

RECOMMENDED SPARE PARTS: 1700 Series Maxiflow® Valves
Designs: 3-Ring Control, "T", & "R"
Sub-Critical & Supercritical Boiler Application
Valve Type/Temperature Class vs Location on Boiler

Valve Type	Sub-Critical Boiler (Under 3200 psi)			Supercritical Boiler (Over 3200 psi)		
	Drum	Superheater	Reheat Section	Waterwall (Convection By-pass)	Superheater	Reheat Section
1710	A	B, C, D, E	-	-	-	-
1712-13	-	-	-	B, C	C, D, E	-
1715	A	B, C, D, E	-	-	-	-
1716	A	B, C, D, E	-	-	-	-
1717	A	B, C, D, E	-	-	-	-
1718	A	B, C, D, E	-	-	-	-
1719	A	B, C, D, E	-	-	-	-
1720	A	B, C, D, E	-	-	-	-
1722-23	-	-	-	B, C	C, D, E	-
1725	A	B, C, D, E	-	-	-	-
1726	A	B, C, D, E	-	-	-	-
1727	A	B, C, D, E	-	-	-	-
1728	A	B, C, D, E	-	-	-	-
1729	A	B, C, D, E	-	-	-	-
1730	A	B, C, D, E	-	-	-	-
1732-33	A	-	-	B, C	C, D, E	-
1735	A	B, C, D, E	-	-	-	-
1736	A	B, C, D, E	-	-	-	-
1737	A	B, C, D, E	-	-	-	-
1738	A	B, C, D, E	-	-	-	-
1738	A	B, C, D, E	-	-	-	-
1739	A	B, C, D, E	-	-	-	-
1740	-	-	-	B, C	C, D, E	-
1742-43	A	B, C, D, E	-	-	-	-
1745	A	B, C, D, E	-	-	-	-
1746	A	B, C, D, E	-	-	-	-
1747	A	B, C, D, E	-	-	-	-
1748	A	B, C, D, E	-	-	-	-
1749	A	B, C, D, E	-	-	-	-
1750	A	B, C, D, E	-	-	-	-
1752-53	-	-	-	B, C	C, D, E	-
1755	A	B, C, D, E	-	-	-	-
1756	A	B, C, D, E	-	-	-	-
1757	A	B, C, D, E	-	-	-	-
1758	A	B, C, D, E	-	-	-	-
1759	A	B, C, D, E	-	-	-	-
1765	A	-	A, B, C, D, E	-	-	A, B, C, D, E
1766	A	-	A, B, C, D, E	-	-	A, B, C, D, E
1767	A	-	A, B, C, D, E	-	-	A, B, C, D, E
1775	-	-	A, B, C, D, E	-	-	A, B, C, D, E
1775Q	-	-	A, B, C, D, E	-	-	A, B, C, D, E
1776	-	-	A, B, C, D, E	-	-	A, B, C, D, E
1776Q	-	-	A, B, C, D, E	-	-	A, B, C, D, E
1785	-	-	A, B, C, D, E	-	-	A, B, C, D, E
1786	-	-	A, B, C, D, E	-	-	A, B, C, D, E
1787	-	-	A, B, C, D, E	-	-	A, B, C, D, E
1705R	-	-	A, B, C, D, E	-	-	A, B, C, D, E
1706R	-	-	A, B, C, D, E	-	-	A, B, C, D, E
1707R	-	-	A, B, C, D, E	-	-	A, B, C, D, E

SEE IMPORTANCE NOTICE ON PAGE 3 REGARDING PARTS REPLACEMENT.

