

Steam Traps

THERMODYNAMIC TRAPS

Manufacturer		Watson McDaniel		Armstrong		Spence Nicholson		Hoffman		Spirax Sarco		Yarway		TLV	
Desc.	Size	Product	F/F Dim	Product	F/F Dim	Product	F/F Dim	Product	F/F Dim	Product	F/F Dim	Product	F/F Dim	Product	F/F Dim
Standard 600 PSI															
Disc Trap	3/8"	TD600	2"	CD-33	3.31"	NTD600	2"	TD6523	2"	TD-52	2"	29	2"		
	1/2"		2.7"				2.68"	TD6524	2.75"		2.7"		2.25"		
	3/4"		2.8"				2.81"	TD6526	2.75"		2.8"		2.87"		
	1"		3.3"				3.31"	TD6528	3.25"		3.3"		3.37"		
Low Capacity Disc Trap	1/2"	TD600L	2.7"	CD-33L	3.31"	S610L	3.25"			TD-52L	2.7"				
	3/4"		2.8"				3.25"	2.8"							
Low Capacity Disc Trap w/ Strainer	1/2"	TD600LS	3.1"	CD-33SL	3.31"					TD-42L	3.1"				
	3/4"		3.5"			3.31"		3.5"							
	1"		3.7"			3.31"		3.7"							
Disc Trap with Strainer	1/2"	TD600S	3.1"	CD-33S	3.5"	NTD600S	2"	TD6424	3.06"	TD-42H	3.1"	129Y	2.76"	A3N	3.87"
	3/4"		3.5"				2.68"	TD6426	3.06"		3.5"		2.95"	P46SS	2.75"
Disc Trap with Strainer & Blowdown	1/2"	TD600SB	3.1"	CD-33SB	3.5"	NTD600SB	2"			TD-42HB	3.1"	129YB	2.76"	A3N	3.87"
	3/4"		3.5"				2.68"	3.5"	2.95"		P46SS		2.75"		
Low Cap. Disc Trap w/ Strainer & Blowdown	1/2"		3.1"							TD-42LB	3.1"				
	3/4"	TD600LSB	3.5"	CD-33SBL	3.5"				3.5"						
	1"		3.7"						3.7"						
Repairable In-line															
Disc Trap with Strainer	1/2"	TD700S	3.16"			S610	3.25"					721	3.15"	A46S	3.12"
	3/4"		3.55"							3.54"	A50S				
	1"		6.31"							3.93"	P46SRN				
Disc Trap with Strainer & Blowdown	1/2"	TD700SB	3.16"									721	3.15"	A46S	3.12"
	3/4"		3.55"							3.54"	A50S				
	1"		6.31"							3.93"	P46SRN				
High-Pressure Repairable In-line															
Disc Trap with Strainer	1/2"	TD700HS	3.15"									721HP	3.15"		
	3/4"		3.54"							3.54"					
	1"		6.31"							3.93"					
Disc Trap w/ Strainer & Blowdown	1/2"	TD700HSB	3.15"									721HP	3.15"		
	3/4"		3.54"							3.54"					
	1"		6.31"							3.93"					
High-Pressure Repairable In-line - 900 PSI															
Disc Trap with Strainer	1/2"	TD900S	3.6"							TD62	3.6"	460D3	4.81"	A65SS	3.12"
	3/4"		3.6"							3.6"	4.81"				
Ultra High-Pressure Repairable In-line - 3600 PSI															
Disc Trap	1/2"	TD3600	6.2"									TD120	6.2"		
	3/4"		6.2"							6.2"					
	1"		6.2"							6.2"					

Steam Traps (continued)

