

STEAM TRAPS

WD600

Thermodynamic Steam Trap

Watson McDaniel reserves the right to change the designs and/or materials of its products without notice.
©2010 Watson McDaniel Company

Model	WD600, WD600L
Sizes	3/8", 1/2", 3/4", 1"
Connections	NPT
Body Material	Stainless Steel 420F
Options	Insulation Cap
PMO Max. Operating Pressure	600 PSIG
TMO Max. Operating Temperature	800°F
PMA Max. Allowable Pressure	600 PSIG up to 800°F
TMA Max. Allowable Temperature	800°F @ 600 PSIG

**TYPICAL APPLICATIONS**

DRIP, TRACER: The **WD600** thermodynamic steam trap is commonly used as a drip trap on steam mains and steam supply lines. These traps can be used on tracing applications; however, thermostatic traps are normally recommended for this service. Ideal for outdoor applications that are subject to freezing and for superheated steam conditions.

HOW IT WORKS

The thermodynamic trap has cyclic on-off operation with a disc that is pushed open by incoming condensate and closes tightly when steam tries to escape.

FEATURES

- High pressure applications up to 600 PSIG
- Hardened stainless steel seat and disc for extended service life even at high pressure
- Single trap will operate over the entire pressure range of 3.5-600 PSIG (Not recommended for use below 10 PSI)
- Suitable for superheated steam
- Freezeproof when trap is piped in a vertical orientation for complete drainage of condensate
- Three-hole balanced discharge extends life of the seat area
- Trap will function in any orientation (horizontal preferred)

SAMPLE SPECIFICATION

The steam trap shall be a thermodynamic disc type with all stainless steel construction. Integral seat design and disc to be hardened for long service life. Unit shall be capable of installation in any orientation and self-draining when mounted vertically.

INSTALLATION

Trap can be installed in any position; however, horizontal is preferred. Installation should include isolation valves and a 20 mesh strainer. Do not weld as damage can occur to the seat area.

MAINTENANCE

Dirt is the most common cause of premature failure. For full maintenance details, see Installation and Maintenance Manual.

OPTIONS

An insulation cap is available to reduce cycle rates and steam loss in rain, snow, or cold environments.

WD600L

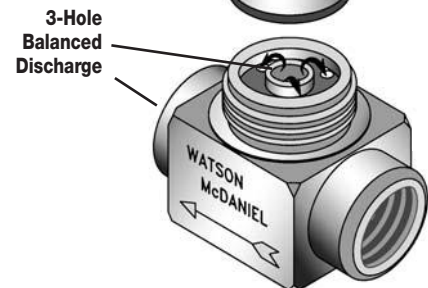
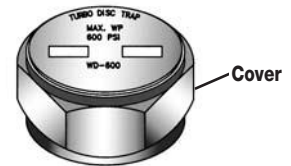
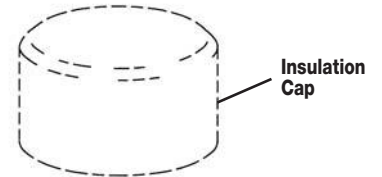
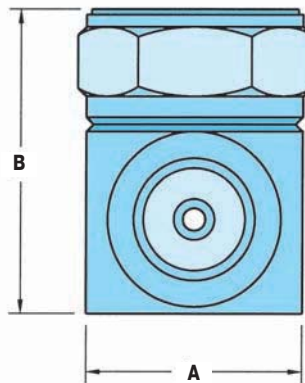
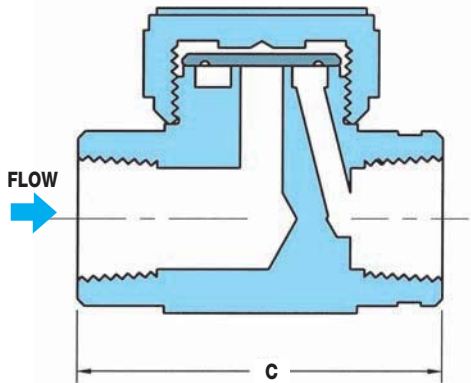
WD600L is a low capacity version of the standard WD600 model.

1/2" WD600L has the same capacity as the **3/8" WD600**.

3/4" WD600L has the same capacity as the **1/2" WD600**.

