

## Pressure Reducing Valves

### New Configurations and Sizes



Catalog LT-PRV1018  
Effective Date: October 2018

## Did you know?

Legend does not have a minimum order requirement.

Legend guarantees your order will ship in 24 hours or less.

Legend guarantees your order will ship 100% complete.

Legend guarantees that you may return any non-obsolete product with no restocking fee.

At Legend you will always speak with a human being.

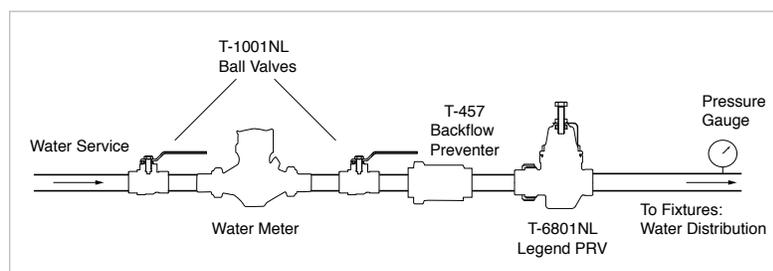
At Legend it has always been and will always be,

**Service as it should be.™**

The T-6802NL Series of No Lead Brass Pressure Reducing Valves are available in multiple configurations to meet the most common piping systems: steel or brass pipe, PEX, copper, and CPVC. The inlet and outlet union nuts allow for easy installation and in-line servicing. The connectors include: FNPT, PEX, Solder, and CPVC adapters. The pressure reducing valve is packaged as a complete unit, preassembled for immediate installation.

The Legend Pressure Reducing Valves are specifically engineered for residential plumbing systems. Each are designed to reduce inlet pressure to a more optimal range of 25 to 75 psi in accordance with local codes. The Legend Pressure Reducing Valves are factory set at 50 psi, and can be easily adjusted to the desired pressure using an open end wrench.

*There is an optional 125 psi relief valve for the model T-6802NL series. The pressure relief valve protects from thermal expansion that may occur in a plumbing system and is used in tandem with a backflow device. The T-6802NL is offered in each connection system with or without the pressure relief valve. All Legend pressure reducing valve bodies are cast no lead brass, with bonnets made from either no lead brass or polycarbonate resin.*



An example of a common piping schematic using a pressure reducing valve.



**T-6802NL Pressure Reducing Valve with Thermoplastic Bonnet**

- No lead brass body
- Glass-filled polycarbonate bonnet
- Double union connection
- Factory pre-set at 50 psi outlet pressure
- Adjustable outlet pressure range from 25 to 75 psi
- Can be installed vertically or horizontally
- Integral strainer for in-line cleaning
- Equipped with a thermal expansion bypass
- Optional pressure relief valve
- Third party tested and certified: NSF/ANSI 61, ASSE 1003 & CSA B356
- 300 CWP, Maximum service temperature 180°F

**NO LEAD BRASS PRESSURE REDUCING VALVES**



FNPT x FNPT

Part No.	Size	Configuration	Inner Pk.	Carton
<b>T-6802NL without Relief Valve</b>				
111-023NLF	1/2"	FNPT x FNPT Union Ends	1	24
111-024NLF	3/4"	FNPT x FNPT Union Ends	1	24
111-025NLF	1"	FNPT x FNPT Union Ends	1	16



1/4" Relief Valve  
FNPT x FNPT

<b>T-6802NL with 1/4" MNPT Relief Valve</b>				
111-023NLRF	1/2"	FNPT x FNPT Union Ends	1	24
111-024NLRF	3/4"	FNPT x FNPT Union Ends	1	24
111-025NLRF	1"	FNPT x FNPT Union Ends	1	16



3/8" Relief Valve  
FNPT x FNPT

<b>T-6802NL with 3/8" Compression Relief Valve</b>				
111-023NLCF	1/2"	FNPT x FNPT Union Ends	1	24
111-024NLCF	3/4"	FNPT x FNPT Union Ends	1	24
111-025NLCF	1"	FNPT x FNPT Union Ends	1	16



**T-6802NL Pressure Reducing Valve with Thermoplastic Bonnet**

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- 300 CWP, Maximum service temperature 180° F