THERMOSTATIC TRAPS													
Manufacturer		Watson McDaniel		Armstrong		Spence Nicholson		Spirax Sarco		Hoffman		TLV	
Desc.	Size	Product	F/F Dim	Product	F/F Dim	Product	F/F Dim	Product	F/F Dim	Product	F/F Dim	Product	F/F Dim
Non-Repairable													
Thermostatic 300 PSI	1/2"	WT1000	2.5"					TSS300	2.5"			LV21	2.18"
	3/4"		2.5"				2.5"			2.18"			
Thermostatic 650 PSI	1/2"	WT2000C	3.75"	WT-1	4.5"	TA	3.75"	DTS300	2.5"				
	3/4"		3.75"	TTF-1	4.69"		3.93"		2.5"				
Repairable													
Thermostatic 250 PSI	1/2"	WT2500	3"			N450	3"						
	3/4"		3"				3"						
Thermostatic 650 PSI	1/2"	WT3000	4.5"			N650	5"						
	3/4"		4.5"				5"						
Thermostatic 650 PSI with Strainer	1/2"	WT3000S	4.5"			N650Y	5"	TM600N	5.25"			L21S	3.12"
	3/4"		4.5"				5"		5.25"	L32S			
Thermostatic 650 PSI with Strainer & Blowdown	1/2"	WT3000SB	4.5"			N650Y	5"						
	3/4"		4.5"				5"						
Thermostatic 300 PSI	3/4"	WT4000	4.5"			N450	3"						
	1"		4.5"				3"						
Thermostatic 300 PSI with Strainer	3/4"	WT4000S	4.5"			N450Y	3"						
	1"		4.5"				3"						
Thermostatic 300 PSI w/ Strainer & Blowdown	3/4"	WT4000SB	4.5"			N450Y	3"						
	1"		4.5"				3"						
Thermostatic 125 PSI, Angle*	1/2"	TA125	2.81"	TS-3	3.12"	N125	2.75"	RTA-125	2.8"	17C	3.24"	RT3A	3.12"
	3/4"		3.06"				3.5"		3.18"	3"	8C		3.12"
Adjustable Bi-Metallic													
1/2"	3/4"	WT5000	2.75"									LEX3N-TZ	2.75"
			3.12"							LEXW3N-TZ			
			3.12"							LEXF3N-TZ			
3/4"	1"	WT5000	3.12"									LEX3N-TZ	3.12"
			3.12"							LEXW3N-TZ			
			3.12"							LEXF3N-TZ			
1"	3/4"	WT5000	3.12"									LEX3N-TZ	3.12"
			3.12"							LEXW3N-TZ			
			3.12"							LEXF3N-TZ			

* Right Angle (90°) Ports

Steam Traps (continued)