WD600

Thermodynamic Steam Trap



DIMENSIONS & WEIGHTS – inches/pounds

Size/Model	Connection	A	B	C	Weight (lbs)
3/8" WD600	NPT	1.375	1.6875	2	0.75
1/2" WD600	NPT	1.5	2	2.6875	1.25
3/4" WD600	NPT	1.75	2.375	2.8125	2.0
1" WD600	NPT	2.125	2.8125	3.8175	3.0
1/2" WD600L	NPT	1.5	1.8125	2.718	1.0
3/4" WD600L	NPT	1.5	2.25	2.75	1.75

HOW TO SIZE/ORDER

Select working pressure; follow column down to correct capacity (lbs/hr) block. Example:

Application: 650 lbs/hr at 30 PSIG working inlet pressure

Size/Model: 3/4" **WD600**

MATERIALS

Body	Stainless Steel, AISI 420F
Disc	Stainless Steel, AISI 420
Cover	Stainless Steel, AISI 416
Insulation Cap	Stainless Steel, AISI 304

CAPACITIES – Condensate (lbs/hr)

Size/Model	Steam Inlet Pressure (PSIG)																				
	3.5	5	10	15	20	25	30	40	50	75	100	150	200	250	300	350	400	450	500	550	600
3/8" WD600 1/2" WD600L	180	185	190	195	200	215	220	230	250	310	375	500	620	710	800	825	900	1070	1120	1185	1290
1/2" WD600 3/4" WD600L	300	315	350	380	415	440	470	515	580	710	825	1020	1165	1300	1440	1565	1670	1775	1880	1960	2060
3/4" WD600	415	430	475	520	565	610	650	720	825	1020	1185	1480	1710	1950	2110	2265	2490	2625	2780	2985	3140
1" WD600	650	680	740	815	885	940	1000	1080	1225	1500	1800	2215	2625	2935	3300	3600	3875	4120	4350	4560	4840

Notes: 1) Maximum back pressure not to exceed 80% of inlet pressure (measured in absolute pressure) or trap may not close.
2) For optimum performance, recommended for operating pressure above 10 PSIG.

STEAM TRAPS

WD600S

Thermodynamic Steam Trap

Watson McDaniel reserves the right to change the designs and/or materials of its products without notice.
©2010 Watson McDaniel Company

Model	WD600S, WD600LS
Sizes	1/2", 3/4", 1"
Connections	NPT
Body Material	Stainless Steel 420F
Options	Blowdown Valve, Insulation Cap
PMO Max. Operating Pressure	600 PSIG
TMO Max. Operating Temperature	750°F
PMA Max. Allowable Pressure	915 PSIG up to 250°F
TMA Max. Allowable Temperature	610°F @ 750 PSIG



**WD600S
Strainer**



**WD600SB
Strainer & Blowdown Valve**

TYPICAL APPLICATIONS

DRIP, TRACER: The **WD600S** thermodynamic steam trap is commonly used as a drip trap on steam mains and steam supply lines. Supplied with integral strainer and optional blowdown valve to protect the trap from contamination. These traps can be used on tracing applications; however, thermostatic traps are normally recommended for this service. Ideal for outdoor applications that are subject to freezing and for superheated steam conditions.

HOW IT WORKS

The thermodynamic trap has cyclic on-off operation with a disc that is pushed open by incoming condensate and closes tightly when steam tries to escape.

FEATURES

- Integral strainer with optional blowdown valve to protect trap from contamination
- High pressure applications up to 600 PSIG
- Hardened stainless steel seat and disc for extended service life even at high pressure
- Single trap will operate over the entire pressure range of 3.5-600 PSIG (Not recommended for use below 10 PSI)
- Suitable for superheated steam
- Freezeproof when trap is piped in a vertical orientation for complete drainage of condensate
- Three-hole balanced discharge extends life of the seat area
- Trap will function in any orientation (horizontal preferred)

SAMPLE SPECIFICATION

The steam trap shall be all stainless steel thermodynamic type with hardened integral seat and disc with integral strainer and blowdown valve.

INSTALLATION

Trap can be installed in any position; however, horizontal is preferred. Installation should include isolation valves. Do not weld or damage can occur to the seat area.

MAINTENANCE

If trap fails, close isolation valves and remove cap. Clean disc and seating surfaces and replace cap and disc with groove side toward seat. NOTE: Do not over tighten cap. For full maintenance details see Installation and Maintenance Manual.

OPTIONS

An insulation cap is available to reduce cycle rates and steam loss in rain, snow, or cold environments. Blowdown valve, used for flushing dirt and scale from strainer.

