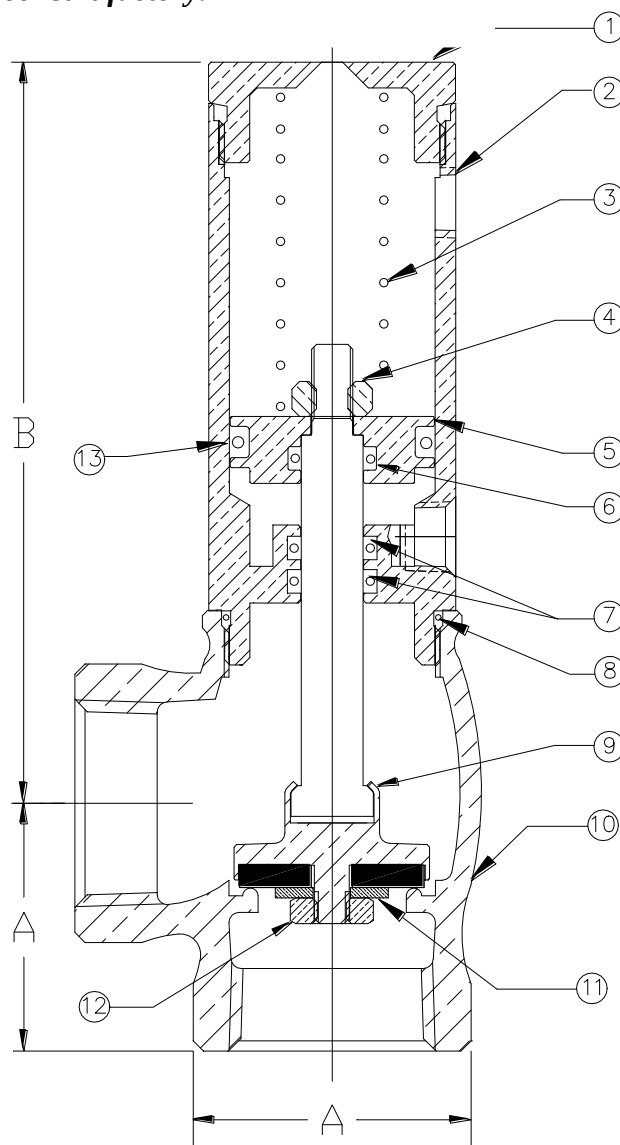
200 WOG Body Rating @ 180° Max
100% Pressure Tested • Threaded Ends
40PSI Operating Pressure
for Standard Configuration
80PSI Air Pressure Required

For other options, consult factory.

MATERIAL LIST

NO.	DESCRIPTION	MATERIAL
1	Cap	Brass
2	Cylinder	Brass
3	Spring	Steel
4	Jam Nut	Steel
5	Piston	Brass
6	O-Ring	Buna
7	O-Ring	FKM (Viton)
8	O-Ring	FKM (Viton)
9	Stem & Disc Holder	Brass
10	Body	Bronze
11	Disc	FKM (Viton)
12	Nut	Steel
13	O-Ring	FKM (Viton)

	1"	1 ½"
A	1.49	2.00
B	4.53	5.38
Ship Wgt. (lbs.)	2.26	4.38





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Model 36VNO Air Cylinder Operated Normally Open Angle Valve

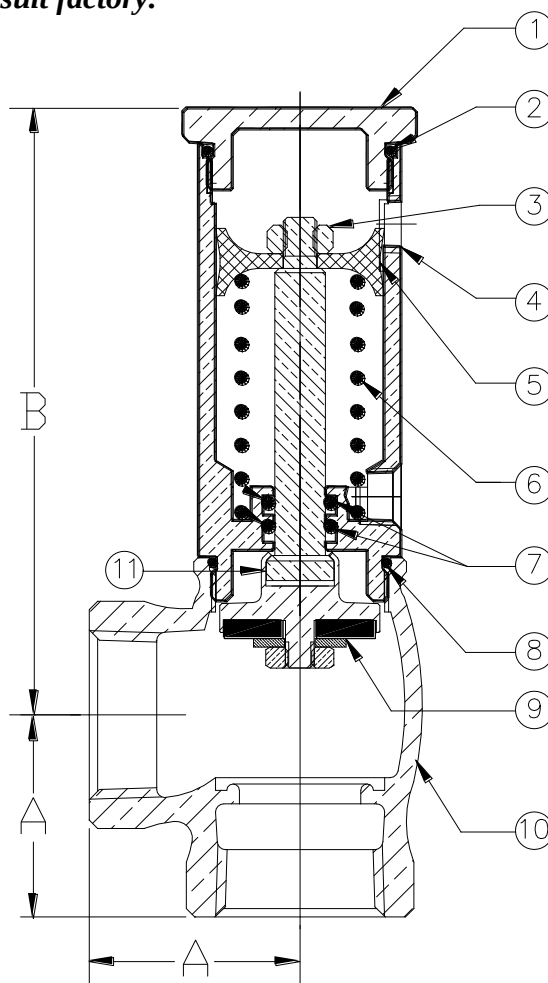
200 WOG Body Rating @ 180° Max
100% Pressure Tested • Threaded Ends
40PSI Operating Pressure
for Standard Configuration
80PSI Air Pressure Required

For other options, consult factory.

MATERIAL LIST

NO.	DESCRIPTION	MATERIAL
1	Cap	Brass
2	O-Ring	Buna
3	Jam Nut	Brass
4	Cylinder	Brass
5	Piston Cup	Buna
6	Spring	Steel
7	O-Ring	FKM (Viton)
8	O-Ring	FKM (Viton)
9	Disc	FKM (Viton)
10	Body	Bronze
11	Stem & Disc Assembly	Brass

	1 ¼"	1 ½"	2"
A	1.56	2.00	2.34
B	4.51	5.38	6.13
Ship Wgt. (lbs.)	2.26	4.38	6.20





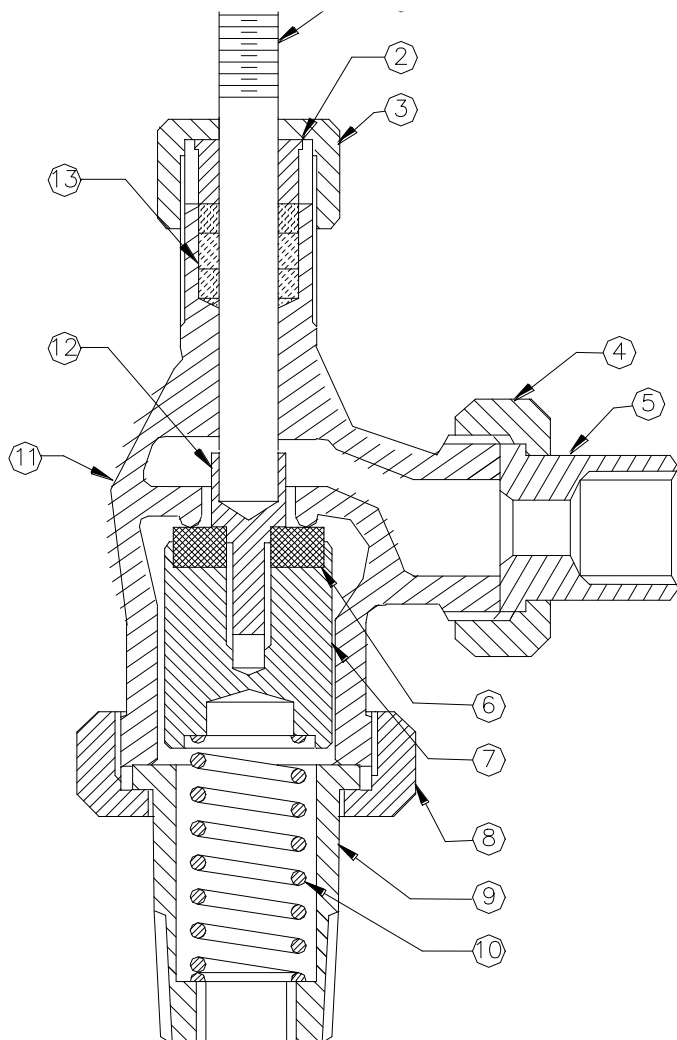
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Model 820T