**NO LEAD BRASS PRESSURE REDUCING VALVES**

Part No.	Size	Configuration	Inner Pk.	Carton
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Solder x Solder

**T-6802NL without Relief Valve**

111-023NLS	1/2"	Solder x Solder Union Ends	1	24
111-024NLS	3/4"	Solder x Solder Union Ends	1	24
111-025NLS	1"	Solder x Solder Union Ends	1	16



1/4" Relief Valve  
Solder x Solder

**T-6802NL with 1/4" MNPT Relief Valve**

111-023NLRS	1/2"	Solder x Solder Union Ends	1	24
111-024NLRS	3/4"	Solder x Solder Union Ends	1	24
111-025NLRS	1"	Solder x Solder Union Ends	1	16



3/8" Relief Valve  
Solder x Solder

**T-6802NL with 3/8" Compression Relief Valve**

111-023NLCS	1/2"	Solder x Solder Union Ends	1	24
111-024NLCS	3/4"	Solder x Solder Union Ends	1	24
111-025NLCS	1"	Solder x Solder Union Ends	1	16



**T-6802NL Pressure Reducing Valve with Thermoplastic Bonnet**

- No lead brass body
- Glass-filled polycarbonate bonnet
- Double union connection
- Factory pre-set at 50 psi outlet pressure
- Adjustable outlet pressure range from 25 to 75 psi
- Can be installed vertically or horizontally
- Integral strainer for in-line cleaning
- Equipped with a thermal expansion bypass
- Optional pressure relief valve
- Third party tested and certified: NSF/ANSI 61, ASSE 1003 & CSA B356
- 300 CWP, Maximum service temperature 180° F

**NO LEAD BRASS PRESSURE REDUCING VALVES**

Part No.	Size	Configuration	Inner Pk.	Carton
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PEX x PEX

**T-6802NL without Relief Valve**

111-023NLX	1/2"	PEX x PEX Union Ends	1	24
111-024NLX	3/4"	PEX x PEX Union Ends	1	24
111-025NLX	1"	PEX x PEX Union Ends	1	16



1/4" Relief Valve  
PEX x PEX

**T-6802NL with 1/4" MNPT Relief Valve**

111-023NLRX	1/2"	PEX x PEX Union Ends	1	24
111-024NLRX	3/4"	PEX x PEX Union Ends	1	24
111-025NLRX	1"	PEX x PEX Union Ends	1	16



3/8" Relief Valve  
PEX x PEX

**T-6802NL with 3/8" Compression Relief Valve**

111-023NLCX	1/2"	PEX x PEX Union Ends	1	24
111-024NLCX	3/4"	PEX x PEX Union Ends	1	24
111-025NLCX	1"	PEX x PEX Union Ends	1	16



**T-6802NL Pressure Reducing Valve with Thermoplastic Bonnet**

- No lead brass body
- Glass-filled polycarbonate bonnet
- Double union connection
- Factory pre-set at 50 psi outlet pressure
- Adjustable outlet pressure range from 25 to 75 psi
- Can be installed vertically or horizontally
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- Optional pressure relief valve
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- 300 CWP, Maximum service temperature 180° F

**NO LEAD BRASS PRESSURE REDUCING VALVES**

Part No.	Size	Configuration	Inner Pk.	Carton
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CPVC x CPVC

**T-6802NL without Relief Valve**

111-023NLV	1/2"	CPVC x CPVC Union Ends	1	24
111-024NLV	3/4"	CPVC x CPVC Union Ends	1	24
111-025NLV	1"	CPVC x CPVC Union Ends	1	16