FLOAT & THERMOSTATIC TRAPS													
Manufacturer		Watson McDaniel		Armstrong		Hoffman		Spence Nicholson		Spirax Sarco		TLV	
Desc.	Size	Product	F/F Dim	Product	F/F Dim	Product	F/F Dim	Product	F/F Dim	Product	F/F Dim	Product	F/F Dim
Ductile Iron – Repairable In-Line													
In-Line	1/2"	FTT	4.8"	B12	2.75"	FTI	5.5"	FTE10	5.06"	FT14	4.8"	J3X	4.75"
	3/4"		4.8"	B13	2.75"		5.5"		5.06"		4.8"		4.75"
	1"		4.8"	B14	3"		5.5"		5.06"		4.7"		4.75"
	1.5"		10.6"	B16	4.18"				11.12"		10.6"		11"
	2"		11.9"	B18	6"				12.12"		11.9"		J87
High Capacity	1.5"	FTE	3"					HC	3"	FTB	3"		
	2"		4.5"	J&L	6.62"	FT-X-8	6.3"		6.62"		4.5"		
	2.5"		7.25"	K&M	11.31"	FT-C-10	9.5"		9.5"		7.25"		
Cast Iron – Repairable In-Line													
15 PSI	3/4"	WFT-015	3.3"	15-B3	2.75"	FT015H-3	3.93"	FTN	3.31"	FT-15	3.3"	SJ3-1	3.31"
	1"		3.3"	15-B4	3"	FT015H-4	3.93"		3.31"		3.3"	SJ3-1	5.12"
	1.25"		3"	15-B5	3"	FT015H-5	3"		3"		3"	SJ5-1	3"
	1.5"		3"	15-B6	4.18"	FT015H-6	3"		3"		4.25"	SJ6-1	4.93"
	2"		4.5"	15-B8	6"	FT015H-8	4.94"		4.94"		4.9"	SJ6-1	4.93"
30 PSI	3/4"	WFT-030	3.3"	30-B3	2.75"	FT030H-3	3.31"	FTN	3.31"	FT-30	3.3"	SJ3-2	5.12"
	1"		3.3"	30-B4	3"	FT030H-4	3.31"		3.31"		3.3"	SJ3-2	5.12"
	1.25"		3"	30-B5	3"	FT030H-5	3"		3"		3"	SJ5-2	3"
	1.5"		3"	30-B6	4.18"	FT030C-6	3"		3"		4.25"	SJ6-2	4.06"
	2"		4.5"	30-B8	6"	FT030C-8	4.94"		4.94"		4.9"	SJ6-2	4.93"
75 PSI	3/4"	WFT-075	3.3"	75-A3	2.75"	FT075H-3	3.31"	FTN	3.31"	FT-75	3.3"	SJ3-5	5.12"
	1"		3.3"	75-A4	3"	FT075H-4	3.31"		3.31"		3.3"	SJ3-5	5.12"
	1.25"		3"	75-A5	3"	FT075C-5	3"		3"		4.25"	SJ5-5	3"
	1.5"		3"	75-A6	4.18"	FT075C-6	3"		3"		4.25"	SJ6-10	4.93"
	2"		4.5"	75-A8	6"	FT075C-8	4.94"		4.94"		4.9"	SJ6-10	4.93"
125 PSI	3/4"	WFT-125	3.3"	125-A3	2.75"	FT125H-3	3.31"	FTN	3.31"	FT-125	3.3"	SJ3-10	5.12"
	1"		3.3"	125-A4	3"	FT125H-4	3.31"		3.31"		3.3"	SJ3-10	5.12"
	1.25"		3"	125-A5	3"	FT125C-5	3"		3"		4.25"	SJ5-10	3"
	1.5"		3"	125-A6	4.18"	FT125C-6	3"		3"		4.25"	SJ6-10	4.93"
	2"		4.5"	125-A8	6"	FT125C-8	4.94"		4.94"		4.9"	SJ6-10	4.93"
175 PSI	3/4"	WFT-175	3"	175-A3	2.75"	FT175H-3	3.31"	FTN		FT-200	3.3"	SJ3-14	5.12"
	1"		3"	175-A4	3"	FT175H-4	3.31"				3.3"	SJ3-14	5.12"
	1.25"		3"	175-A5	3"	FT175C-5	3"				4.25"	SJ5-14	3"
	1.5"		3"	175-A6	4.18"	FT175C-6	3"				4.25"	SJ6-14	4.93"
	2"		4.5"	175-A8	6"	FT175C-8	4.94"				4.9"	SJ6-14	4.93"
250 PSI	3/4"	WFT-250	3"					FTN		FT-200	3.3"	SJ3-14	5.12"
	1"		3"								3.3"	SJ3-14	5.12"
	1.25"		3"								4.25"	SJ5-14	3"
	1.5"		3"								4.25"	SJ6-14	4.93"
	2"		4.5"								4.9"	SJ6-14	4.93"
H Pattern 15 PSI	3/4"	FT3	4.12"			FT015H-3	3.31"						
	1"	FT4	4.12"			FT015H-4	3.31"						
	1.25"	FT6	5"			FT015H-5	3"						
	1.5"	FT7	6.37"			FT015H-6	5.25"						
	2"	FT8	6.5"			FT015H-8	7.46"						
H Pattern 30 PSI	3/4"	FT33	4.12"			FT030H-3	3.31"						
	1"	FT34	4.12"			FT030H-4	3.31"						
	1"	FT35	5"										
	1.25"	FT36	5"			FT030H-5	3"						
	1.5"	FT37L	6.37"			FT030H-6	5.25"						
2"	FT38	6.5"											
H Pattern 75 PSI	3/4"	FT73	4.12"			FT075H-3	3.31"						
	1"	FT74	4.12"			FT075H-4	3.31"						
	1"	FT75	5"										
	1.25"	FT76	5"										
	1.5"	FT77L	6.37"										
2"	FT78	6.5"											

Steam Traps (continued)

FLOAT & THERMOSTATIC TRAPS (continued)													
Manufacturer		Watson McDaniel		Armstrong		Hoffman		Spence Nicholson		Spirax Sarco		TLV	
Desc.	Size	Product	F/F Dim	Product	F/F Dim	Product	F/F Dim	Product	F/F Dim	Product	F/F Dim	Product	F/F Dim
Carbon Steel													
In-Line	3/4"	FT600	6.1"	CS	6.75"			FTE44 NFT650	5.12" 5.5"	FT450	6.1"	JH3X	5.12"
	1"		6.5"	CS	8.37"			FTE44 NFT650	5.12" 11"	FT450	6.5"	JH3X	5.25"
	1.5"		9.8"	CS	11"			FTE44 NFT650	11.12" 13.75"	FT450	9.8"	JH7.2X	16"
	2"		11.8"	CS	11"			FTE44 NFT650	12.12" 13.75"	FT450	11.8"	JH8RX	23.25"
	3"		27.55" 39"							FT450	27.55" 39"	JL10 JL16	10.32"
	4"		39"							FT450	39"	J10	23.43" 24.06"
Offset	2.5"	FTES	8.4"	LS	11.31"					FTB	9.25"		
Stainless Steel													
In-Line	3/4"	FT601	6.1"							FT46	5.8"		
	1"		6.5"						6.2"				
	1.5"		9.8"						9"				
	2"		11.8"						9"				
	3"		27.55" 39"										
	4"		39"										