Modern Angle Valve

125 WSP @ 350° Max



MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	825 – Stem	1
2	4065 – Packing Gland	1
3	38 – Packing Nut	1
4	32 – Union Nut	1
5	33A – Union	1
6	50TG ½" – Disc	1
7	823 – Disc Holder	1
8	65G - ½" Nut	1
9	826 – Tail Piece	1
10	821 – Spring	1
11	820B – Body	1
12	822 – Screw	1
13	4064T – Packing	3

**** NOTE ****

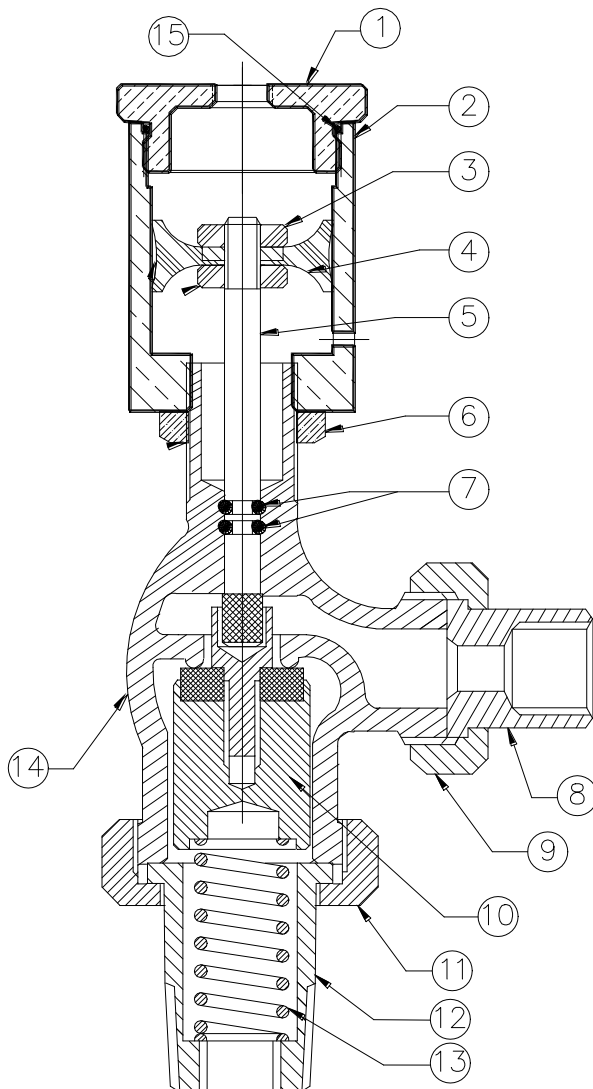
Can Order 824T Disc Holder Complete



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Model 830T
Pneumatic Modern Angle Valve
125 WSP @ 350° Max
Air Pressure Requirement 80 PSI



MATERIAL LIST

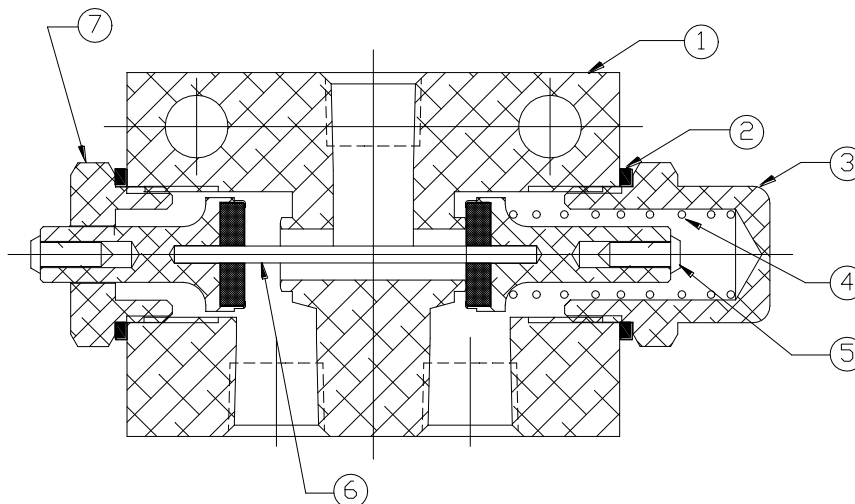
NO.	DESCRIPTION	QTY.
1	VC25A Cap	1
2	VC25L Cylinder	1
3	80HB ¼" Jam Nut	2
4	91671 Piston Cup	1
5	830B Stem	1
6	25WK ½" Lock Nut	1
7	701506 "o" Ring	2
8	33A Union Nipple	1
9	32 Union Nut	1
10	824T Disc Holder Assembly	1
11	65G ½" Bonnet Nut	1
12	826 Tail Piece	1
13	821 Spring	1
14	820B Body	1
15	701124 "O" Ring	1



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Model VN20 Two-Way Air Valve



MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	VN20BA – Body	1
2	86GT – PTFE Gasket	2
3	VN20A – Cap	1
4	VN20E – Spring	1
5	VN20DS – Disc Holder	2
6	VN20F - Pin	1
7	VN20C - Guide	1

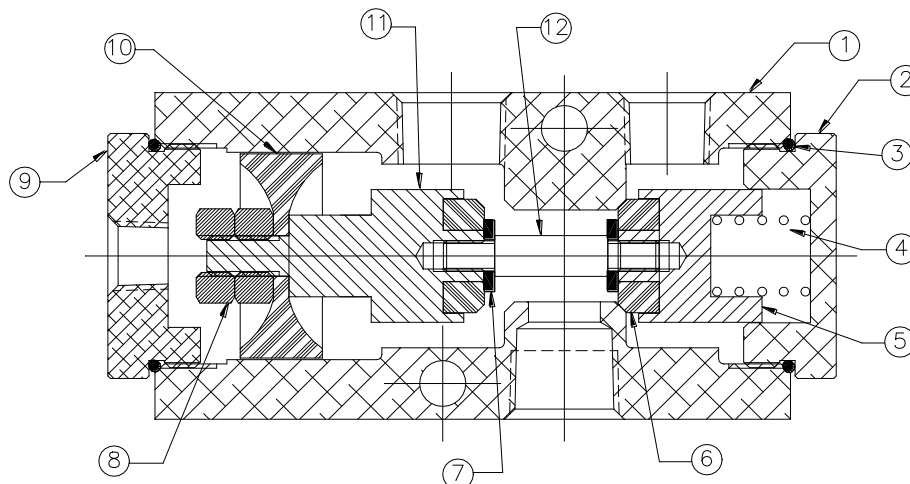
Repair Kit – VN20K



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Model VN30 Three-Way Air Valve



MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	VN30BA - Body	1
2	VN30C – Cap Guide	1
3	026N – 701026 O-Ring	2
4	VN30E – Spring	1
5	VN30D – Disc Holder	1
6	VN30S – Soft Disc	2
7	VN30W – Washer	2
8	V171 – Jam Nut	2
9	VN30A – Cap	1
10	91670 – Piston Cup	1
11	VN30DL – Long Disc Holder	1
12	VN30F – Stem	1