SB = Strainer and Blowdown Valve

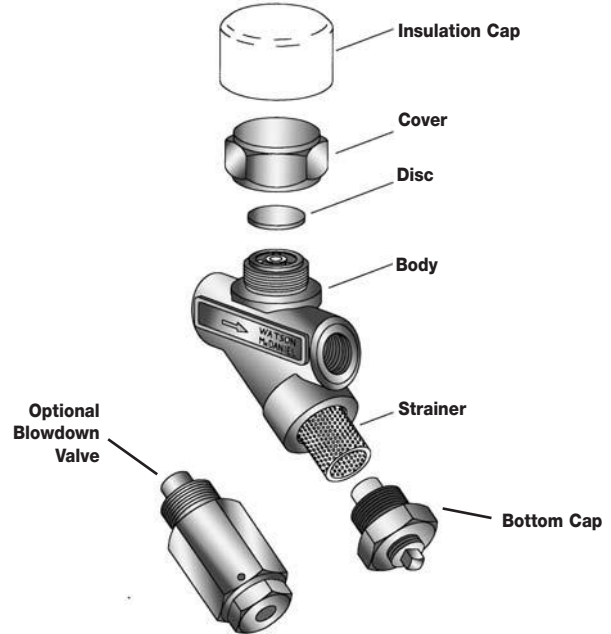
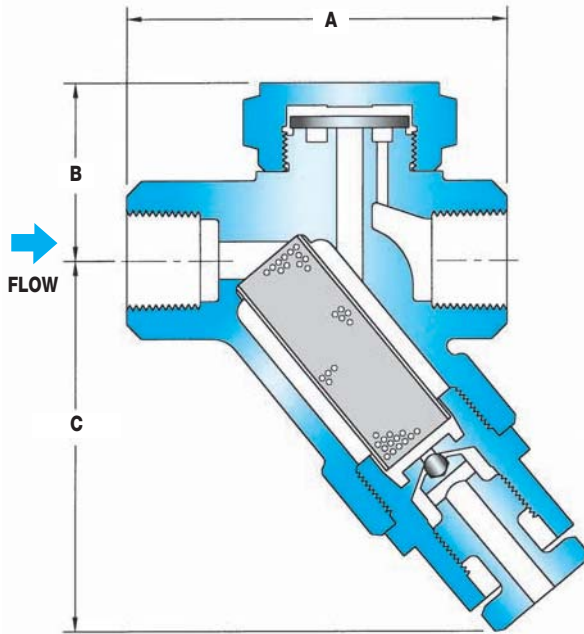
L = Low Capacity

WD600LS

WD600LS is a low capacity version of the standard **WD600S** model. **3/4" WD600LS** has the same capacity as the **1/2" WD600S**.

WD600S

Thermodynamic Steam Trap



DIMENSIONS & WEIGHTS – inches/pounds

Size/Model	Connection	A	B	C	Weight (lbs)
Series WD600S (Strainer)					
1/2" WD600S	NPT	3.156	1.5	2.531	2
1/2" WD600LS	NPT	3.156	1.4375	2.531	1.5
3/4" WD600S	NPT	3.5625	1.625	2.531	2.5
3/4" WD600LS	NPT	3.5625	1.5625	2.531	2.4
1" WD600LS	NPT	3.75	1.4375	2.531	2.5
Series WD600SB (Strainer & Blowdown Valve)					
1/2" WD600SB	NPT	3.156	1.5	3.5	2.3
1/2" WD600LSB	NPT	3.156	1.4375	3.5	2.0
3/4" WD600SB	NPT	3.5625	1.625	3.5	2.8
3/4" WD600LSB	NPT	3.5625	1.5625	3.5	2.7
1" WD600LSB	NPT	3.725	1.4375	3.5	2.7

MATERIALS

Body	Stainless Steel, AISI 420F
Disc	Stainless Steel, AISI 420
Cover	Stainless Steel, AISI 416
Insulation Cap	Stainless Steel, AISI 304
Strainer Screen	Stainless Steel, AISI 304
Blowdown Valve	Stainless Steel, AISI 303

HOW TO SIZE/ORDER

Select working pressure; follow column down to correct capacity (lbs/hr) block. Example:

Application: 650 lbs/hr at 30 PSIG working inlet pressure
 Size/Model: 3/4" **WD600S**

CAPACITIES – Condensate (lbs/hr)

Size/Model	Steam Inlet Pressure (PSIG)																				
	3.5	5	10	15	20	25	30	40	50	75	100	150	200	250	300	350	400	450	500	550	600
1/2" WD600LS	180	185	190	195	200	215	220	230	250	310	375	500	620	710	800	825	900	1070	1120	1185	1290
1" WD600LS	180	185	190	195	200	215	220	230	250	310	375	500	620	710	800	825	900	1070	1120	1185	1290
1/2" WD600S	300	315	350	380	415	440	470	515	580	710	825	1020	1165	1300	1440	1565	1670	1775	1880	1960	2060
3/4" WD600LS	300	315	350	380	415	440	470	515	580	710	825	1020	1165	1300	1440	1565	1670	1775	1880	1960	2060
3/4" WD600S	415	430	475	520	565	610	650	720	825	1020	1185	1480	1710	1950	2110	2265	2490	2625	2780	2985	3140

Note: Maximum back pressure not to exceed 80% of inlet pressure (measured in absolute pressure) or trap may not close.

Note: For optimum performance, recommended for operating pressure above 10 PSIG.