1/4" Relief Valve  
CPVC x CPVC

**T-6802NL with 1/4" MNPT Relief Valve**

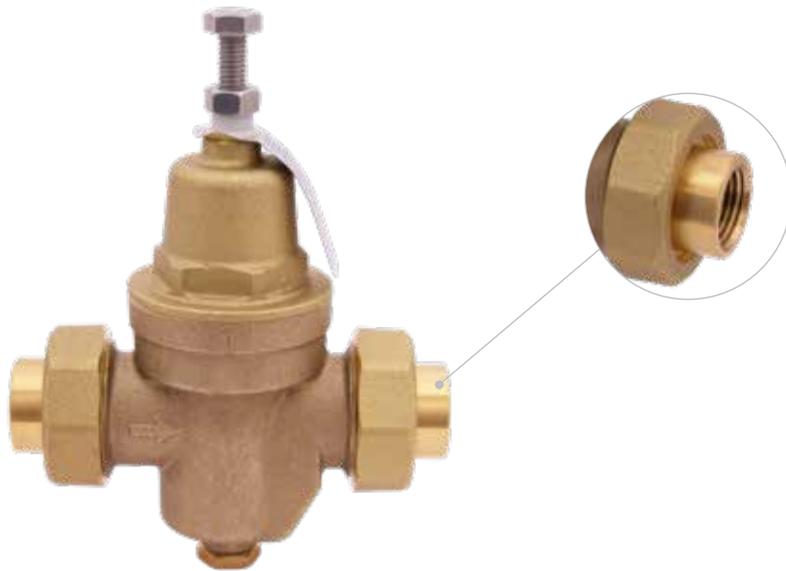
111-023NLRV	1/2"	CPVC x CPVC Union Ends	1	24
111-024NLRV	3/4"	CPVC x CPVC Union Ends	1	24
111-025NLRV	1"	CPVC x CPVC Union Ends	1	16



3/8" Relief Valve  
CPVC x CPVC

**T-6802NL with 3/8" Compression Relief Valve**

111-023NLCV	1/2"	CPVC x CPVC Union Ends	1	24
111-024NLCV	3/4"	CPVC x CPVC Union Ends	1	24
111-025NLCV	1"	CPVC x CPVC Union Ends	1	16



**T-6802NL Pressure Reducing Valve with Brass Bonnet**

- No lead brass body
- Brass Bonnet
- Double union connection
- Factory pre-set at 50 psi outlet pressure
- Adjustable outlet pressure range from 25 to 75 psi
- Can be installed vertically or horizontally
- Integral strainer for in-line cleaning
- Equipped with a thermal expansion bypass
- Optional pressure relief valve
- Third party tested and certified: NSF/ANSI 61, ASSE 1003 & CSA B356
- 300 CWP, Maximum service temperature 180° F

**NO LEAD BRASS PRESSURE REDUCING VALVES**



FNPT x FNPT

Part No.	Size	Configuration	Inner Pk.	Carton
<b>T-6802NL without Relief Valve</b>				
112-023NLF	1/2"	FNPT x FNPT Union Ends	1	24
112-024NLF	3/4"	FNPT x FNPT Union Ends	1	24
112-025NLF	1"	FNPT x FNPT Union Ends	1	16
112-026NLF	1-1/4"	FNPT x FNPT Union Ends	1	10
112-027NLF	1-1/2"	FNPT x FNPT Union Ends	1	8
112-028NLF	2"	FNPT x FNPT Union Ends	1	6



1/4" Relief Valve  
FNPT x FNPT

**T-6802NL with 1/4" MNPT Relief Valve**

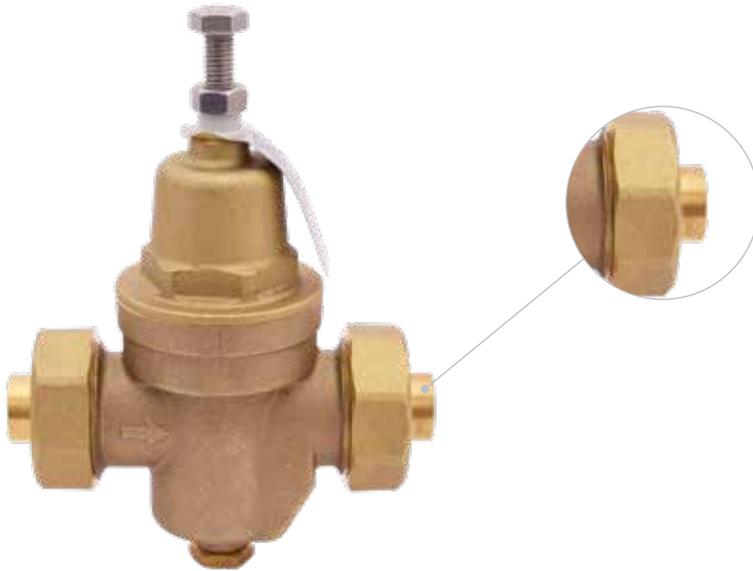
112-023NLRF	1/2"	FNPT x FNPT Union Ends	1	24
112-024NLRF	3/4"	FNPT x FNPT Union Ends	1	24
112-025NLRF	1"	FNPT x FNPT Union Ends	1	16