Repair Kit – VN30K

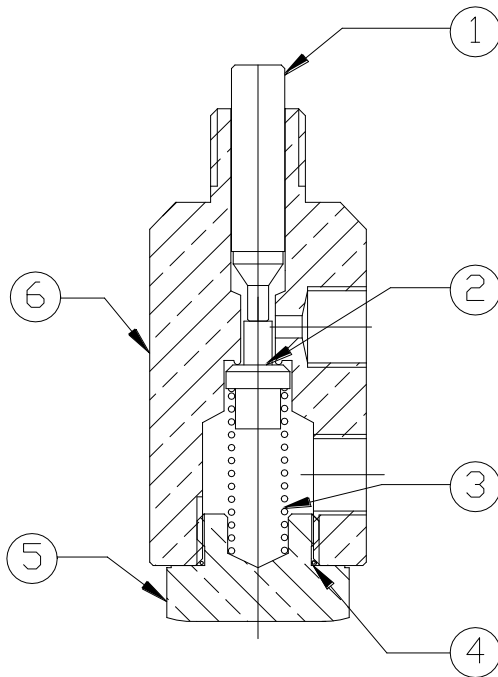


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Model RA211 Ajax Air Valve

125WSP @ 350°F Max



MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	RA211B – Stem	1
2	RA211D – Plunger	1
3	RA211S – Spring	1
4	701513 – 2-013 O-Ring	1
5	RA211A - Cap	1
6	RA211J - Body	1

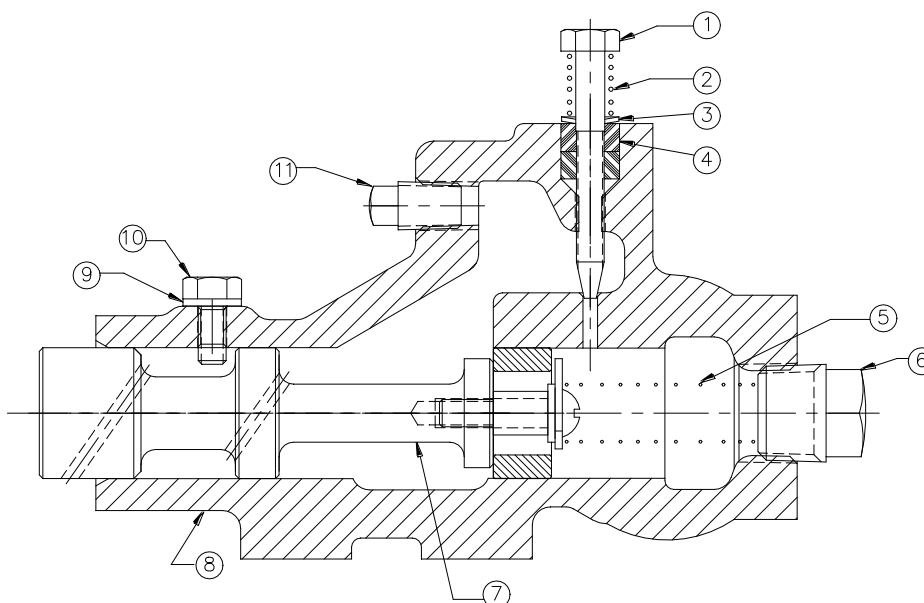


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Model X100 Oil Check Assembly

125WSP @ 350°F Max



MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	X109 – Adjusting Screw	1
2	X110 – Spring	1
3	80W ¼" – Bevel Washer	1
4	X107 – Packing	2
5	X111 – Inside Spring	1
6	V17 – Pipe Plug	1
7	X103 – Plunger	1
8	X101 - Body	1
9	R132 – Lock Washer	1
10	X102 – Cap Screw	1
11	O48 – Pipe Plug	1

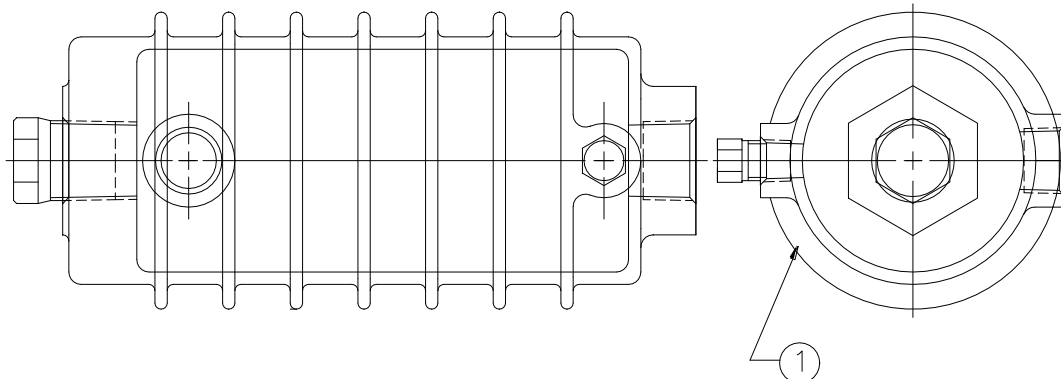
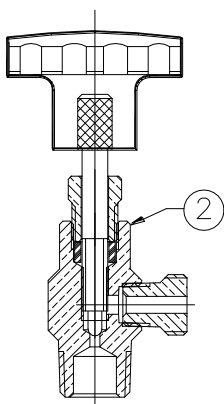


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Model 4030WV Condenser Assembly w/Valve

125WSP @ 350°F Max



MATERIAL LIST

NO.	DESCRIPTION	QUANTITY
1	4030 Condenser w/Plug	1
2	4175 Valve	1

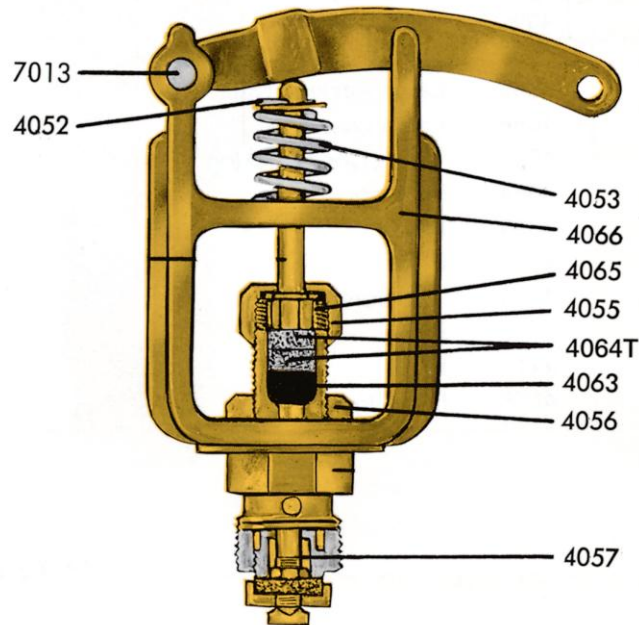


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Garment Conditioner Valve

(Parts Only)



MATERIAL LIST

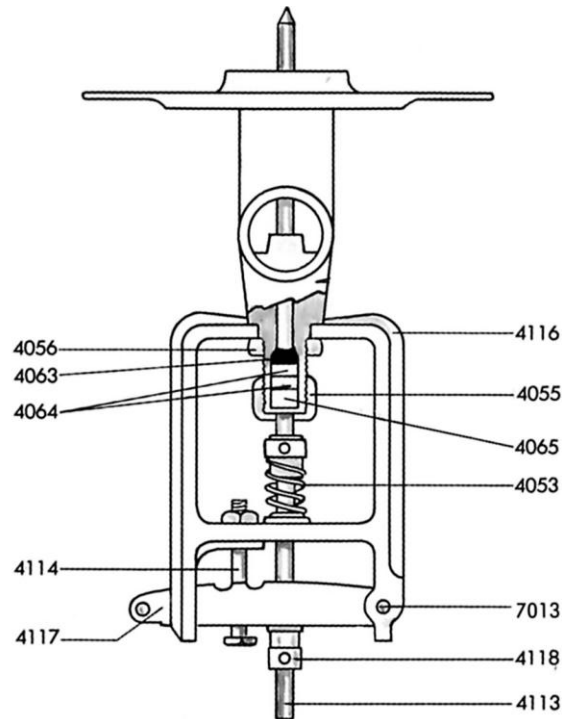
NO.	DESCRIPTION	QTY.
7013	Clevis Pin	1
4052	Cotter Pin	1
4053	Spring	1
4055	Large Packing Nut	1
4056	Large Lock Nut	1
4063	Teflon Cone Packing	1
4064T	Packing	2
4065	Gland	1
4066	Fork	1
4057	Seat	1