INVERTED BUCKET (IB) TRAPS											
Manufacturer		Watson McDaniel		Armstrong		Hoffman		Spence Nicholson		Spirax Sarco	
Desc.	Size	Product	F/F Dim	Product	F/F Dim	Product	F/F Dim	Product	F/F Dim	Product	F/F Dim
Cast Iron											
IB Trap	1/2"	IB1031	5"	800	5"					B1H	5"
	3/4"		5"		5"				5"		
	1/2"	IB1032	5"	811	5"	B1-2	6.93"			B2	6.6"
	3/4"		5"		5"	B1-3	6.93"				
	1"		5"		5"						
	1/2"	IB1033	6.5"	812	6.5"	B2-2	6.93"			B2	6.6"
	3/4"		6.5"		6.5"	B2-3	6.93"				
	3/4"	IB1034	7.75"	813	7.75"	B3-3	9.44"			B2	6.6"
1"	7.75"		7.75"		B3-4	9.44"					
IB Trap with Strainer	1/2"	IB1041	5"	880	5"			80S	5.06"		5"
	3/4"		5"		5"			5.06"	5"		
	1/2"	IB1042	5"	881	5"	B1S-2	6.93"	81S	5.06"		
	3/4"		5"		5"	B1S-3	6.93"	5.06"	B2S	6.6"	
	3/4"		7.12"		883	7.87"	B3-3	9.44"	82S	7.00"	B2S
	1"	IB1038S	7.12"		7.87"	B3-4	9.44"	83S	8.12"	B3S	7.9"
	1.25"		7.12"						B4S	9.3"	
1.5"	7.12"										

STAINLESS STEEL INVERTED BUCKET (SS IB) TRAPS									
Manufacturer		Watson McDaniel		Armstrong		Spence Nicholson		Spirax Sarco	
Desc.	Size	Product	F/F Dim	Product	F/F Dim	Product	F/F Dim	Product	F/F Dim
SS IB Trap	1/2"	SIB	4.55"	1810	4.31"	TSBT-LS/MS	4.31"	SIB30	4.3"
	3/4"		4.55"		4.31"		4.31"		4.3"
SS IB Trap Hi Cap.	1/2"	SIBH	4.55"	1811	4.31"		4.31"	SIB30H	4.3"
	3/4"		4.55"		4.31"		4.31"		4.3"

Steam Traps (continued)

UNIVERSAL CONNECTORS											
Manufacturer		Watson McDaniel		Armstrong		Spence Nicholson		Spirax Sarco		TLV	
Desc.	Size	Product	F/F Dim	Product	F/F Dim	Product	F/F Dim	Product	F/F Dim	Product	F/F Dim
Universal Connector	1/2"	UC450	2.92"	IS-2	3.5"	UMTC	3.5"	UPC	2.4"		
	3/4"		2.92"		3.5"		3.5"		2.9"		
	1"		5.66"		3.5"		3.5"		3.6"		
Universal Connector w/ Str	1/2"	UC450S	3.31"			UMTCY	3.5"			FS	3.12"
	3/4"		3.31"				3.5"				3.12"
	1"		3.62"				3.5"				3.75"
Universal Connector w/ Str/BD	1/2"	UC450SB	3.31"							FS	3.12"
	3/4"		3.31"						3.12"		
	1"		3.62"						3.75"		
Universal Connector w/ Str	1/2"	UC450S-LR UC450S-RL	3.31"	IS-2	3.5"			USC	3.2"		
	3/4"		3.31"		3.5"				3.5"		
	1"		3.62"		3.5"				3.9"		
Universal Connector w/ Str/BD	1/2"	UC450SB-LR UC450SB-RL	3.31"					USCB	3.2"		
	3/4"		3.31"						3.5"		
	1"		3.62"						3.9"		