**RECOMMENDED SPARE PARTS: 1700 Maxiflow® Safety Valves
 3-Ring Control, T & R Designs**

Class	Part Name	Sub-Critical Boiler (Under 3200 psi)			Sub-Critical Boiler (Under 3200 psi)			Predicted Availability
		Quantity Parts/Same Size, Type Set Pressure & Temperature Class (Minimum)			Quantity Parts/Same Size, Type Set Pressure & Temperature Class (Maximum)			
		Drum heater	Super- Section	Reheat	Drum heater	Super- Section	Reheat	
I	1. Disc	1/3		1/6	1/1		1/4	70%
	2. Disc Retaining Pin (2) R	1/3		1/6	1/1		1/4	
	3. Adj. Ring Pin (Upper)	1/3		1/6	1/1		1/4	
	4. Adj. Ring Pin (Lower)	1/3		1/6	1/1		1/4	
	5. Adj. Ring Pin (Trim) 3-Ring	1/3		1/6	1/1		1/4	

IMPORTANT NOTICE

These designs have been out of production for 40 years or more. Parts availability is very low. We recommend that the "R" design be updated to "S2/S3" design and valves of the other designs be replaced. Consult with Dresser or its authorized representative for assistance in planning replacement.

Note: Made in T Design Only
SAFETY VALVE SPARE PARTS REFERENCE LIST
Maxiflow®: "T" Design
Size and Type: 1- 1/2": 1712 WC - "T" Design Only

Part Description	Temperature Class					
		A	B	C	D	E
	Design	Part No.	Part No.	Part No.	Part No.	Part No.
Class I						
1. Disc	T			VDV815		
2. Adj. Ring Pin (Upper)	T			VP813N		
2a. Adj. Ring Pin (Lower)	T			VP813K		

SAFETY VALVE SPARE PARTS REFERENCE LIST
Maxiflow®: 3-Ring Control, "T" & "R"
Size and Type: 1- 1/2" 1715-16-17

Part Description	Temperature Class					
		A	B	C	D	E
	Design	Part No.	Part No.	Part No.	Part No.	Part No.
Class I						
1. Disc	3-Ring, T			VBV815		
1a. Disc	R			VEN815		
2. Disc Retaining Pin (2)	R			0087499		
3. Adj. Ring Pin (Upper)	3-Ring, T			VP813Z		
3a. Adj. Ring Pin (Upper)	R			VP813F		
4. Adj. Ring Pin (Trim)	3-Ring			VP813Z		
5. Adj. Ring Pin (Lower)	3-Ring			VP813T		
5a. Adj. Ring Pin (Lower)	T			VP813T		
5b. Adj. Ring Pin (Lower)	R			VP813E		

SAFETY VALVE SPARE PARTS REFERENCE LIST
Maxiflow®: 3-Ring Control, "T" & "R"
Size and Type: 1- 1/2" 1718-19-10

Part Description	Temperature Class					
		A	B	C	D	E
	Design	Part No.	Part No.	Part No.	Part No.	Part No.
Class I						
1. Disc	3-Ring, T			VG815		
1a. Disc	R			VEN815		
2. Disc Retaining Pin (2)	R			0087499		
3. Adj. Ring Pin (Upper)	3-Ring, T			VP813T		
3a. Adj. Ring Pin (Upper)	R			VP813H		
4. Adj. Ring Pin (Upper)	3-Ring			VP813T		
5. Adj. Ring Pin (Lower)	3-Ring			VP813J		
5a. Adj. Ring Pin (Lower)	T			VP813J		
5b. Adj. Ring Pin (Lower)	R			VP813J		

SAFETY VALVE SPARE PARTS REFERENCE LIST
Maxiflow®: 3-Ring Control, "T" & "R"
Size and Type: 2" 1725-26-27

Part Description	Temperature Class					
		A	B	C	D	E
	Design	Part No.	Part No.	Part No.	Part No.	Part No.
Class I						
1. Disc	3-Ring, T			VBW815		
1a. Disc	R			VEP815		
2. Disc Retaining Pin (2)	R			0087501		
3. Adj. Ring Pin (Upper)	3-Ring, T			VP813Z		
3a. Adj. Ring Pin (Upper)	R			VP813F		
4. Adj. Ring Pin (Trim)	3-Ring			VP813Z		
5. Adj. Ring Pin (Lower)	3-Ring			VP813G		
5a. Adj. Ring Pin (Lower)	T			VP813G		
5b. Adj. Ring Pin (Lower)	R			VP813G		

SAFETY VALVE SPARE PARTS REFERENCE LIST
Maxiflow®: 3-Ring Control, "T" & "R"
Size and Type: 2" 1728-29-20

