

Push Button Electronic Shower 860T and 861T

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Specification: (example)

- Push button electronic shower system
 - **Hardwire** – 24 VAC to 6 VDC or **Battery** – 4 "AA" 6 VDC
 - Stainless steel cover with S/S vandal resistant mounting screws
 - Metal mounting box
 - Field adjustable shower time
 - Slow closing solenoid valve
 - Integral stop
 - Tempered water supplied to solenoid valve
(except control box options No. 3 and 6)
- and... with... (add shower required)
with... (add control/sensor box required)
with... (transformer – specify separately – See Back Page)

860T167



Engineer/Architect Approval

Model Specified:

Approval:

Date:

DESCRIPTION	PRODUCT NO.
Hardwire	860T1
Battery Operated	861T1
Hardwire with Battery Backup	860T1

-			
-			
-			-BB



	SHOWER	SENSOR
0	0 Specify "0" when no shower required. (1)	0
1	1	1
2	2	2
3	3 Showerhead, Arm & Set Screw Flange	3 Recessed Mount with 8" Metal Box – No Mix Valve SEE Specification Drawing #20
4	4	4
5	5 Handshower with 2 Check Valves, 610mm (24") S/S Bar with ADA Slide	5
6	6 30° Vandal Resistant, Cast Wallmount Showerhead	6 Components only UNASSEMBLED 4" Metal Box – No Mix Valve SEE Specification Drawing #21
7	7 30° Vandal Resistant, Forged Brass Wallmount Showerhead	7 Recessed Mount with 10" Metal Box and User Controlled Pressure Balance Mixing Valve SEE Specification Drawing #22
8	8	8 Recessed Mount with 10" Metal Box and Concealed Thermostatic Mixing Valve SEE Specification Drawing #23
9	9	9

Refer to www.specselect.com for individual models.

Note: Use this page front and back, with specification drawing page referenced above, as product submittal sheets.

1) #7 Control box pressure balance valve rated minimum 1.25 gpm @ 45 psi (4.7 L/min @ 310 kPa). #8 Control box thermostatic valve rated minimum 0.34 gpm @ 45 psi (1.29 L/min @ 310 kPa).

Delta reserves the right (1) to make changes in specifications and materials, and (2) to change or discontinue models, both without notice or obligation. Dimensions are for reference only. See current full-line price book or www.specselect.com for finish options and product availability.

DSP-860T Rev. L



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Push Button Electronic Shower 860T and 861T

Approvals:

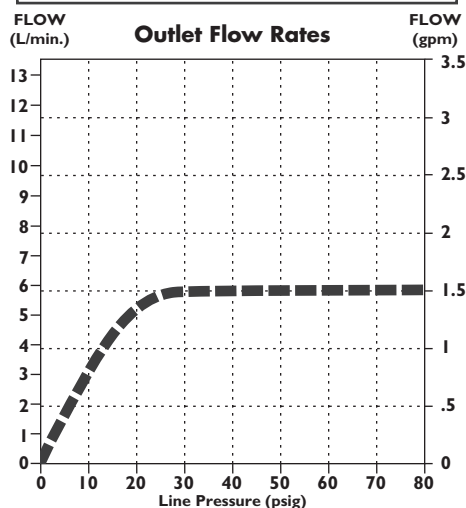
- ASME A112.18.1 / CSA B125.1
- Indicates compliance to ICC/ANSI A117.1
- Control/Sensor Box Option 7, Pressure Balancing Valve, complies with ASSE 1016
- Control/Sensor Box Option 8, Thermostatic Mixing Valve, CSA certified to ASSE 1069, 1070 and CSA B.125.3
- Handshower back flow protection provided by two integral certified check valves in series, which operate independently, ASME A112.18.3

(Contact Delta Representative for State and/or Local Approvals.)

Patented



FLOW RATE vs PRESSURE



Shower Outlets

- No. 3, 5, 6 & 7
(52672-15-BG, 59462-WHB15-BG, 061011A, 063196A)

OPERATION:

