## Boiler Feed Valves, Dual Controls, Backflow Preventers and Combination Boiler Feed & Backflow Preventer Valves

Taco Boiler Feed Valves have set the standard for dependable service. The Backflow Preventer offers added protection, preventing the system from emptying if supply pressure should fail. Coupling dependable service with added protection into one quality product is Taco's Combination Boiler Feed & Backflow Preventer Valve. The Dual Control combines the Boiler Feed with an in-line Pressure Relief Valve.





©Taco Catalog # : 100-3.5 Supersedes: 01/26/18 Effective Date: 03/30/18 Printed in USA

# Boiler Feed Valves, Dual Controls, Backflow Preventers and Combination Boiler Feed & Backflow Preventer Valves

#### Purpose

To automatically feed water to a system whenever pressure in the system drops below the pressure setting of the valve. The Dual Control combines the Boiler Feed Valve with an in-line Pressure Relief Valve connected at the outlet end.

Submittal Data # 101-005 Effective: 01/26/18 Supersedes: 06/17/13

#### Features

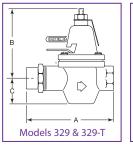
- Fast Fill Rate on All Models
- Exclusive Fast Fill Lever Lock
- Built-In Check to Prevent Emptying the System if Incoming Pressure Fails
- Adjustable Set Pressure of 10 to 25 psi
- Pressure Setting Adjustment Separated from Fast Fill Lever for Easy, Fast Adjustment
- Both the Backflow Preventer and the Combination Boiler Feed & Backflow Preventer Valve Carry These Certifications:

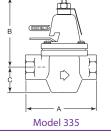


Listing 1012 - 2009



#### **Boiler Feed Valve**



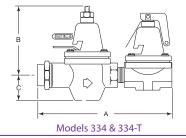


Performance Data

		Performance Data														i i			
Models		rFluid Max Supply Pressure Factory emp Press. Range Setting		Body	Inlet	Outlet	Α		В		С		Ship Wt.						
	F°	C°	psi	kpa	psi	kps	psi	kpa				in.	mm	in.	mm	in.	mm	lbs.	Kg
329									Cast Iron	1/2" Union SWT	1/2" NPT	4-1/4	108	3-3/4	95	1-3/8	35	1.75	1.1
329-T									Cast Iron	1/2" Union NPT	1/2" NPT	4-3/4	111	3-3/4	95	1-3/8	35	1.75	1.1
335									Brass	3/4" NPT	3/4" NPT	3-3/4	95	3-3/4	95	1-3/8	35	2.4	1.1
335U-050-C	212°	100°	100	689	10-25	69-172	12	83	Brass	1/2" Union SWT	1/2" NPT	4-1/4	108	3-3/4	95	1-3/8	35	2.5	1.2
335U-050-T									Brass	1/2" Union NPT	1/2" NPT	4-1/4	108	3-3/4	95	1-3/8	35	2.5	1.2
335U-075-C									Brass	3/4" Union SWT	3/4" NPT	4-1/2	114	3-3/4	95	1-3/8	35	2.5	1.2
335U-075-T									Brass	3/4" Union NPT	3/4" NPT	4-1/4	108	3-3/4	95	1-3/8	35	2.5	1.2

\* Dimensions for reference purposes only.