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Puff Iron Valve (Parts Only)



MATERIAL LIST

NO.	DESCRIPTION	QTY.
4116	Fork	1
4055	Large Packing Nut	1
4065	Gland	1
4053	Spring	1
7013	Clevis Pin	1
4118	Retainer	1
4113	Stem	1
4117	Lever	1
4114	Cap Screw & Nut	1
4064	Packing	2
4056	Lock Nut	1
4063	PTFE Cone Packing	1



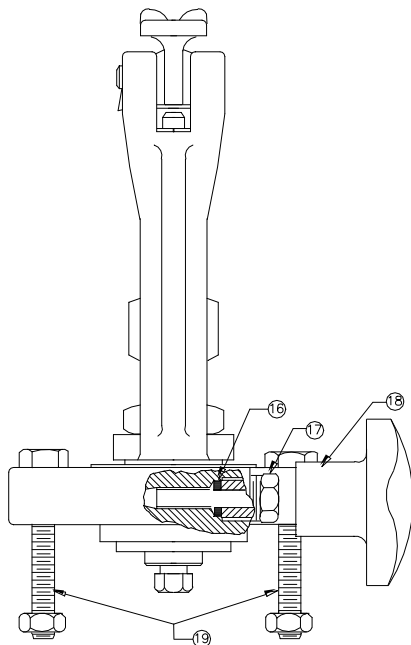
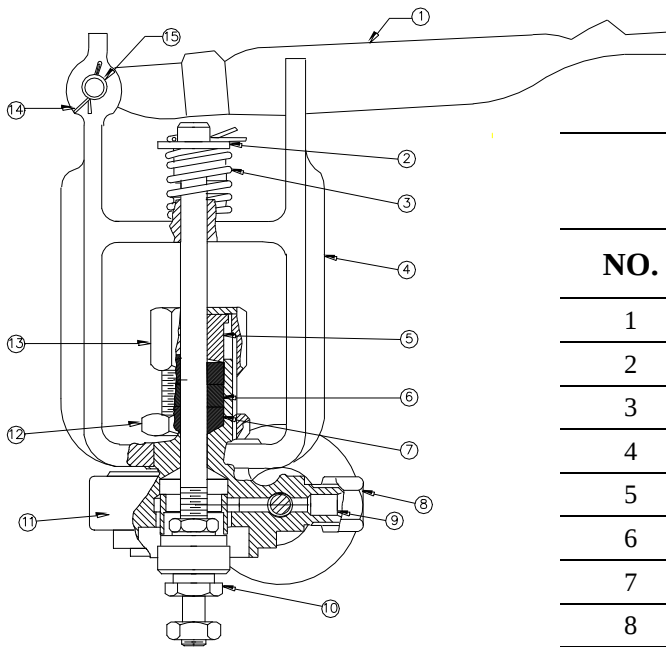
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Model 4180 Spotting Board Valve

Dry (Air) Valve w/ 11/64 Orifice

125WSP @ 350°F Max



MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	4068 - Lever	1
2	4065 - Gland	1
3	4053 - Spring	1
4	4066 - Fork	1
5	4065 - Gland	1
6	4064T - Large Packing	1
7	4063 - Teflon Cone Packing	2
8	3334 - Compression Nut	1
9	3344 - Compression Sleeve	1
10	4073 T - Stem / Disc	1
11	4077 - Body	1
12	4056 - Large Lock Nut	1
13	4055 - Large Packing Nut	1
14	4052 - Cotter Pin	2
15	7013 - Stem Lever Pin	1
16	4069 - Small Split Packing	1
17	4070 - Small Packing Nut	1
18	4071 - Control Knob	1
19	4059 - Nut & Bolt	2

** Mounting Gasket 4060T*



4033 Suspension Spring



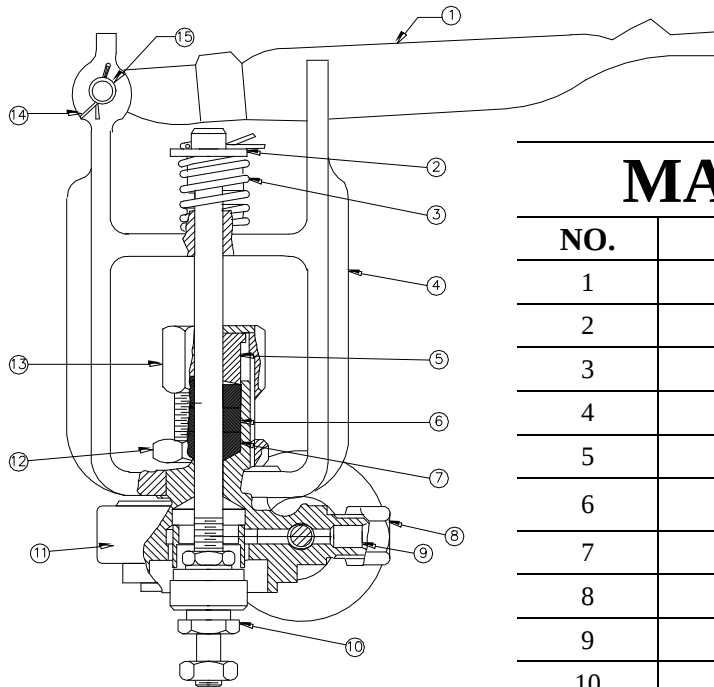
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Model 4050 Spotting Board Valve

Wet (Steam) Valve w/3/32 orifice

125WSP @ 350°F Max

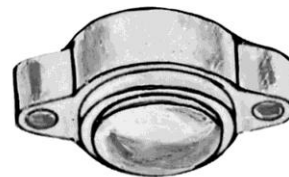
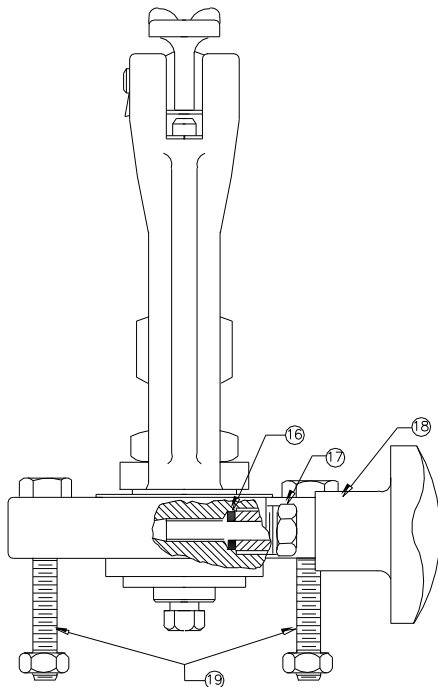


MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	4068 – Lever	1
2	4065 – Gland	1
3	4053 – Spring	1
4	4066 – Fork	1
5	4065 – Gland	1
6	4064T – Large Packing	1
7	4063 – Teflon Cone Packing	2
8	3334 – Compression Nut	1
9	3344 – Compression Sleeve	1
10	4073T – Stem / Disc Assembly	1
11	4075 – Body	1
12	4056 – Large Lock Nut	1
13	4055 – Large Packing Nut	1
14	4052 – Cotter Pin	2
15	7013 – Stem Lever Pin	1
16	4069 – Small Split Packing	1
17	4070 – Small Packing Nut	1
18	4071 – Control Knob	1
19	4059 – Bolt & Nut	2