Str = Strainer; BD = Blowdown Valve

UNIVERSAL STEAM TRAP MODULES					
Description	Watson McDaniel	Armstrong	Spence Nicholson	Spirax Sarco	TLV
Standard Thermodynamic	UTD450		UMT-TD10		
Standard Thermodynamic LC	UTD450L		UMT-TD10L		
SM Thermodynamic	UTD450SM	CD-3300		UTD52H	FP32
SM Thermodynamic LC	UTD450LSM			UTD52L	
SM Thermodynamic LC/HP	UTD600LSM-HP			UTD52L-HP	
Thermostatic	UT450	WT-2000	UMT450T	UBP32	FL21
		TT-2000			FL32
Float & Thermostatic	UFT450	FT-4000		UFT14	FS3 FS5
Inverted Bucket	USIB450	2010	USBT	UIB30	
Inverted Bucket HP	USIB450H	2011	USBT	UIB30H	
Bi-Metallic	UB450	AB-2000		USM21	FX-1

SM = Side Mount; LC = Low Capacity; HP = High Pressure

SANITARY / CLEAN STEAM TRAPS					
Description	Watson McDaniel	Armstrong	Spence Nicholson	Spirax Sarco	TLV
Thermostatic Repairable, Angle*	FDA400		CDH		
Thermostatic Repairable	FDA500	TC-C	CDS	BT6	SS5P
Thermostatic	FDA600	TC-R	DS100	BTM7	
Thermodynamic	FDA800		NTD230L	BTD52L	P10

* Right Angle (90°) Ports

Pressure Motive Pumps

PRESSURE MOTIVE PUMPS

Description	Watson McDaniel	Armstrong	Spence Nicholson	Spirax Sarco	Hoffman	TLV
Ductile Iron	PMPNT	PT104		PPEC		GP10L
Upright Ductile Iron	PMPC	PT3500	P3	PPC PTC	PCC	GP10 GP14
Upright Carbon Steel	PMPF	PT400	P3 Classic Vertical	PPF PTF	PCS	GP10F GP14F
Low Profile Carbon Steel	PMPLS	PT200	P3 Little Boy	PPEC		GP10L
Hi-Cap 4"x4" Carbon Steel	PMPBP	PT516	Big Boy	PTF4		
Pump-Trap Combination						
1 1/2"x1 1/2" PMPLS & FTE-200	WPT3	Double Duty 6		APT-14		GT10L-1-1/2
2"x2" PMPC & FTE-200	WPT4			APT-14HC		
3"x2" PMPC & FTE-200	WPT5					
1", 1 1/2" PMP w/ Internal Trap	PMPT	Double Duty 4		APT-10/APT-14		GL10L-1