STEAM TRAPS

WD700S

Thermodynamic Steam Trap (Repairable)

Watson McDaniel reserves the right to change the designs and/or materials of its products without notice.
©2010 Watson McDaniel Company

Model	WD700S, WD700HS
Sizes	1/2", 3/4", 1"
Connections	NPT, SW, FLG
Body Material	Chrome-Moly Alloy Steel
Options	Blowdown Valve, Insulation Cap
PMO Max. Operating Pressure	600 PSIG
TMO Max. Operating Temperature	800°F
PMA Max. Allowable Pressure	600 PSIG up to 800°F
TMA Max. Allowable Temperature	800°F @ 600 PSIG

WD700S is a Direct Replacement for Yarway Model 721



**WD700S
Strainer**



**WD700SB
Strainer &
Blowdown Valve**

TYPICAL APPLICATIONS

DRIP, TRACER: The **WD700S** thermodynamic steam trap is commonly used as a drip trap on steam mains and steam supply lines. These traps are used on tracing applications; however, thermostatic traps are normally recommended for this service. Supplied with an integral strainer and optional blowdown valve to protect the trap from contamination. The internal working mechanism of the WD700S can be completely replaced while the trap body remains in line. Ideal for outdoor applications that are subject to freezing and for superheated steam conditions.

HOW IT WORKS

The thermodynamic trap has cyclic on-off operation with a disc that is pushed open by incoming condensate and closes tightly when steam tries to escape.

FEATURES

- "Quick Change" capsule design for easy in-line repair
- Integral strainer with optional blowdown valve to protect trap from contamination
- High pressure applications up to 600 PSIG
- Hardened stainless steel seat and disc for extended service life even at high pressure
- Single trap will operate over the entire pressure range 4-600 PSIG (Not recommended for use below 10 PSI)
- Suitable for superheated steam
- Freezeproof when trap is piped in a vertical orientation for complete drainage of condensate
- Weldable body in chrome-moly alloy steel
- Trap will function in any orientation (horizontal preferred)

SAMPLE SPECIFICATION

The steam trap shall be a thermodynamic style in a chrome-moly alloy steel body with an integral strainer and optional blowdown valve. Unit shall have an all stainless steel in-line removable seat and disc capsule assembly. Trap shall be capable of installation in any orientation and self-draining when mounted vertically.

INSTALLATION

Trap can be installed in any position; however, horizontal is preferred. Installation should include isolation valves.

MAINTENANCE

Complete replacement of capsule assembly can be performed while the steam trap remains in line. For full maintenance details see Installation and Maintenance Manual.

OPTIONS

Blowdown valve, used for flushing dirt and scale from strainer.

Customized Flanged Connections:

Specify size, face to face dimensions and metallurgy required for application.

WD700HS

The **WD700HS** is the high pressure version of the WD700S.

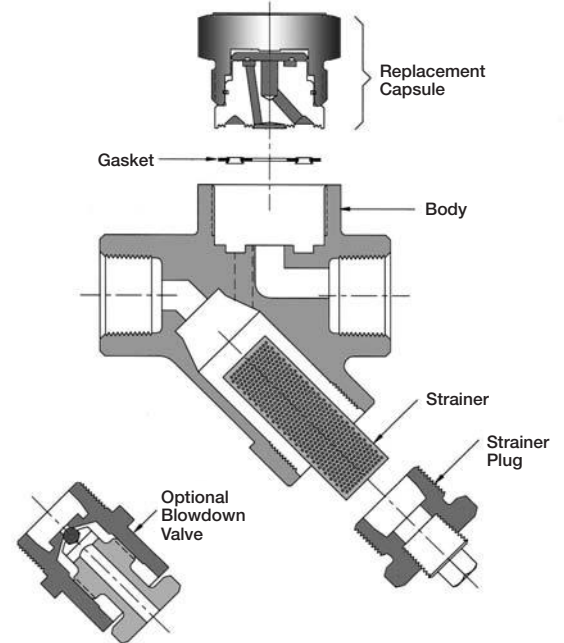
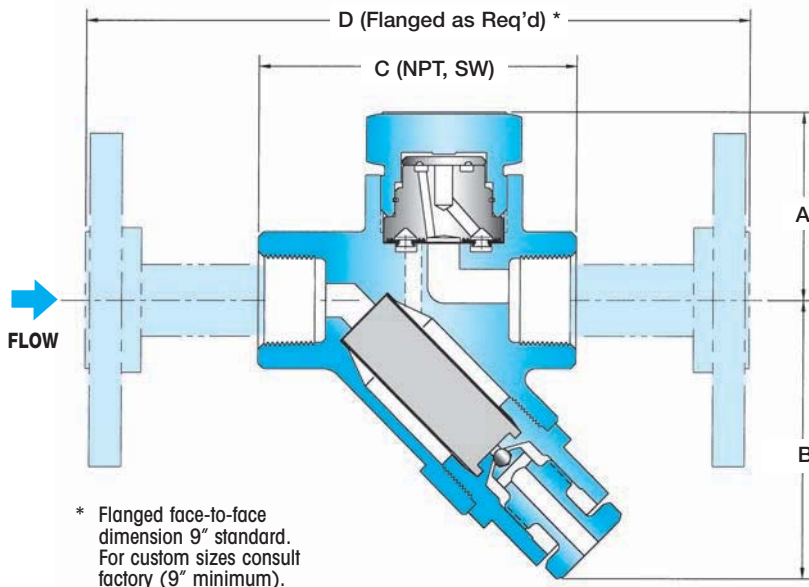
The standard model **WD700S** will operate over the entire pressure range, however, the **WD700HS** will operate more efficiently and have a longer service life for pressures over 300 PSIG.