* Mounting Gasket 4060T

4158 Dummy Valve Body





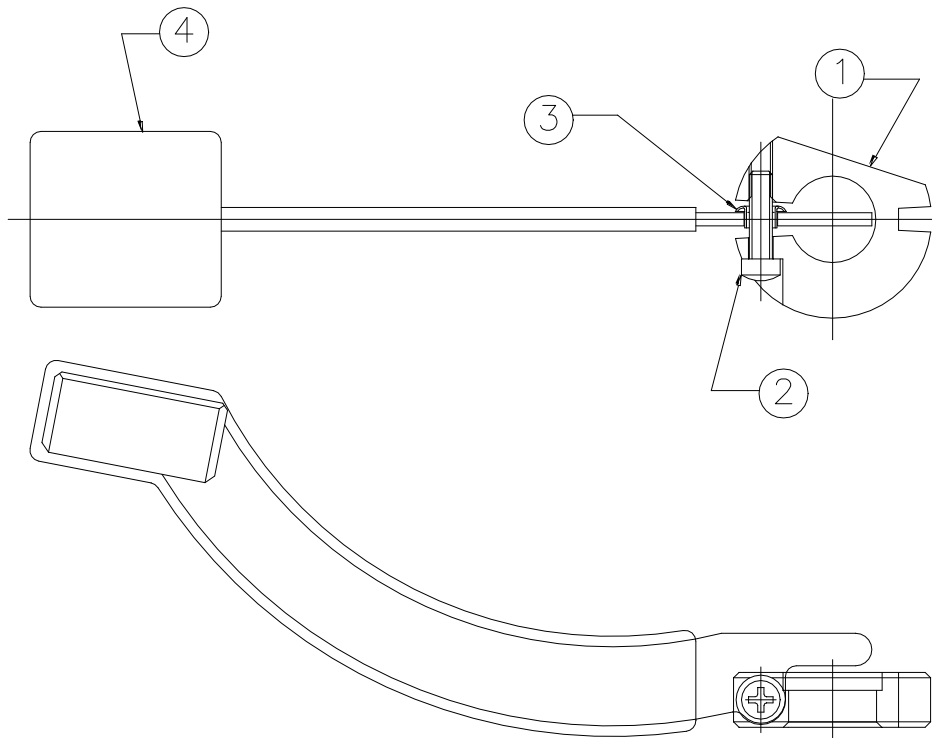
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Model 4991C

Yoke and Lever Assembly (*Cissell*)

(For use with Model 4996 Steam Iron Valve)



MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	4990C – Yoke	1
2	700162 – Screw	1
3	4990E – Eyelet	1
4	4990HNC – Lever	1



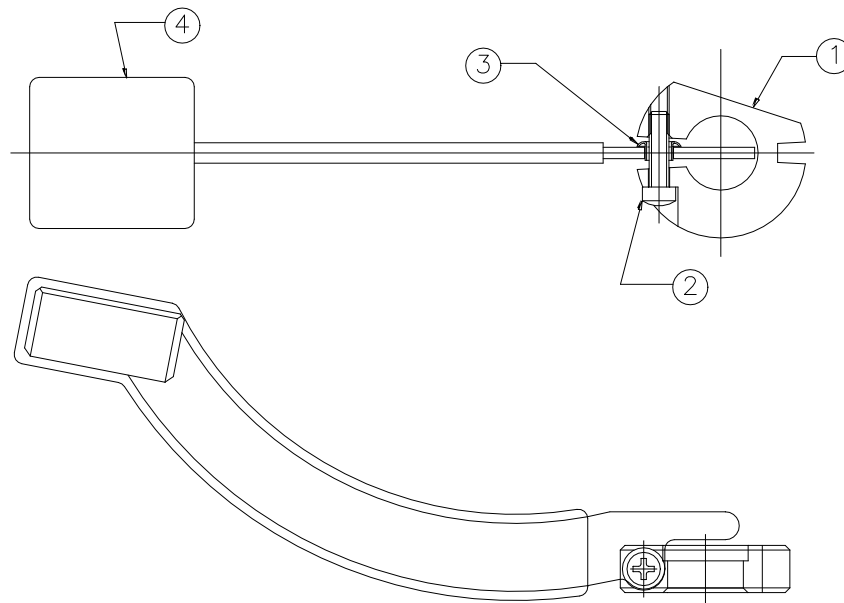
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Model 4991 Yoke And Lever Assembly

(For use with Model 4990 Steam Iron Valve)

125WSP @ 350°F Max



MATERIAL LIST

NO.	PART NO.	DESCRIPTION	QTY.
1	4990C	Yoke	1
2	700162	Screw	1
3	4990E	Eyelet	1
4	4990HNC	Lever	1

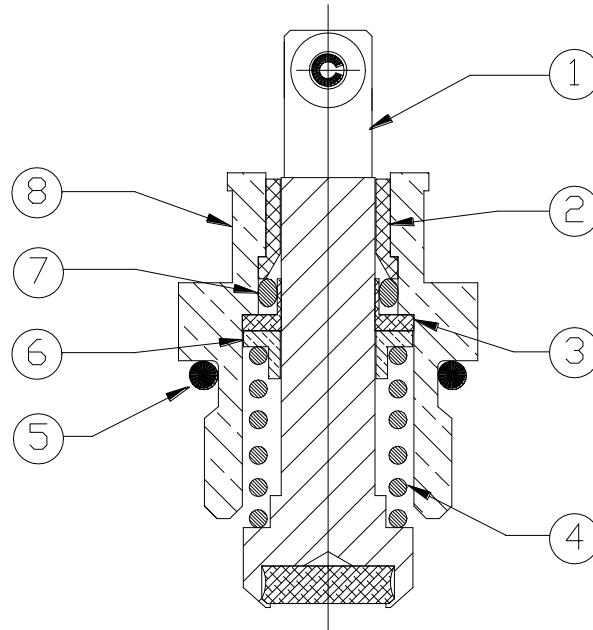


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Model 4990 Steam Iron Valve

125WSP @ 350°F Max



MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	4990S – Stem / Disc	1
2	4990U – Upper Seal	1
3	4990L – Lever Stem	1
4	4990P – Compression Spring	1
5	015SI – 702515 O-Ring	1
6	4990B – Spring Seat	1
7	0101SI – 702710 O-Ring	1
8	4990FC – Bonnet	1

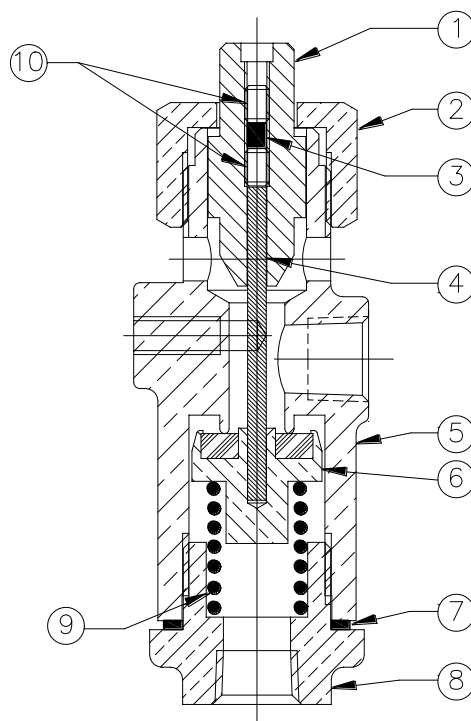
Rebuild Kit 4990RK



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Model R175 Hoffman Valve Air Circuit Valve



MATERIAL LIST

NO.	PART NO.	DESCRIPTION	QTY.
1	R176	Plunger	1
2	R178	Nut	1
3	R182	Spacer	1
4	R181	Stem	1
5	R179	Body	1
6	R153	Disc Holder	1
7	V20	Gasket	1
8	R180	Nut	1
9	R159	Spring	1
10	R177	Set Screw	2