SKID MOUNTED PUMP SYSTEMS

Watson McDaniel	Armstrong	Spirax Sarco Pivitol	Spence Nicholson Condensate Commander
PMPM Simplex, 6" x 36" Receiver	SPT-104LBRP-6 (4 Gallon)	PPEC Simplex	
PMPM Simplex, 8" x 36" Receiver	SPT-104LBRP-8 (7 Gallon)		
PMPM Simplex, 10" x 36" Receiver	SPT-104LBRP-10 (10 Gallon)	PPEC Simplex, 12 Gallon	
PMPM Duplex, 21-Gallon Receiver	DPT-104LBRP-12 (22 Gallon)	PPEC Duplex	
PMPC Simplex, 6" x 36" Receiver	SPT-200LBRP-6		
PMPC Simplex, 8" x 36" Receiver	SPT-200LBRP-8	PTC Simplex	
PMPC Simplex, 10" x 36" Receiver	SPT-200LBRP-10		
PMPC Simplex, 21-Gallon Receiver	SPT-200LBRP-16 (30 Gallon)	PTC Simplex, 31 Gallon	
PMPC Duplex, 21-Gallon Receiver	DPT-200LBRP-12	PTC Duplex, 31 Gallon	
PMPC Duplex, 75-Gallon Receiver	DPT-200LBRP-24 (85 Gallon)	PTC Duplex, 65 Gallon	
PMPF Simplex, 10" x 36" Receiver	SPT-400LBRP-10	PTF Simplex, 12 Gallon	
PMPF Simplex, 21-Gallon Receiver	SPT-400LBRP-16	PTF Simplex, 31 Gallon	Classic Vertical Simplex, 25 Gallon
PMPF Duplex, 21-Gallon Receiver	DPT-400LBRP-12	PTF Duplex, 31 Gallon	Classic Vertical Duplex, 25 Gallon
PMPF Duplex, 75-Gallon Receiver	DPT-400LBRP-24	PTF Duplex, 65 Gallon	Classic Vertical Duplex, 65 Gallon
PMPF Triplex, 116-Gallon Receiver	TPT-400LBRP (24" x 72")	PTF Triplex, 135 Gallon	Classic Vertical Triplex, 115 Gallon
PMPF Quadruplex, 116-Gallon Receiver	QPT-400LBRP (24" x 72")	PTF Quadruplex, 185 Gallon	Classic Vertical Quadruplex, 250 Gallon
PMPC Simplex, 10" x 36" Receiver	SPT-3500LBRP-10	PTC Simplex	
PMPC Simplex, 21-Gallon Receiver	SPT-3500LBRP-16	PTC Simplex, 31 Gallon	
PMPC Duplex, 21-Gallon Receiver	DPT-3500LBRP-12	PTC Duplex, 31 Gallon	
PMPC Duplex, 75-Gallon Receiver	DPT-3500LBRP-24	PTC Duplex, 65 Gallon	
PMPC Triplex	TPT-3500LBRP	PTC Triplex	
PMPC Quadruplex	QPT-3500LBRP	PTC Quadruplex	
PMPF Simplex, 10" x 36" Receiver	SPT-300LBRP-10	PTF Simplex	
PMPF Simplex, 21-Gallon Receiver	SPT-300LBRP-16	PTF Simplex, 31 Gallon	Classic Vertical Simplex, 25 Gallon
PMPF Duplex, 21-Gallon Receiver	DPT-300LBRP-12	PTF Duplex, 31 Gallon	Classic Vertical Duplex, 25 Gallon
PMPF Duplex, 75-Gallon Receiver	DPT-300LBRP-24	PTF Duplex, 65 Gallon	Classic Vertical Duplex, 65 Gallon
PMPF Triplex	TPT-300LBRP	PTF Triplex	Classic Vertical Triplex
PMPF Quadruplex	QPT-300LBRP	PTF Quadruplex	Classic Vertical Quadruplex
PMPBP Simplex, 116-Gallon Receiver	SPT-516RP (24" x 72")	PTF4 Simplex	Big Boy Simplex
PMPBP Duplex, 280-Gallon Receiver	DPT-516RP (30" x 84")	PTF4 Duplex	Big Boy Duplex

Pressure & Temperature Regulators

PILOT-OPERATED REGULATING VALVES

Description	Watson McDaniel	Armstrong	Spence Nicholson	Spirax Sarco	Hoffman	Fisher Controls
External Pilot-Operated Main Valve, Ductile Iron	HD	GP	E	25	2100	92
Pressure Pilot	PP	GP-2000	D	P	SPS	92B
Temperature Pilot	PT/PTU	OB-2000	T124 T14	T	STPA	
Temperature Pilot w/ Dial	PTRP		T14			
Air Pilot	PA	GP-2000K	A	A	AP	
Back Pressure Pilot	BP	GP-2000R	Q	BP		
Solenoid Pilot	SP	GP-2000	M	E		
Pneumatic Temperature Controller	PTL/PTR	OBK-2000	T61/62/63/64			
Differential Pressure Pilot	PDP		Type N			

SELF-CONTAINED PRESSURE REDUCING VALVES

Description	Watson McDaniel	Armstrong	Spence Nicholson	Spirax Sarco	Hoffman	Watts	TLV
Cast Iron, Steam, Water & Air Service	O-Series	GD30 GD6(N)	D-50	BRV	754	152	
Ductile Iron, Piston Actuated High-Capacity Steam & Air Service	402/403	GP-1000 GP-18/28 GP-1					COSR ACOSR
Bronze & Cast Iron Water, Air & Oil Service	B-Series	GD-200	D-34		740	223	

TEMPERATURE REGULATING VALVES

Description	Watson McDaniel	Trerice	Powers	Spence Nicholson	Hoffman
Direct Acting, Heating w/ Dial	H175*	91000	11	2000	1140
	H175T**	91400			
Reverse Acting, Cooling w/ Dial	C153*	91000	11	2000	1140R
	C153T**	91400			
Heating or Cooling, w/o Dial	W91	91000	11	2000	1140
					1140R
Heating or Cooling, w/ Dial	W94	91400	11	2000	1140

* Watson McDaniel Models 175 & 153 were upgraded to Model W91.