WD700S Standard pressure capsule 4-300 PSIG

WD700HS High pressure capsule 150-600 PSIG

WD700S

Thermodynamic Steam Trap



DIMENSIONS & WEIGHTS – inches/pounds

Size/Model	Connection	A	B	C	Weight (lbs)
Series WD700S & WD700HS (Strainer)					
1/2"	NPT, SW	2.04	2.50	3.16	2
3/4"	NPT, SW	2.04	2.50	3.55	2
1"	NPT, SW	2.04	2.50	6.31	2
Series WD700SB & WD700HSB (Strainer & Blowdown Valve)					
1/2"	NPT, SW	2.04	3.06	3.16	2.25
3/4"	NPT, SW	2.04	3.06	3.55	2.25
1"	NPT, SW	2.04	3.06	6.31	2.25

HOW TO SIZE/ORDER

Select working pressure; follow column down to correct capacity (lbs/hr) block. Example:

Application: 275 lbs/hr at 100 PSIG working inlet pressure

Size/Model: **WD700S**, specify pipe size and connections (NPT, SW, FLG)

MATERIALS

Body	Chrome Moly ASTM A-217, GR WC9
Seat	Stainless Steel, 420F
Seat Gasket	Annealed
Cover	Stainless Steel, 416
Disc	Stainless Steel, 420
Retaining Ring	Stainless Steel Spring Wire
Screen	Stainless Steel, 304
Strainer Plug, Pipe Plug	Stainless Steel, 303
Blowdown Valve	Stainless Steel
Flanges	Carbon Steel

CAPACITIES – Condensate (lbs/hr)

Model	Steam Inlet Pressure (PSIG)																						
	1	2	3	4	5	6	7	8	9	10	20	30	40	50	60	80	100	150	200	300	400	500	600
WD700S (Cold)	65	90	110	130	140	160	175	180	190	200	280	350	400	440	500	575	650	800	925	1200	1450	1600	1750
WD700S (Hot)				95	105	115	120	125	130	140	180	220	250	265	280	320	350	405	460	550	600	650	700
WD700HS (Cold)																		350	400	495	500	620	690
WD700HS (Hot)																		250	280	330	380	410	450

Notes: 1) Maximum back pressure not to exceed 80% of inlet pressure (measured in absolute pressure) or trap may not close.
2) For optimum performance, recommended for operating pressure above 10 PSIG.

STEAM TRAPS

WD900S

Thermodynamic Steam Trap

Watson McDaniel reserves the right to change the designs and/or materials of its products without notice.
©2010 Watson McDaniel Company

Model	WD900S/WD900LS
Sizes	1/2", 3/4", 1"
Connections	NPT, SW, 600# FLG
Body Material	Low Carbon Chrome-Moly
Options	Insulation Cap
PMO Max. Operating Pressure	900 PSIG
TMO Max. Operating Temperature	842°F
PMA Max. Allowable Pressure	1500 PSIG @ 100°F
TMA Max. Allowable Temperature	842°F @ 981 PSIG



TYPICAL APPLICATIONS

DRIP: The **WD900S/WD900LS** thermodynamic steam trap is primarily used as a drip trap on high pressure steam mains and steam supply lines. Ideal for outdoor applications that are subject to freezing and for superheated steam conditions.

HOW IT WORKS

The thermodynamic trap has cyclic on-off operation with a disc that is pushed open by incoming condensate and closes tightly when steam tries to escape.

FEATURES

- "Quick-Change" seat and disc for easy in-line repair
- High pressure applications up to 900 PSIG
- Integral strainer to protect trap from contamination
- Hardened stainless steel seat and disc for extended service life even at extremely high pressures
- Single trap model will operate over the entire pressure range (20-900 PSIG)
- Suitable for superheated steam
- Freezeproof when trap is piped in a vertical orientation for complete drainage of condensate
- Trap will function in any orientation (horizontal preferred)

SAMPLE SPECIFICATION

The steam trap shall be a thermodynamic style with body material in chrome-moly alloy steel. Available in size 1/2" and 3/4" Class 600 socket weld ends or flanges. Also available in ANSI 300 FNPT. 1" Unit shall have hardened stainless steel seat and disc with a removable stainless steel strainer.

INSTALLATION

Trap can be installed in any position; however, horizontal is preferred. Installation should include isolation valves.

MAINTENANCE

The complete replacement of seat and disc can be performed while the steam trap remains in line. The strainer should be periodically cleaned to eliminate dirt, which is the most common cause of premature failure. For full maintenance details see Installation and Maintenance Manual.

OPTIONS

Customized Flanged Connections:
Specify size, face-to-face dimensions and metallurgy required for application.