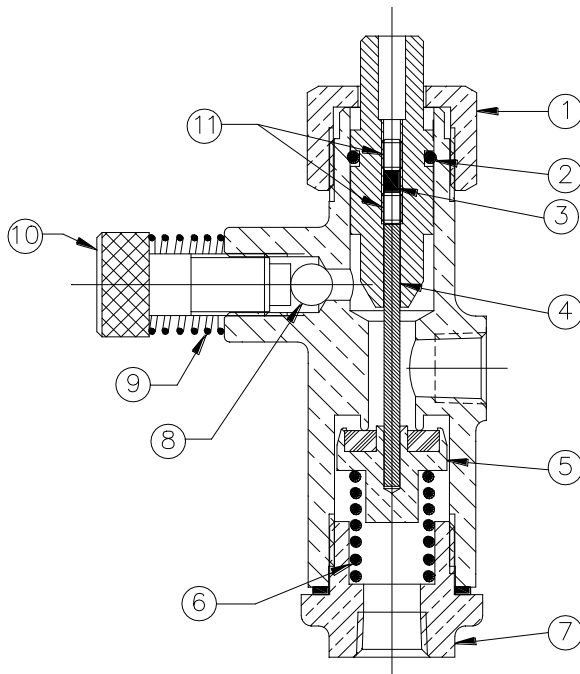


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Model R215 Hoffman Selector Valve Assembly

*Complete Valve No Longer Available,
Component Parts Only.*



MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	R178 – Nut	1
2	R211 – O-Ring	1
3	R182 – Spacer	1
4	R181 – Stem	1
5	R153 – Disc Holder	1
6	R159 – Spring	1
7	R180 - Nut	1
8	R210 – Ball	1
9	50D – ¼ Spring	1
10	R208 – Stem	1
11	R177 – Set Screw	2



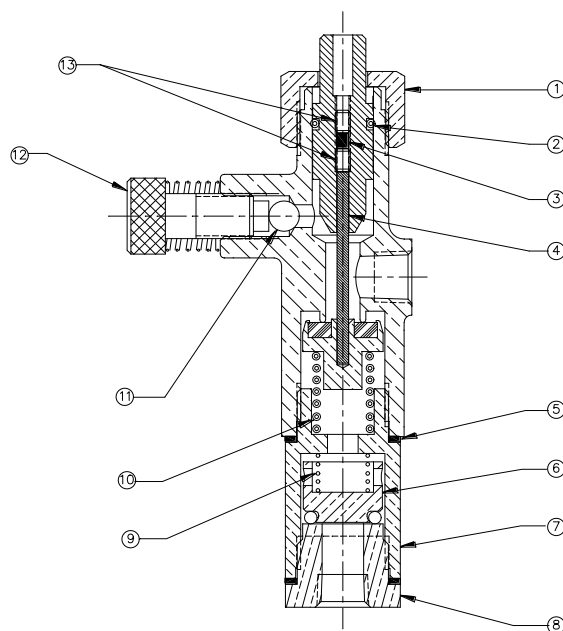
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Model R200

Hoffman Selector Valve Assembly

*Complete Valve No Longer Available,
Component Parts Only.*



MATERIAL LIST

NO.	DESCRIPTION	QTY.
1	R178 – Nut	1
2	R211 – O-Ring	1
3	R182 – Spacer	1
4	R181 – Stem	1
5	R153 – Disc Holder	1
6	R204 – O-Ring Holder	1
7	R203 – Check Valve Body	1
8	R206 – Check Valve Cap	1
9	R207 – Valve Spring	1
10	R159 – Spring	1
11	R210 – Ball	1
12	R208 – Stem	1
13	R177 – Set Screw	2

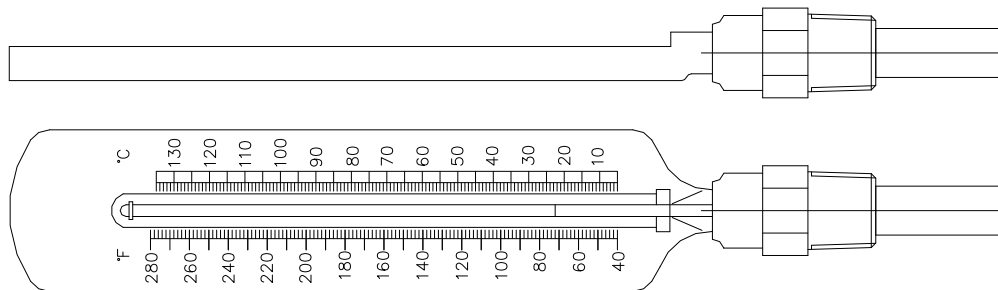


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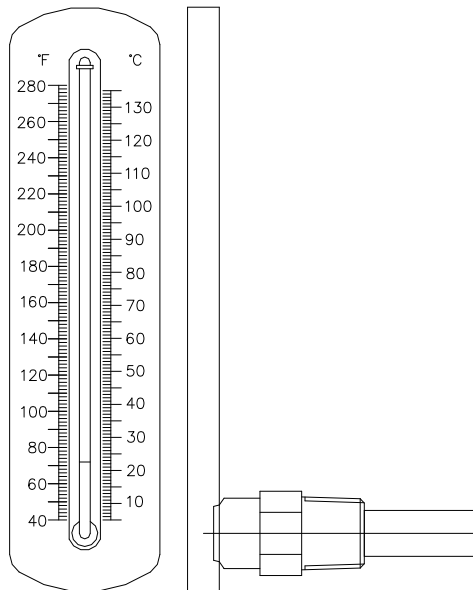


Models 853 & 854 Hot Water Thermometers

1/2 " NPT Male Threads
480° to 280°F



Model 853 Straight



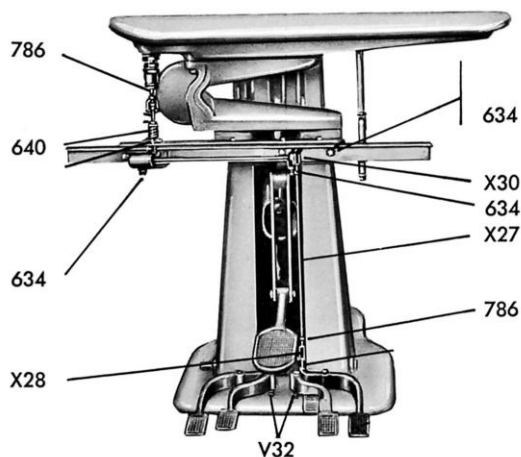
Model 854 - Angle



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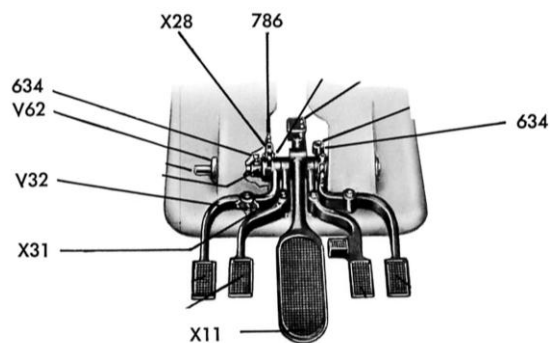