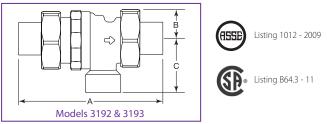
### **Dual Controls**



		Performa	nce Data																
Max Fluid Temp		Max Supply Press.		Relief Velve Set		Body	Inlet	Outlet	A		В		С		Ship Wt.				
F°	C°	psi	kpa	psi	kpa				in.	mm	in.	mm	in.	mm	lbs.	Kg			
2120	100°	100°	100°	100°	100		20	207	Cast Iron	1/2" Union SWT	1/2" NPT	7-1/4	184	3-3/4	95	1-3/8	35	3.9	1.8
212		100	689	30	207	Cast Iron	1/2" Union NPT	1/2" NPT	7-3/8	187	3-3/4	95	1-3/8	35	3.9	1.8			
		F° C°	Max Fluid Temp Max Supp F° C° psi	Max Fluid Temp     Max Supply Press.       F°     C°     psi     kpa	Max Fluid Temp     Max Supply Press.     Relief V       F°     C°     psi     kpa     psi	Max Fluid Temp     Max Supply Press.     Relief Velve Set       F°     C°     psi     kpa	Max Fluid Temp         Max Supply Press.         Relief Velve Set         Body           F°         C°         psi         kpa         psi         kpa           212°         100°         100         689         30         207         Cast Iron	Max Fluid Temp     Max Supply Press.     Relief Verset     Body       F°     C°     psi     kpa     psi     kpa       212°     100°     100     689     30     207	Max Fluit     Max Supply Press.     Relief Ver Set     Body     Inlet     Outlet       F°     C°     psi     kpa     psi     kpa       212°     100°     100     689     30     207     Cast Iron     1/2" Union SWT     1/2" NPT	Max Fluit     Max Supply Press.     Relief Verset     Body     Inlet     Outlet $in.$ $F^{\circ}$ $C^{\circ}$ psi     kpa     psi     kpa $in.$ 212°     100°     100     689     30     207     Cast Iron     1/2" Union SWT     1/2" NPT     7-1/4	Max Fluit     Max Supplementary     Relief Verse     Body     Inlet     Outlet $i$ mm       F°     C°     psi     kpa     psi     kpa     Cast Iron     1/2" Union SWT     1/2" NPT     7-1/4     184	Max Flue     Max Supplementary     Relief Verse     Body     Inlet     Outlet $I$ $I$ $I$ F°     C°     psi     kpa     psi     kpa $I$ $I$ $I$ $I$ $I$ $I$ $I$ $I$ 212°     100°     100     689     30     207     Cast Iron $I/2"$ Union SWT $I/2"$ NPT $7.1/4$ 184 $3.3/4$	Max Further     Max Supplementation     Relief Verses     Body     Inlet     Outlet $I$ $I$ $I$ $I$ F°     C°     psi     kpa     psi     kpa $I$	Max Further     Max Supplementation     Relief Verse     Body     Inlet     Outlet $i$ $i$ $i$ $i$ $i$ $i$ $i$ F°     C°     psi     kpa     psi     kpa $i$ $i$ $i$ $i$ $i$ $i$ $i$ 212°     100°     100     689     30     207     Cast Iron     1/2" Union SWT     1/2" NPT     7.1/4     184     3.3/4     95     1.3/8	Max Further     Max Supplementation     Relief version     Body     Inlet     Outlet $i$ <t< td=""><td>Max Further     Max Supplementation     Relief version     Body     Inlet     Outlet     <math>I = 0</math> <math>I = 0</math></td></t<>	Max Further     Max Supplementation     Relief version     Body     Inlet     Outlet $I = 0$			

<sup>t</sup> Dimensions for reference purposes only.

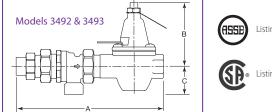
#### **Backflow Preventer**



Models	Performance Data																	
	Max Temp		Max Working Press.		Design Pressure Range		Body	Inlet	Outlet	A		В		С		Ship Wt.		
	F°	C°	psi	kpa	psi	kpa				in.	mm	in.	mm	in.	mm	lbs.	Kg	
3192-C1		121°						Brass	1/2" Union SWT	1/2" Union SWT	4-1/4	108	7/8	25	1-5/8	41	1.5	0.7
3192-T1	250°		175	1206	25 - 250	172 - 2413	Brass	1/2" Union NPT	1/2" Union NPT	4-1/8	105	7/8	25	1-5/8	41	1.5	0.7	
3193-C1	250°	121	175	1200	25 - 250         172 - 2413         Brass         3/4" Union SWT         3/4" Union SWT         4-7/8         124           Brass         3/4" Union NPT         3/4" Union NPT         4-1/8         105	124	7/8	25	1-5/8	41	1.5	0.7						
3193-T1							Brass	3/4" Union NPT	3/4" Union NPT	4-1/8	105	7/8	25	1-5/8	41	1.5	0.7	

\* Dimensions for reference purposes only.

#### Combination Boiler Feed & Backflow Preventer Valve



Listing 1012 - 2009

● Listing B64.3 - 11

			Performa	nce Data								с		Ship Wt.			
Models	Max Fluid Temp		Max Supply Press.		Max Working Press.		Body	Inlet	Outlet	A							В
	F°	C°	psi	kpa	psi	kpa				in.	mm	in.	mm	in.	mm	lbs.	Kg
3492-050-C1						172	Cast Iron	1/2" Union SWT	1/2" NPT	8-1/8	206	3-3/4	95	1-5/8	41	4	1.8
3492-050-T1					25		Cast Iron	1/2" Union NPT	1/2" NPT	8-1/4	211	3-3/4	95	1-5/8	41	4	1.8
3492-050-BC1	21.28	100°	100				Brass	1/2" Union SWT	1/2" NPT	7-7/8	199	3-3/4	95	1-5/8	41	4	1.8
3492-050-BT1	212°	100°	100	689			Brass	1/2" Union NPT	1/2" NPT	8	203	3-3/4	95	1-5/8	41	4	1.8
3493-075-BC1							Brass	3/4" Union SWT	3/4" NPT	7-1/2	191	3-3/4	95	1-5/8	41	4	1.8
3493-075-BT1							Brass	3/4" Union NPT	3/4" NPT	7-1/4	183	3-3/4	95	1-5/8	41	4	1.8

\* Dimensions for reference purposes only.



Taco Inc., 1160 Cranston Street, Cranston, RI 02920 / (401) 942-8000 / Fax (401) 942-2360 Taco (Canada) Ltd., 8450 Lawson Road, Unit #3, Milton, Ontario L9T 0J8 / (905) 564-9422 / Fax (905) 564-9436

www.TacoComfort.com 📑 🗵 下 in