WD900LS

The **WD900LS** is a low capacity version of the standard **WD900S** and recommended for working pressures of 120 PSIG and above.

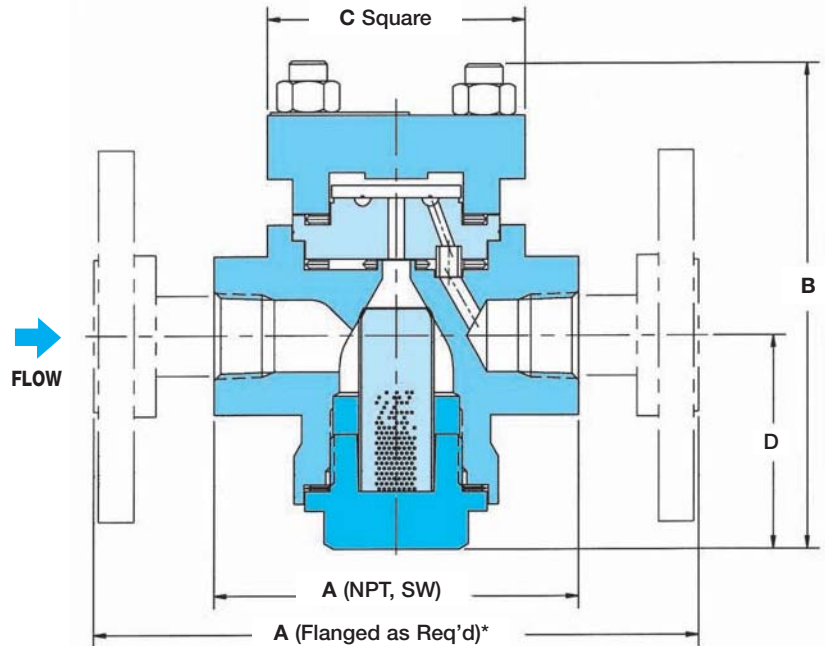
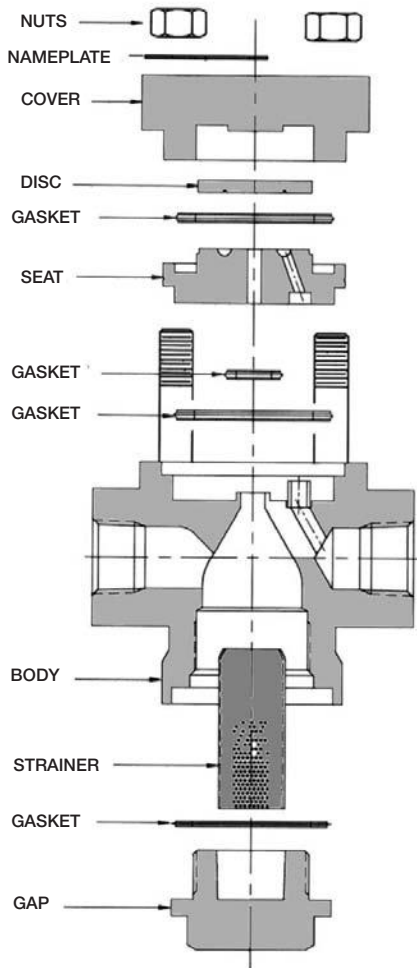
HOW TO SIZE/ORDER

Select working pressure; follow column down to correct capacity (lbs/hr) block. Example:

Application: 220 lbs/hr at 650 PSIG working inlet pressure
Size/Model: **WD900LS**, specify pipe size and connections

WD900S

Thermodynamic Steam Trap



* Flanged face-to-face dimension 9" standard.
For custom sizes consult factory (9" minimum).

DIMENSIONS & WEIGHTS – inches/pounds

Size/Model	Connection	A	B	C	D	Weight (lbs)
1/2" WD900S/WD900LS	NPT, SW	3.6	4.8	2.6	2.1	4.5
1/2" WD900S/WD900LS	*600# FLG	9.0	4.8	2.6	2.1	9.0
3/4" WD900S/WD900LS	NPT, SW	3.6	4.8	2.6	2.1	4.5
3/4" WD900S/WD900LS	*600# FLG	9.0	4.8	2.6	2.1	11.0
1" WD900S/WD900LS	NPT, SW	6.5	4.8	2.6	2.1	4.5
1" WD900S/WD900LS	*600# FLG	9.0	4.8	2.6	2.1	11.0

MATERIALS

Body	Alloy Steel, GR WC9
Seat	Stainless Steel, AISI 420
Cover	Alloy Steel, GR WC9
Strainer Cap	Alloy Steel, GR WC9
Strainer	Stainless Steel, AISI 300
Disc	Stainless Steel, AISI 420
Gasket	Stainless Steel, AISI 304
Studs	SA-193, GR B7
Nuts	SA-194, GR 2H

CAPACITIES – Condensate (lbs/hr)

Model	Steam Inlet Pressure (PSIG)											
	20	50	100	150	200	300	400	500	600	700	800	900
WD900S	243	411	555	641	700	781	835	874	905	930	951	968
WD900LS				181	210	253	290	325	360	381	405	429

- Notes: WD900S:**
- 1) Minimum recommended working pressure: 20 PSIG.
 - 2) Maximum back pressure not to exceed 80% of inlet pressure (measured in absolute pressure) or trap may not close.
- WD900LS:**
- 1) Minimum recommended working pressure: 120 PSIG.
 - 2) Maximum back pressure not to exceed 50% of inlet pressure (measured in absolute pressure) or trap may not close.