HOFFMAN Model V



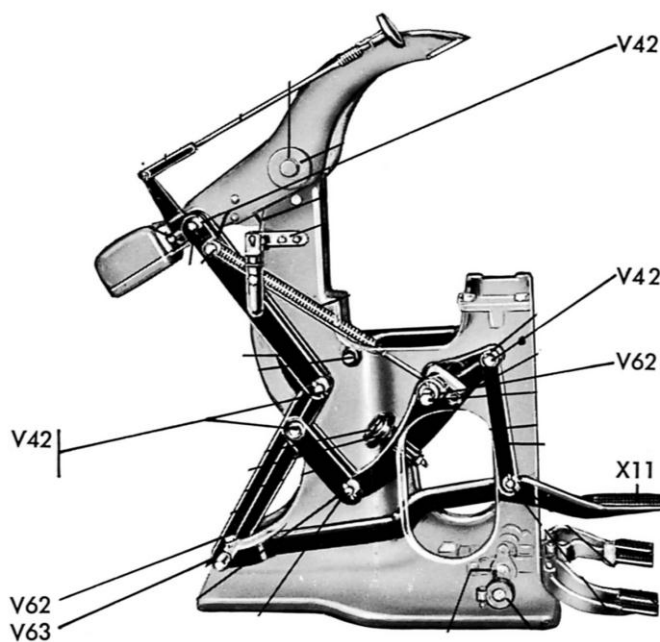
Buck Valve Linkage & Parts

640 – Spring
634 – 3/8" Nut
786 – 5/16" Nut
V32 – Pedal Spring
X27 – Buck Valve Rod
X28 – 5/16" Right Hand Clevis
X30 – 5/16" Left Hand Clevis



Foot Pedals & Parts

634 – 3/8" Nut
786 – 5/16" Nut
V32 – Pedal Spring
V62 – Bushing
X11 – Main Foot Pedal
X28 – 5/16" Right Hand Clevis
X31 – Spring Plug



Lever System, Linkage & Parts

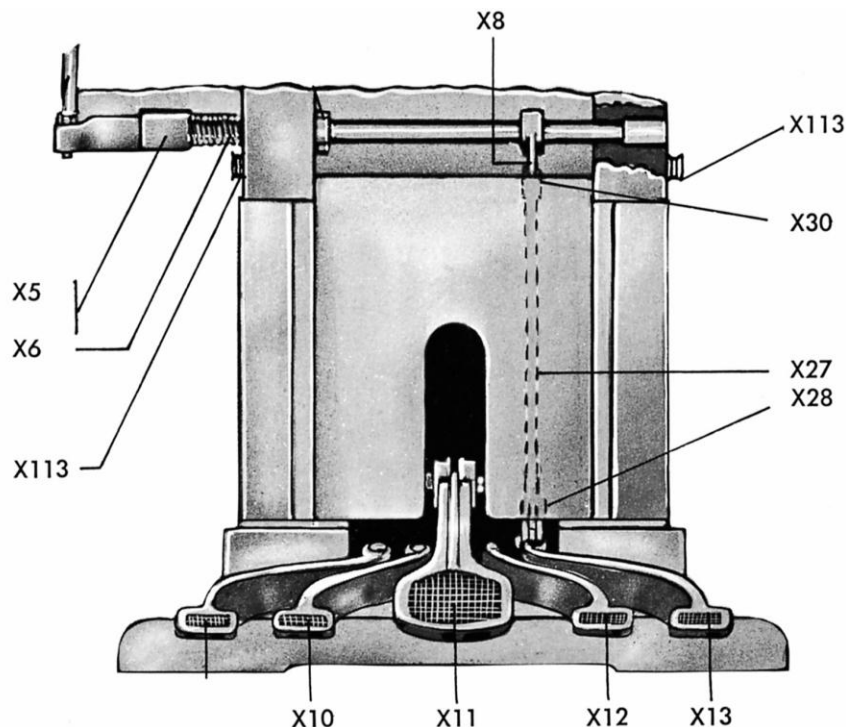
V42 – Lever Bushing
V62 – Bushing
V63 – Bushing
X11 – Main Foot Pedal



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HOFFMAN Model X - Front View



DESCRIPTION

X5 – Buck Valve Rod Arm	X11 – Main Foot Pedal	X28 – 5/16" Right Hand Clevis
X6 – Torsion Spring	X12 – Head Release Pedal	X30 – 5/16" Left Hand Clevis
X8 – Arm	X13 – Buck Valve Pedal	X113 – Pipe Support
X10 – Vacuum Valve Pedal	X27 – Pedal Rod 18 7/8"	

Counterbalance Spring Charts

Model No. (Aluminum Head)	Spring No.
XCO & F-6; XCF-7; XCO-10, XCS-1, 2, 19; XCO-56; XK-16, 23; XB-13, 100, 130	X90
XCO & F-2, 5; XCF-9, 10; XCO-17; XCF-56; XCO-90, 170; XE-9	X90
XK-2, 12; XW-(All); XB-12; XU-4, 40	X95

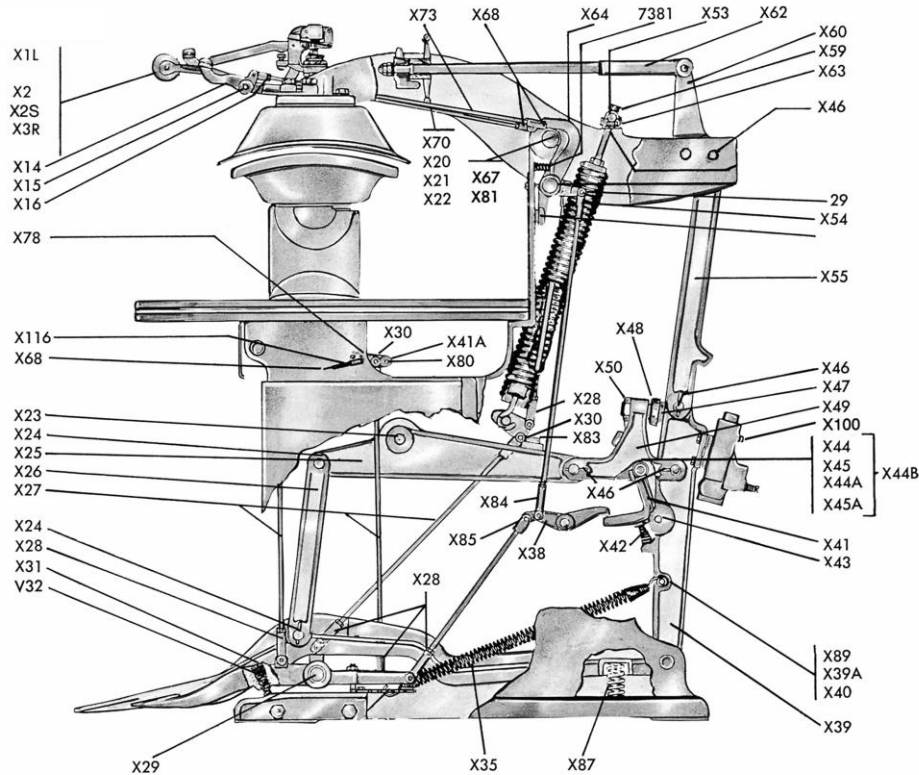
Model No. (Cast Iron Head)	Center Spring No.	Side Spring No.
XCO & F2, 4; XE-90, 100	X90	X90
XCO & F-5; XCO-17, 19; XE-15; XCO-56, 90, 170	X90	X95
XCF-6		X95
XCO- & F-9, 10; XE-9, 10		X95
XCO-24; XE-30, 48; XJ-11, 12, 180, 112; XK-2, 12, 120; XW-78, 90; XB-7, 12	X95	
XW-78, 90; XB-7, 12	X95	
XW-1, 2, 5, 8, 12, 50	X90	
XE-3, 4, 8		X90