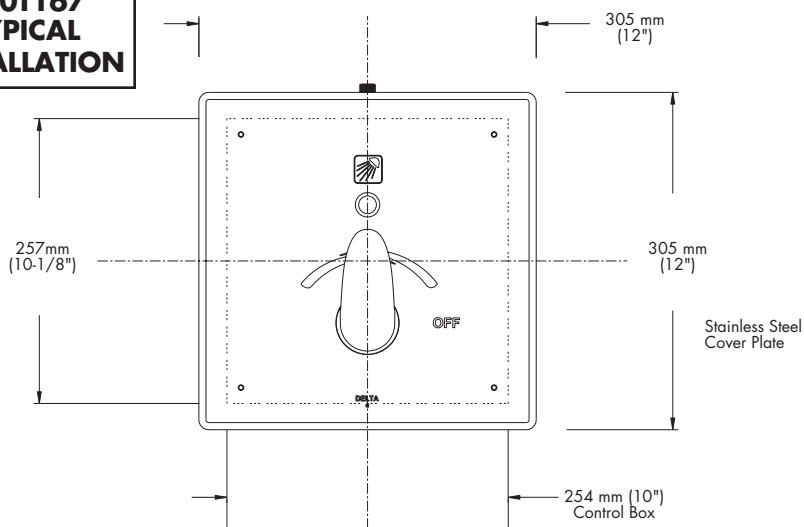
- Shower flows when push button is activated.
- Adjustable maximum continuous run time 10 minutes.
- Factory set to 3 minutes.

NOTE: For optimum performance of this product, we recommend a system pressure between 20 and 80 PSI static. This product will operate up to a maximum of 125 PSI static per ANSI and CSA requirements. However, we do not recommend pressures above 80 PSI. Thermal expansion or leaking pressure reducing valves may require use of expansion tanks or relief valves to ensure your system never exceeds its maximum intended pressure setting.

Note: Measurements may vary ± 6 mm (0.25")

Refer to www.specselect.com for individual models.
Product supplied as shown by solid lines. All items shown by dotted lines supplied by others.

860T167 TYPICAL INSTALLATION



NOTE FOR SHOWERS #6 AND #7:

Not for use as an anti-ligature device.

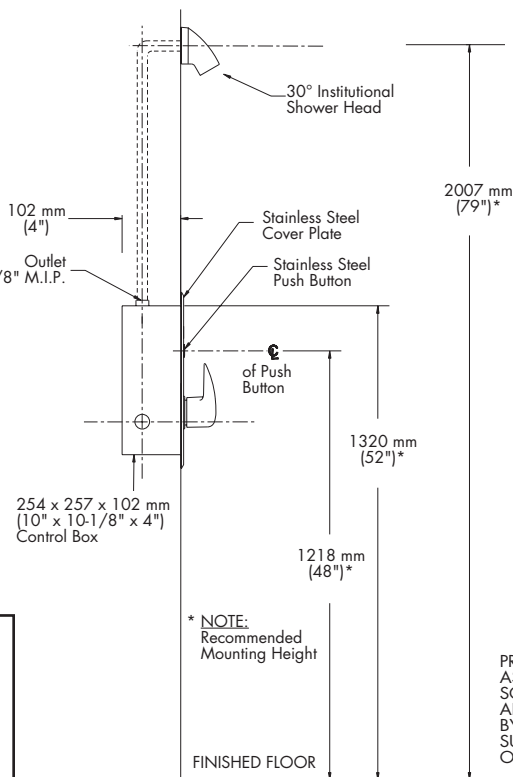
PAUSE WARNING FOR SHOWER #5

Plumbing Codes require that showerheads and handshowers provide a small but continuous flow of water (trickle) when in "PAUSE" mode. Because of this continuous flow, in certain circumstances pressure variations in the water line and/or changes in the position of the shower temperature control handle while in "PAUSE" mode could result in dramatic changes to the temperature of the water when the shower head or hand shower is returned to the "ON" position.

ALWAYS point the shower head away from yourself when returning to the "ON" position and feel the water with your hand before resuming your shower to ensure the water flow is not too hot or too cold. DO NOT allow children or others who might not understand this warning to use the "PAUSE" function.

HARDWIRE WITH BATTERY BACKUP

- ☐ Add suffix "-BB" to Product Number. See DSP-BB for detailed specification.



PRODUCT SUPPLIED AS SHOWN BY SOLID LINES. ALL ITEMS SHOWN BY DOTTED LINES SUPPLIED BY OTHERS.

860T & 861T ELECTRONIC SHOWER OPTIONAL ACCESSORIES:

✓	TRANSFORMERS:	
	060704A	110 to 24VAC Class II 20VA (Up to 5 Electronic Valves)
	060771A	110 to 24VAC Class II 40VA (Up to 10 Electronic Valves)
✓	CORDS:	
	060901A	12" Solenoid Extension Cord
	060902A	36" Solenoid Extension Cord

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TEMPERED WATER – ASSEMBLED CONTROL BOX

860T AND 861T SERIES

✓	PRODUCT NO.			VALVE TYPE	MOUNT TYPE	COVER
	860T1		3	Push Button Shower Valve – Hardwire	Recessed Mount	254 mm (10") Stainless Steel
	861T1		3	Push Button Shower Valve – Battery	Recessed Mount	254 mm (10") Stainless Steel

860T AND 861T SERIES

Battery Operated – Batteries and battery pack supplied.