3/8" Relief Valve  
FNPT x FNPT

**T-6802NL with 3/8" Compression Relief Valve**

112-023NLCF	1/2"	FNPT x FNPT Union Ends	1	24
112-024NLCF	3/4"	FNPT x FNPT Union Ends	1	24
112-025NLCF	1"	FNPT x FNPT Union Ends	1	16



**T-6802NL Pressure Reducing Valve with Brass Bonnet**

- No lead brass body
- Brass Bonnet
- Double union connection
- Factory pre-set at 50 psi outlet pressure
- Adjustable outlet pressure range from 25 to 75 psi
- Can be installed vertically or horizontally
- Integral strainer for in-line cleaning
- Equipped with a thermal expansion bypass
- Optional pressure relief valve
- Third party tested and certified: NSF/ANSI 61, ASSE 1003 & CSA B356
- 300 CWP, Maximum service temperature 180° F

**NO LEAD BRASS PRESSURE REDUCING VALVES**

Part No.	Size	Configuration	Inner Pk.	Carton
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Solder x Solder

**T-6802NL without Relief Valve**

112-023NLS	1/2"	Solder x Solder Union Ends	1	24
112-024NLS	3/4"	Solder x Solder Union Ends	1	24
112-025NLS	1"	Solder x Solder Union Ends	1	16
112-026NLS	1-1/4"	Solder x Solder Union Ends	1	10
112-027NLS	1-1/2"	Solder x Solder Union Ends	1	8
112-028NLS	2"	Solder x Solder Union Ends	1	6



1/4" Relief Valve  
Solder x Solder

**T-6802NL with 1/4" MNPT Relief Valve**

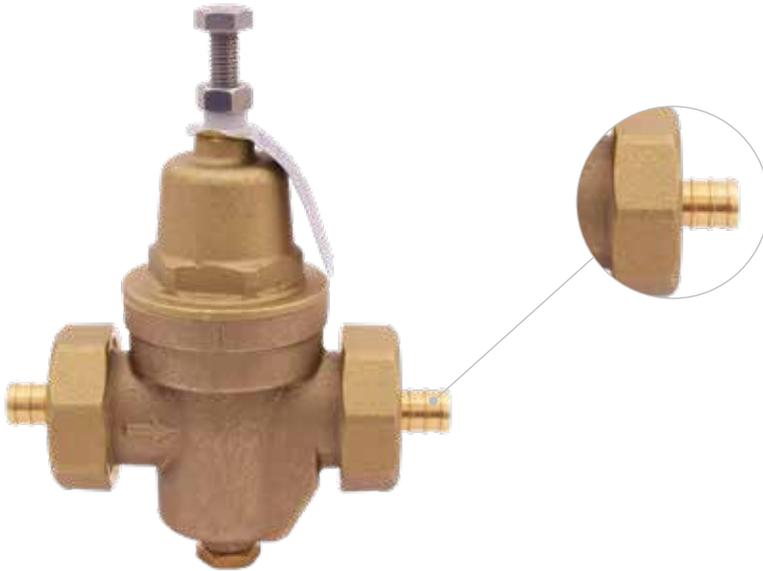
112-023NLRS	1/2"	Solder x Solder Union Ends	1	24
112-024NLRS	3/4"	Solder x Solder Union Ends	1	24
112-025NLRS	1"	Solder x Solder Union Ends	1	16



3/8" Relief Valve  
Solder x Solder

**T-6802NL with 3/8" Compression Relief Valve**

112-023NLCS	1/2"	Solder x Solder Union Ends	1	24
112-024NLCS	3/4"	Solder x Solder Union Ends	1	24
112-025NLCS	1"	Solder x Solder Union Ends	1	16