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HOFFMAN Model X - Side View



DESCRIPTION

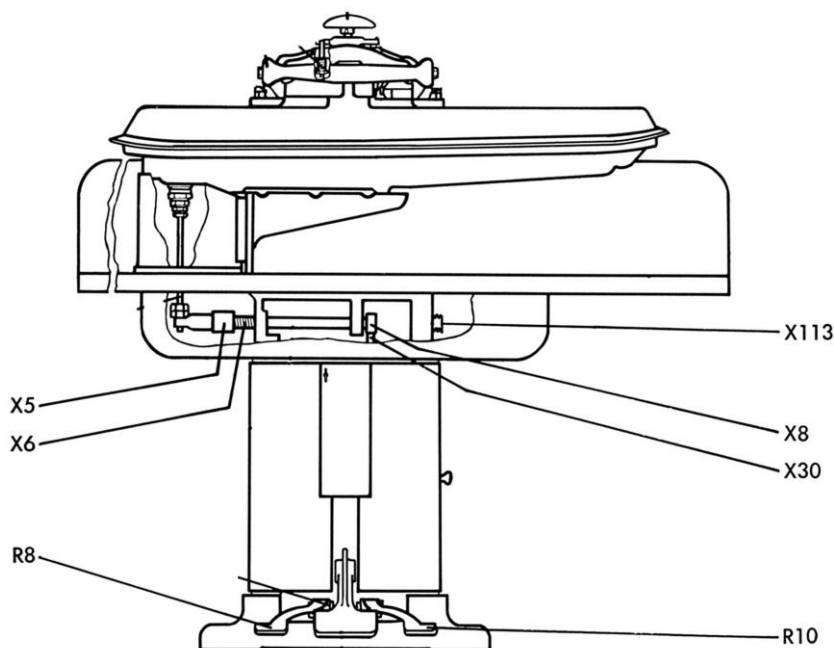
29 – Pin	X27 – Pedal Rod 18 7/8"	X45 – Locking Latch Shaft	X67 – Roller Bearing & Retainer
7381 – Spring	X28 – 5/16" Right Hand Clevis	X45A – Washer	X68 – Ball Joint (Left Hand)
V32 – Spring	X30 – 5/16" Left Hand Clevis	X46 – Push Link Pin	X70 – Trip Lever Rod
X1L – Left Handle Bracket	X31 – Spring Plug	X47 – Bumper	X73 – Head Valve Rod 16 1/4"
X2 – Handle 13 1/2"	X35 – Lever Spring	X48 – Bumper Cup	X77 – Bumper
X2S – Handle Short (Mushroom) 9 1/2"	X38 – Release Arm	X49 – Push Link	X78 – Vacuum Valve Arm & Shaft
X3R – Right Handle Bracket	X39 – Back Lever	X50 – Bumper Cup Nut	X79 – C levis Pin 5/16"
X14 – Release Lever	X39A – Spring Pin	X53 – Spring Pin Busing Block	X80 – Operating Arm
X15 – Trip Lever Stud	X40 – Spring Roller	X54 – 1/4" Left Hand Clevis	X83 – Bumper
X16 – Ball Joint (Right Hand)	X41 – Locking Latch	X55 – Back Lever Link	X84 – 1/4" Right Hand Clevis
X20 – Connecting Rod 19 1/8"	X41A – Bushing for X78	X57 – Clevis Pin 1/4"	X85 – Bracket
X21 – Connecting Rod 14 15/16"	X42 – Locking Latch Spring	X59 – Spring Pin	X87 – Pedal Spring
X22 – Connecting Rod 18 1/8"	X43 – Latch Pin	X60 – Bell Crank	X89 – Spring Roller Washer
X23 – Front Toggle Shaft	X44 – Locking Latch Bearing	X62 – Adjustable Rod Clevis	X100 – Oil Check
X24 – Connecting Link Pin	X44A – Bumper	X63 – Spring Bracket	X113 – Pipe Support
X25 – Front Toggle	X44B – Shaft Bearing Ass'y	X64 – Bell Crank	X116 – Vacuum Valve Rod 4"
X26 – Front Toggle Link			



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HOFFMAN Model R - Front View



DESCRIPTION

R8 – Vacuum Valve Pedal
R10 – Buck Valve Pedal
X5 – Buck Valve Rod Arm
X6 – Torsion Spring
X8 – Arm
X28 – 5/16" Right Hand Clevis
X30 – 5/16" Left Hand Clevis
X113 – Pipe Support

Counterbalance Spring Chart

X95

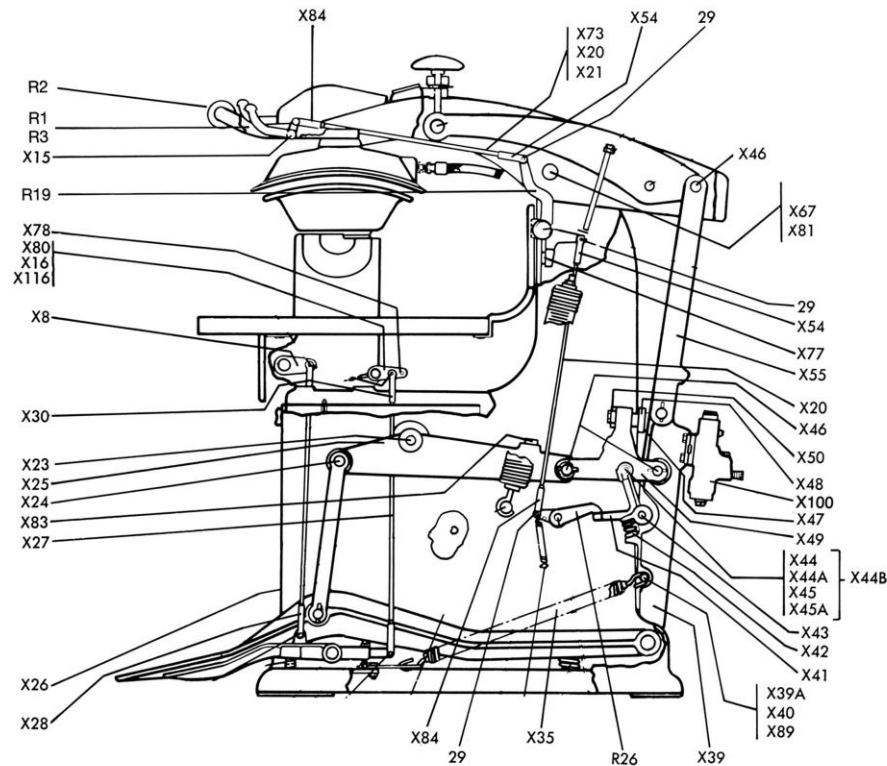
RCO & F-2, 4, 5, 6, 7, 9, 10;
RCO – 17, 18, 19; RCS-1, 2;
RCO-24, 56, 90, 170; RCF-56



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HOFFMAN Model R - Side View



DESCRIPTION

29 – Pin	X30 – 5/16" Left Hand Clevis	X49 – Push Link
R1 – Handle Bracket (Right)	X35 – Lever Spring	X50 – Bumper Cup Nut
R2 - Handle	X39 – Back Lever	X54 – 1/4" Left Hand Clevis
R3 – Handle Bracket (Left)	X39A – Back Lever Pin	X55 – Back Lever Link
R19 – Release Arm Bell Crank	X40 – Spring Roller	X67 – Roller Bearing & Retainer
R26 – Release Arm	X41 – Locking Latch	X73 – Head Valve Rod 16 1/4"
X8 – Buck Valve Arm	X41A – Bushing for X78	X77 – Bumper
X15 – Trip Lever Stud	X42 – Cone Spring	X78 – Vacuum Arm & Shaft Assembly
X16 – Ball Joint (Right Hand)	X43 – Latch Pin	X80 – Operating Arm
X20 – Connecting Rod 19 1/8"	X44 – Roller & Bearing	X81 – Y-Piece Bearing Washer
X21 – Connecting Rod 14 15/16"	X44A - Bumper	X83 – Bumper
X23 – Front Toggle Shaft	X44B – Shaft & Bearing Assembly	X84 – 1/4" Right Hand Clevis
X24 – Connecting Link Pin	X45 – Locking Latch Shaft	X89 – Spring Roller Washer
X25 – Front Toggle	X45A – Washer	X100 – Oil Check
X26 – Front Toggle Link	X46 – Push Link Pin	X116 – Vacuum Valve Rod 4"
X27 – Vacuum Pedal Rod 18 7/8"	X47 – Bumper	
X28 – 5/16" Right Hand Clevis	X48 – Bumper Cup	