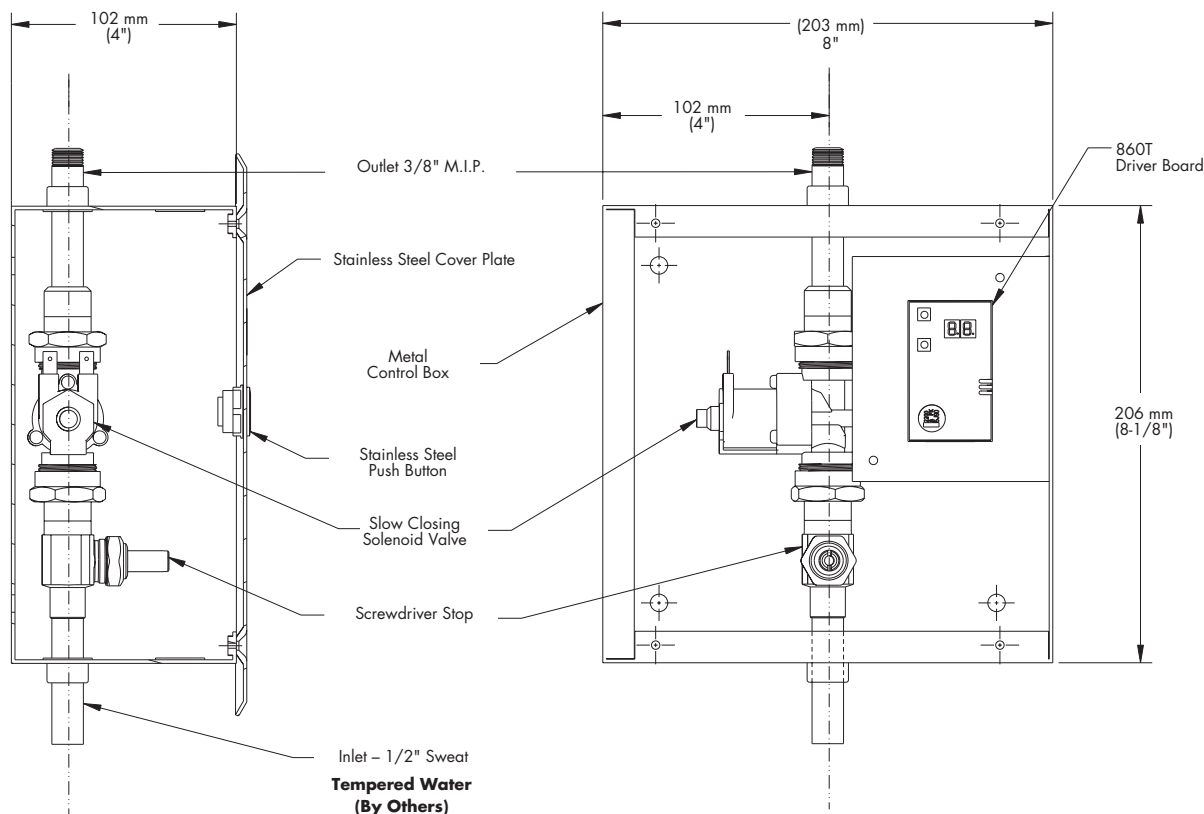
Hardwire Version comes complete with Watertight Connector and Hardwire Converter 24VAC to 6VDC.

Hardwire with Battery Backup (-BB) comes complete with Watertight Connector, Hardwire Converter 24VAC to 6VDC and 9V battery. **See DSP-BB for detailed specification.**

COMPENSATING VALVE NOTE:

Models with Control Box #3 selected are for use with automatic compensating valves rated at or less than the CV value shown for the different showerhead selection below.