Part Description	Temperature Class					
		A	B	C	D	E
	Design	Part No.	Part No.	Part No.	Part No.	Part No.
Class I						
1. Disc	3-Ring, T			VGW815		
1a. Disc	R			VEP815		
2. Disc Retaining Pin (2)	R			0087501		
3. Adj. Ring Pin (Upper)	3-Ring, T			VP813J		
3a. Adj. Ring Pin (Upper)	R			VP813F		
4. Adj. Ring Pin (Trim)	3-Ring			VP813J		
5. Adj. Ring Pin (Lower)	3-Ring			VP813S		
5a. Adj. Ring Pin (Lower)	T			VP813S		
5b. Adj. Ring Pin (Lower)	R			VP813G		

SAFETY VALVE SPARE PARTS REFERENCE LIST
Maxiflow®: 3-Ring Control, "T" & "R"
Size and Type: 2-1/2" 1735-36-37

Part Description	Temperature Class					
		A	B	C	D	E
	Design	Part No.	Part No.	Part No.	Part No.	Part No.
Class I						
1. Disc	3-Ring, T			VBX815		
1a. Disc	R			VEU815		
2. Disc Retaining Pin (2)	R			0089461		
3. Adj. Ring Pin (Upper)	3-Ring, T			VP813G		
3a. Adj. Ring Pin (Upper)	R			VP813E		
4. Adj. Ring Pin (Trim)	3-Ring			VP813G		
5. Adj. Ring Pin (Lower)	3-Ring			VP813B		
5a. Adj. Ring Pin (Lower)	T			VP813B		
5b. Adj. Ring Pin (Lower)	R			VP813B		

SAFETY VALVE SPARE PARTS REFERENCE LIST
Maxiflow®: 3-Ring Control, "T" & "R"
Size and Type: 2-1/2" 1738-39-30

Part Description	Temperature Class					
		A	B	C	D	E
	Design	Part No.	Part No.	Part No.	Part No.	Part No.
Class I						
1. Disc	3-Ring, T			VGX815		
1a. Disc	R			VEU815		
2. Disc Retaining Pin (2)	R			0089461		
3. Adj. Ring Pin (Upper)	3-Ring, T			VP813S		
3a. Adj. Ring Pin (Upper)	R			VP813B		
4. Adj. Ring Pin (Trim)	3-Ring			VP813S		
5. Adj. Ring Pin (Lower)	3-Ring			VP813S		
5a. Adj. Ring Pin (Lower)	T			VP813S		
5b. Adj. Ring Pin (Lower)	R			VP813C		

SAFETY VALVE SPARE PARTS REFERENCE LIST
Maxiflow®: 3-Ring Control, "T" & "R"
Size and Type: 3" 1745-46

Part Description	Temperature Class					
		A	B	C	D	E
	Design	Part No.	Part No.	Part No.	Part No.	Part No.
Class I						
1. Disc	3-Ring, T			VBY815		
1a. Disc	R			VFL815		
2. Disc Retaining Pin (2)	R			0089528		
3. Adj. Ring Pin (Upper)	3-Ring, T			VP813G		
3a. Adj. Ring Pin (Upper)	R			VP813J		
4. Adj. Ring Pin (Trim)	3-Ring			VP813G		
5. Adj. Ring Pin (Lower)	3-Ring			VP813S		
5a. Adj. Ring Pin (Lower)	T			VP813S		
5b. Adj. Ring Pin (Lower)	R			VP813A		

SAFETY VALVE SPARE PARTS REFERENCE LIST
Maxiflow®: 3-Ring Control, "T" & "R"
Size and Type: 3" 1747

Part Description	Temperature Class					
		A	B	C	D	E
	Design	Part No.	Part No.	Part No.	Part No.	Part No.
Class I						
1. Disc	3-Ring, T			VBZ815		
1a. Disc	R			VFL815		
2. Disc Retaining Pin (2)	R			0089528		
3. Adj. Ring Pin (Upper)	3-Ring, T			VP813S		
3a. Adj. Ring Pin (Upper)	R			VP813J		
4. Adj. Ring Pin (Trim)	3-Ring			VP813S		
5. Adj. Ring Pin (Lower)	3-Ring			VP813S		
5a. Adj. Ring Pin (Lower)	T			VP813S		
5b. Adj. Ring Pin (Lower)	R			VP813A		