STEAM TRAPS

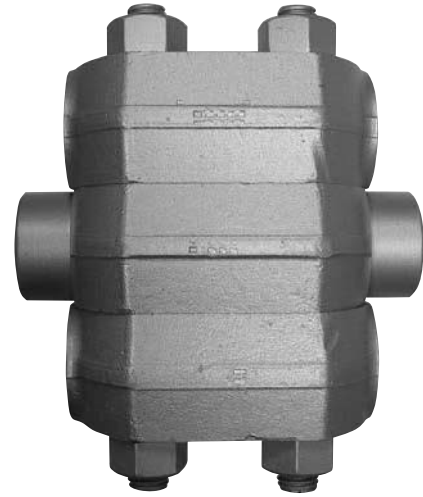
WD3600

High-Pressure Thermodynamic Steam Trap

Watson McDaniel reserves the right to change the designs and/or materials of its products without notice.
©2010 Watson McDaniel Company

Model	WD3600
Sizes	1/2", 3/4", 1"
Connections	BW, SW, 600# FLG, 1500# FLG
Body Material	Forged Alloy Steel
PMO Max. Operating Pressure	3600 PSIG
TMO Max. Operating Temperature	975 °F @ 3600 psi 1025 °F @ 2220 psi
PMA Max. Allowable Pressure	2220 PSIG @ 1025 °F 3600 PSIG @ 975 °F
TMA Max. Allowable Temperature	1025 °F @ 2220 PSIG

Note: Connections may limit Pressure & Temperature ratings.



TYPICAL APPLICATIONS

DRIP, TRACER: The **WD3600** thermodynamic steam trap is commonly used as a drip trap on high-pressure steam mains and steam supply lines. Supplied with an integral strainer to protect the trap from contamination. The internal working mechanism of the WD3600 can be completely replaced while the trap body remains in line. Ideal for outdoor applications that are subject to freezing and for superheated steam conditions.

HOW IT WORKS

The thermodynamic trap has cyclic on-off operation with a disc that is pushed open by incoming condensate and closes tightly when steam tries to escape.

FEATURES

- "Quick-Change" seat and disc for easy in-line repair
- High pressure applications up to 3600 PSIG
- Integral strainer to protect trap from contamination
- Hardened stainless steel seat and disc for extended service life even at extremely high pressures
- Steam trap model will operate over the entire pressure range (100-3600 PSIG)
- Suitable for superheated steam
- Freezeproof when trap is piped in a vertical orientation for complete drainage of condensate
- Trap will function in any orientation (horizontal preferred)

SAMPLE SPECIFICATION

The steam trap shall be a thermodynamic style with body material in forged alloy steel. Available in size 1/2", 3/4" and 1" Socket Weld, Butt Weld ends or ANSI 600# & 1500# RF flanged connections. Unit shall have hardened repairable stainless steel seat and disc with a removable stainless steel sintered strainer.

INSTALLATION

Trap can be installed in any position; however, horizontal is preferred. Installation should include isolation valves.

MAINTENANCE

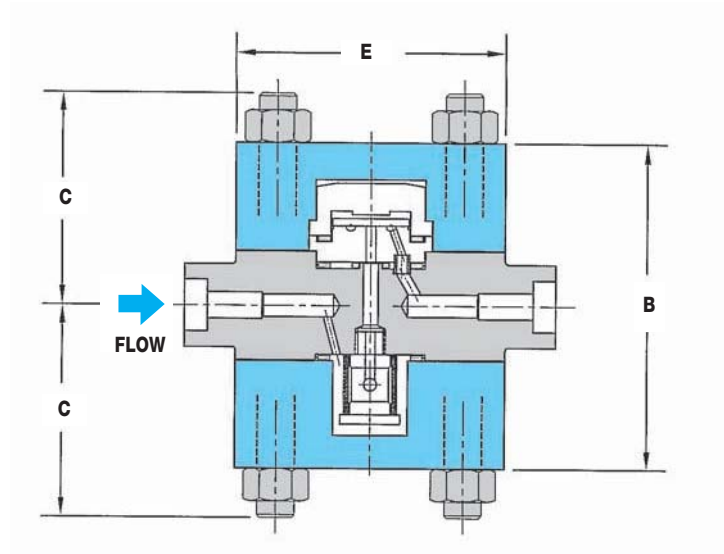
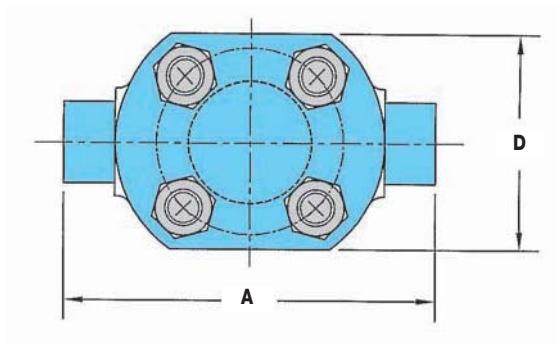
Complete replacement of seat and disc can be performed while the steam trap remains in line. For full maintenance details see Installation and Maintenance Manual.