MODELS WITH CONTROL BOX #3	CV VALUE @ 45 PSI (310 kPa)
Plus Shower #3	1.34 gpm (5.07 L/min)
Plus Shower #5	1.28 gpm (4.8 L/min)
Plus Shower #6	1.4 gpm (5.3 L/min)
Plus Shower #7	1.36 gpm (5.15 L/min)



Note: Measurements may vary $\pm 6\text{mm}$ (0.25")

COMPONENTS ONLY UNASSEMBLED

860T AND 861T SERIES

✓	PRODUCT NO.			VALVE TYPE	MOUNT TYPE	COVER
	860T1		6	Push Button Shower Valve – Hardwire	Recessed Mount	114mm (4-1/2") Stainless Steel
	861T1		6	Push Button Shower Valve – Battery	Recessed Mount	114mm (4-1/2") Stainless Steel

860T AND 861T SERIES

Battery Operated – Batteries and battery pack supplied.

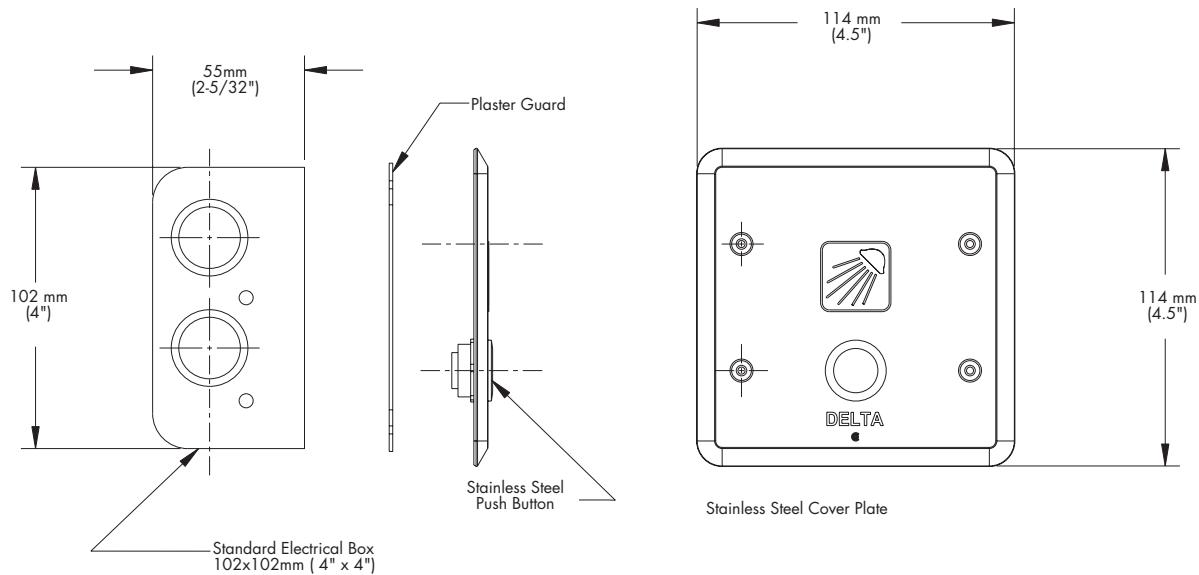
Hardwire Version comes complete with Watertight Connector and Hardwire Converter 24VAC to 6VDC.

Hardwire with Battery Backup (-BB) comes complete with Watertight Connector, Hardwire Converter 24VAC to 6VDC and 9V battery. **See DSP-BB for detailed specification.**

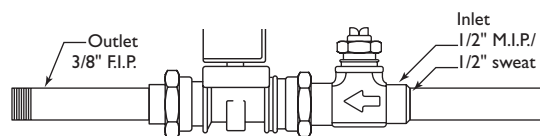
COMPENSATING VALVE NOTE:

Models with Control Box #6 selected are for use with automatic compensating valves rated at or less than the CV value shown for the different showerhead selection below.

MODELS WITH CONTROL BOX #6	CV VALUE @ 45 PSI (310 kPa)
Plus Shower #3	1.34 gpm (5.07 L/min)
Plus Shower #5	1.28 gpm (4.8 L/min)
Plus Shower #6	1.4 gpm (5.3 L/min)
Plus Shower #7	1.36 gpm (5.15 L/min)



Battery Pack (not shown).
Required for battery models only.