SAFETY VALVE SPARE PARTS REFERENCE LIST
Maxiflow®: "R" DESIGN
Size and Type: 3" 1748-49-40

Part Description	Temperature Class					
		A	B	C	D	E
	Design	Part No.	Part No.	Part No.	Part No.	Part No.
Class I						
1. Disc	R			VFL815		
2. Disc Retaining Pin (2)	R			0089528		
3. Adj. Ring Pin (Upper)	R			VP813J		
4. Adj. Ring Pin (Lower)	R			VP813A		

SAFETY VALVE SPARE PARTS REFERENCE LIST
Maxiflow®: 3-Ring Control, "T" & "R"
Size and Type: 3" 1755-56

Part Description	Temperature Class					
		A	B	C	D	E
	Design	Part No.	Part No.	Part No.	Part No.	Part No.
Class I						
1. Disc	3-Ring, T			VDA815		
1a. Disc	R			VEA815		
2. Disc Retaining Pin (2)	R			0089528		
3. Adj. Ring Pin (Upper)	3-Ring, T			VP813T		
3a. Adj. Ring Pin (Upper)	R			VP813B		
4. Adj. Ring Pin (Trim)	3-Ring			VP813J		
5. Adj. Ring Pin (Lower)	3-Ring			VP813A		
5a. Adj. Ring Pin (Lower)	T			VP813A		
5b. Adj. Ring Pin (Lower)	R			VP813A		

SAFETY VALVE SPARE PARTS REFERENCE LIST
Maxiflow®: 3-Ring Control, "T" & "R"
Size and Type: 3" 1757-58-59-50

Part Description	Temperature Class					
		A	B	C	D	E
	Design	Part No.	Part No.	Part No.	Part No.	Part No.
Class I						
1. Disc	3-Ring, T			VHA815		
1a. Disc	R			VEA815		
2. Disc Retaining Pin (2)	R			0089528		
3. Adj. Ring Pin (Upper)	3-Ring, T			VP813J		
3a. Adj. Ring Pin (Upper)	R			VP813B		
4. Adj. Ring Pin (Trim)	3-Ring			VP813J		
5. Adj. Ring Pin (Lower)	3-Ring			VP813A		
5a. Adj. Ring Pin (Lower)	T			VP813A		
5b. Adj. Ring Pin (Lower)	R			VP813A		

SAFETY VALVE SPARE PARTS REFERENCE LIST
Maxiflow®: "R" DESIGN
Size and Type: 4" 1765-66-67

Part Description	Temperature Class					
		A	B	C	D	E
	Design	Part No.	Part No.	Part No.	Part No.	Part No.
Class I						
1. Disc	R			VEV815		
2. Adj. Ring Pin (Upper)	R			VP813E		
3. Adj. Ring Pin (Lower)	R			VP813B		

SAFETY VALVE SPARE PARTS REFERENCE LIST
Maxiflow®: 3-Ring Control, "T" & "R"
Size and Type: 4" 1775 - 76 & Q

Part Description	Temperature Class					
		A	B	C	D	E
	Design	Part No.	Part No.	Part No.	Part No.	Part No.
Class I						
1. Disc	3-Ring, T			VGZ815		
1a. Disc	R			VEZ815		
2. Adj. Ring Pin (Upper)	3-Ring, T			VP813G		
2a. Adj. Ring Pin (Upper)	R			VP813H		
3. Adj. Ring Pin (Trim)	3-Ring			VP813T		
4. Adj. Ring Pin (Lower)	3-Ring			VP813N		
5. Adj. Ring Pin (Lower)	T			VP813N		
5A. Adj. Ring Pin (Lower)	R			VP813A		

SAFETY VALVE SPARE PARTS REFERENCE LIST
Maxiflow®: "R" Design
Size and Type: 6" 1785 - 86

Part Description	Temperature Class					
		A	B	C	D	E
	Design	Part No.	Part No.	Part No.	Part No.	Part No.
Class I						
1. Disc	R			VFQ815		
2. Adj. Ring Pin (Upper)	R			VP813J		
2a. Adj. Ring Pin (Lower)	R			VP813K		