** Watson McDaniel Models 175T & 153T were upgraded to Model W94.

BACK PRESSURE / RELIEF VALVES

Description	Watson McDaniel	Fisher Controls
Bronze & Cast Iron Water, Air & Oil Service	3040	98H
Bronze Water Service	R-Series & 10691	

Liquid Drainers

LIQUID DRAINERS					
Description	Size	Watson McDaniel	Armstrong	Spirax Sarco	Hoffman
High Capacity Float Type					
Ductile Iron	1.5"	WLDE		FAB	
	2"		JD & L		
	2.5"		KD & L		
Float Type					
Ductile Iron	1/2" - 2"	WLD1400		CA14	
				FAI	
				CA10S	
Cast Iron	3/4" - 2"	WLD1900	21	FA	793
Carbon Steel	2.5"	WLDES-300	LS	FAB	
	3/4" - 4"	WLD600	LS	FA450	
			MS		
Stainless Steel	3/4" - 4"	WLD601		CA46S	
				CAS14	
	1/2", 3/4"	WLD1800	11-LD		
		WLD1800R	32-LD		
Thermodynamic Type					
Stainless Steel	1/2"	WLD1703S		TDA52	656A
Inverted Bucket Type					
Cast Iron	3/4", 1"	WLD1500	1-LD		

Air Eliminators, Air Vents & Vacuum Breakers

AIR ELIMINATORS & AIR VENTS					
Description	Watson McDaniel	Armstrong	Spirax Sarco	Hoffman	Spence Nicholson
Float-Type Air Eliminators					
Cast Iron	AV813W	21AR	13WS	792	
Stainless Steel	AE1800	11AV			
		22AV			
	AE1800R	32AV			
Thermostatic Air Vents					
Stainless Steel	AV2000C	TTF-1	VS204		TAV
			VS206 (Cast Iron)		
Brass	AVT125	TS-2	T202	17C	
		SV-12A		8C	

VACUUM BREAKERS			
Description	Watson McDaniel	Spirax Sarco	Hoffman
Stainless Steel	WVBSS	VB21	62
Brass		VB14	

PRODUCT CROSS REFERENCE (CONTINUED)

CONTROL VALVES							
Manufacturer	Watson McDaniel	Baumann/Emerson	Cashco	Samson	Spirax Sarco	Warren	
Model	HB Series	Little Scotty	2296	3241	B-Series	2800	
Material	Stainless Steel CF8M	Bronze	Bronze, SS	CI, WCB, SS	Bronze	Bronze, SS	
Conn.							
1/2"	NPT	4.50	3.50	4.31	3.50	3.50	4.88
	150#	7.25	N/A	7.25	7.25	N/A	N/A
	300#	7.75	N/A	7.50	7.50	N/A	N/A
3/4"	NPT	4.50	3.50	4.31	3.50	3.50	4.88
	150#	7.25	N/A	7.25	7.25	N/A	N/A
	300#	7.75	N/A	7.62	7.62	N/A	N/A
1"	NPT	4.50	4.31	4.31	4.31	4.25	4.88
	150#	7.25	N/A	7.25	7.25	N/A	N/A
	300#	7.75	N/A	7.50	7.50	N/A	N/A
1 1/2"	NPT	5.00	5.40	5.12	5.31	5.30	5.75
	150#	8.75	N/A	8.75	8.25	N/A	N/A
	300#	9.25	N/A	9.25	9.25	N/A	N/A
2"	NPT	6.00	6.60	6.50	3.50	3.50	4.88
	150#	10.00	N/A	10.00	10.00	N/A	N/A
	300#	10.00	N/A	10.50	1050	N/A	N/A
2 1/2"	150#	10.88	N/A	N/A	10.88	N/A	N/A
	300#	11.50	N/A	N/A	7.50	N/A	N/A
3"	150#	11.75	N/A	N/A	7.25	N/A	N/A
	300#	12.50	N/A	N/A	7.50	N/A	N/A
4"	150#	13.88	N/A	N/A	7.25	N/A	N/A
	300#	14.50	N/A	N/A	7.50	N/A	N/A