Slow closing solenoid valve AND Screwdriver stop

**Tempered Water
(By Others)**

Note: Measurements may vary $\pm 6\text{mm}$ (0.25")

PRESSURE BALANCING MIXING VALVE ASSEMBLED CONTROL BOX

860T AND 861T SERIES

✓	PRODUCT NO.			VALVE TYPE	MOUNT TYPE	COVER
	860T1		7	Push Button Shower Valve – Hardwire	Recessed Mount	305mm (12") Stainless Steel
	861T1		7	Push Button Shower Valve – Battery	Recessed Mount	305mm (12") Stainless Steel

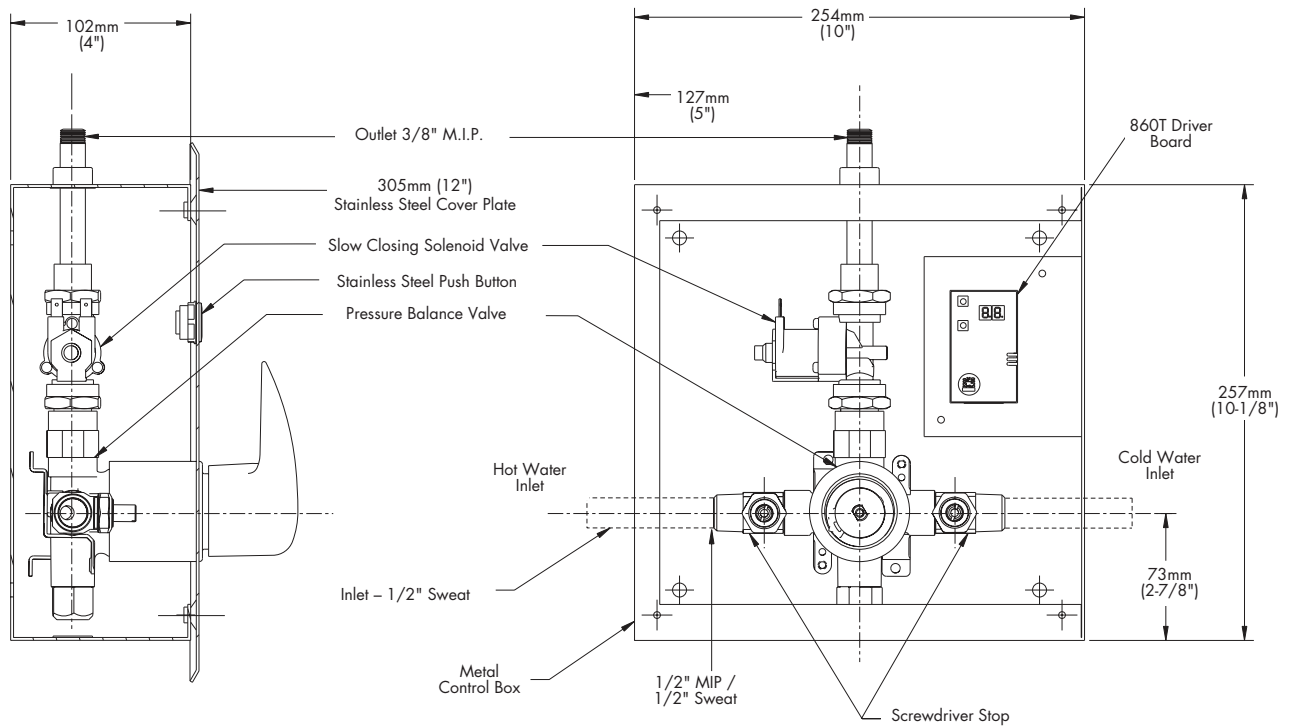
860T AND 861T SERIES

Battery Operated – Batteries and battery pack supplied.

Hardwire Version comes complete with Watertight Connector and Hardwire Converter 24VAC to 6VDC.

Hardwire with Battery Backup (-BB) comes complete with Watertight Connector, Hardwire Converter 24VAC to 6VDC and 9V battery. **See DSP-BB for detailed specification.**

Models supplied without a showerhead must be used with showerheads rated at 4.7 L/min @ 310 kPa (1.25 gpm @ 45 psi) or higher.



PIPING SHOWN WITH DOTTED LINES SUPPLIED BY OTHERS.

Battery Pack (not shown).
Required for battery models only.