OPTIONS

Customized Flanged Connections:
Specify size, face to face dimensions and metallurgy required for application. Trap includes strainer. Blowdown option is NOT available.

WD3600

High-Pressure Thermodynamic Steam Trap



DIMENSIONS & WEIGHTS – inches/pounds						
Size/Model	A	B	C	D	E	Weight (lbs)
1/2", 3/4", 1" WD3600	6.3	5.4	3.5	3.6	4.5	25

MATERIALS	
Body	Forged Alloy Steel, ASTM 182 F22
Seat	Stainless Steel, AISI 420
Cover, top & bottom	Forged Alloy Steel, ASTM 182 F22
Strainer	Sintered Stainless Steel, AISI 300
Disc	Stainless Steel, AISI 420
Gasket	Stainless Steel, AISI 304
Studs	SA-193, GR B16
Nuts	SA-194, GR 4

HOW TO SIZE/ORDER
Select working pressure; follow column down to correct capacity (lbs/hr) block. Example:
Application: 380 lbs/hr at 1000 PSIG working inlet pressure
Size/Model: WD3600 , Specify pipe size and connections (BW, SW, 600# FLG, 1500# FLG)

Model	CAPACITIES – Condensate (lbs/hr)													
	Steam Inlet Pressure (PSIG)													
	100	500	1000	1250	1750	2000	2250	2500	2750	3000	3250	3500	3600	3600
WD3600	165	290	380	400	435	470	500	525	550	575	595	610	620	625

Note: Maximum back pressure not to exceed 50% of inlet pressure (measured in absolute pressure) or trap may not close.

FDA800

Thermodynamic Clean Steam Trap

Model	FDA800
Sizes	1/2"
Connections	Tri-Clamp, NPT, Tube Weld
Body Material	Stainless Steel
PMO Max. Operating Pressure	150 PSIG
TMO Max. Operating Temperature	500°F
PMA Max. Allowable Pressure	230 PSIG @ 850°F
TMA Max. Allowable Temperature	850°F @ 230 PSIG



NPT



Tri-Clamp

TYPICAL APPLICATIONS

DRIP, PROCESS: The **FDA800 Series** Thermodynamic Clean Steam Traps are used in sanitary systems as drip traps on steam mains as well as for drainage on various process vessels such as separators and filters.

HOW IT WORKS

The thermodynamic trap has a cyclic on/off operation with a disc that is pushed open when condensate is present and pulled closed when steam tries to escape.

FEATURES

- Small and compact
- All 316L stainless steel components
- Works in any position (horizontal preferred)

SAMPLE SPECIFICATION

The steam trap shall be a thermodynamic disc type with an all 316L stainless steel construction and integral seat design. Unit shall be capable of installation in any orientation and self-draining when mounted vertically.

INSTALLATION

The trap can be installed in any position; however, horizontal is preferred. For self-draining or freezeproof requirements, the trap may be installed vertically. Installation should include a strainer and isolation valves for maintenance purposes.

MAINTENANCE

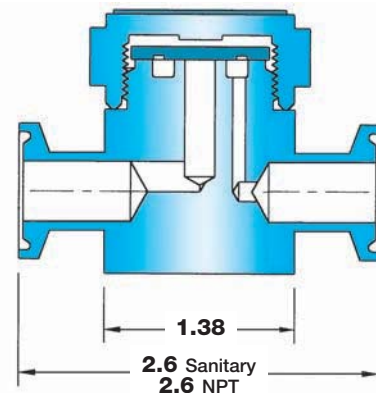
Dirt is the most common cause of premature failure. Therefore, the upstream strainer should be periodically cleaned. For full maintenance details see Installation and Maintenance Manual.

MATERIALS

Body	Stainless Steel, AISI 316L
Disc	Stainless Steel, AISI 316L
Cap	Stainless Steel, AISI 316L

HOW TO SIZE/ORDER

Size/Model: 1/2" **FDA800**, Specify connections.



Units: Inches

CAPACITIES – Condensate (lbs/hr)

Size	Differential Pressure (PSI)											
	3.5	5	10	15	20	25	30	40	50	75	100	150
1/2"	180	185	190	195	200	215	220	230	250	310	375	500

Note: Maximum back pressure not to exceed 80% of inlet pressure.