Note: Measurements may vary $\pm 6\text{mm}$ (0.25")

THERMOSTATIC BALANCING MIXING VALVE ASSEMBLED CONTROL BOX

860T AND 861T SERIES

✓	PRODUCT NO.			VALVE TYPE	MOUNT TYPE	COVER
	860T1		8	Push Button Shower Valve – Hardwire	Recessed Mount	305mm (12") Stainless Steel
	861T1		8	Push Button Shower Valve – Battery	Recessed Mount	305mm (12") Stainless Steel

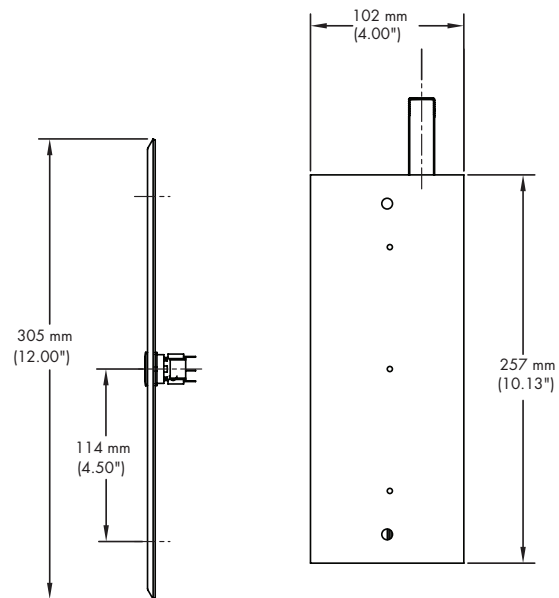
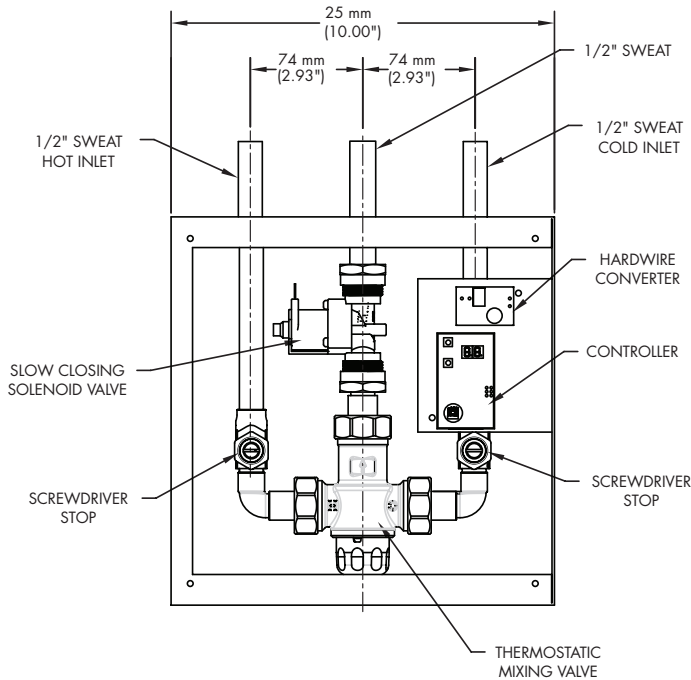
860T AND 861T SERIES

Battery Operated – Batteries and battery pack supplied.

Hardwire Version comes complete with Watertight Connector and Hardwire Converter 24VAC to 6VDC.

Hardwire with Battery Backup (-BB) comes complete with Watertight Connector, Hardwire Converter 24VAC to 6VDC and 9V battery. **See DSP-BB for detailed specification.**

Models supplied without a showerhead must be used with showerheads rated at 1.29 L/min @ 310 kPa (0.34 gpm @ 45 psi) or higher.



Note: Measurements may vary $\pm 6\text{mm}$ (0.25")

860T Series Shower Add-On Options

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DESCRIPTION	ADD-ON NUMBER		
860T Shower Add-On Options	—		

(A number from each option column must be used for a **complete Product Add-On**)

HOSE, ETC. ✓

0 Always use "0" if NO selection is required from this column	<input type="checkbox"/>
1	<input type="checkbox"/>
2 1753 mm (69") Long CP Stainless Steel Hose – Stretches to 92" (2337 mm) (1)	<input type="checkbox"/>
3	<input type="checkbox"/>
4	<input type="checkbox"/>



MISCELLANEOUS ✓

0 Always use "0" if NO selection is required from this column	<input type="checkbox"/>
1	<input type="checkbox"/>
2	<input type="checkbox"/>
3	<input type="checkbox"/>
4	<input type="checkbox"/>
5 914 mm (36") S/S Slide Bar (2)	<input type="checkbox"/>



Note:

- (1) **Base Product** for the **HOSE** must include **SHOWER** option **No. 5**
- (2) **Base Product** for S/S Slide Bar must include **SHOWER** option **No. 5**

HOW TO SELECT AND SPECIFY ADD-ON OPTIONS:

Example No. 1: Base Product selected is 860T153.
36" S/S Slide Bar Add-On Suffix Number is -05
Product Number to Specify: 860T153-05