**T-6802NL Pressure Reducing Valve with Brass Bonnet**

- No lead brass body
- Brass Bonnet
- Double union connection
- Factory pre-set at 50 psi outlet pressure
- Adjustable outlet pressure range from 25 to 75 psi
- Can be installed vertically or horizontally
- Integral strainer for in-line cleaning
- Equipped with a thermal expansion bypass
- Optional pressure relief valve
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- 300 CWP, Maximum service temperature 180° F

**NO LEAD BRASS PRESSURE REDUCING VALVES**



PEX x PEX

Part No.	Size	Configuration	Inner Pk.	Carton
<b>T-6802NL without Relief Valve</b>				
112-023NLX	1/2"	PEX x PEX Union Ends	1	24
112-024NLX	3/4"	PEX x PEX Union Ends	1	24
112-025NLX	1"	PEX x PEX Union Ends	1	16



1/4" Relief Valve  
PEX x PEX

**T-6802NL with 1/4" MNPT Relief Valve**

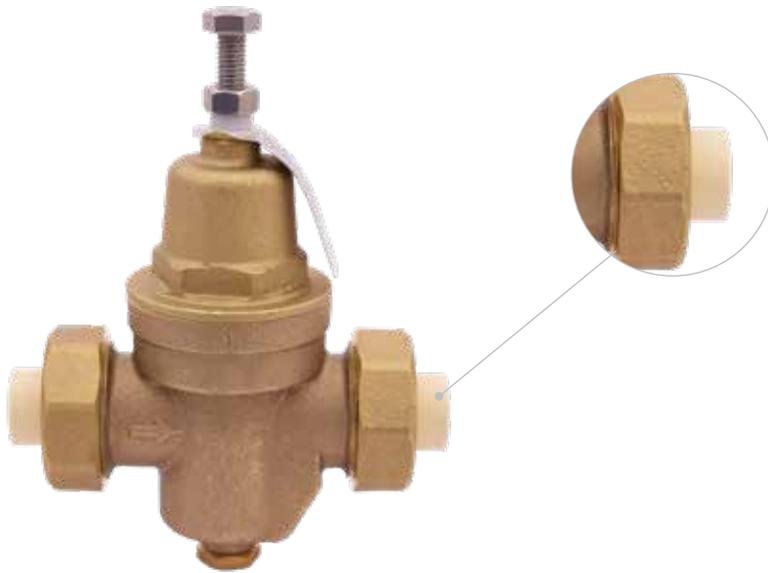
112-023NLRX	1/2"	PEX x PEX Union Ends	1	24
112-024NLRX	3/4"	PEX x PEX Union Ends	1	24
112-025NLRX	1"	PEX x PEX Union Ends	1	16



3/8" Relief Valve  
PEX x PEX

**T-6802NL with 3/8" Compression Relief Valve**

112-023NLCX	1/2"	PEX x PEX Union Ends	1	24
112-024NLCX	3/4"	PEX x PEX Union Ends	1	24
112-025NLCX	1"	PEX x PEX Union Ends	1	16



**T-6802NL Pressure Reducing Valve with Brass Bonnet**

- No lead brass body
- Brass Bonnet
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- Factory pre-set at 50 psi outlet pressure
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- Integral strainer for in-line cleaning
- Equipped with a thermal expansion bypass
- Optional pressure relief valve
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- 300 CWP, Maximum service temperature 180° F

**NO LEAD BRASS PRESSURE REDUCING VALVES**

Part No.	Size	Configuration	Inner Pk.	Carton
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CPVC x CPVC

**T-6802NL without Relief Valve**

112-023NLV	1/2"	CPVC x CPVC Union Ends	1	24
112-024NLV	3/4"	CPVC x CPVC Union Ends	1	24
112-025NLV	1"	CPVC x CPVC Union Ends	1	16



1/4" Relief Valve  
CPVC x CPVC

**T-6802NL with 1/4" MNPT Relief Valve**

112-023NLRV	1/2"	CPVC x CPVC Union Ends	1	24
112-024NLRV	3/4"	CPVC x CPVC Union Ends	1	24
112-025NLRV	1"	CPVC x CPVC Union Ends	1	16

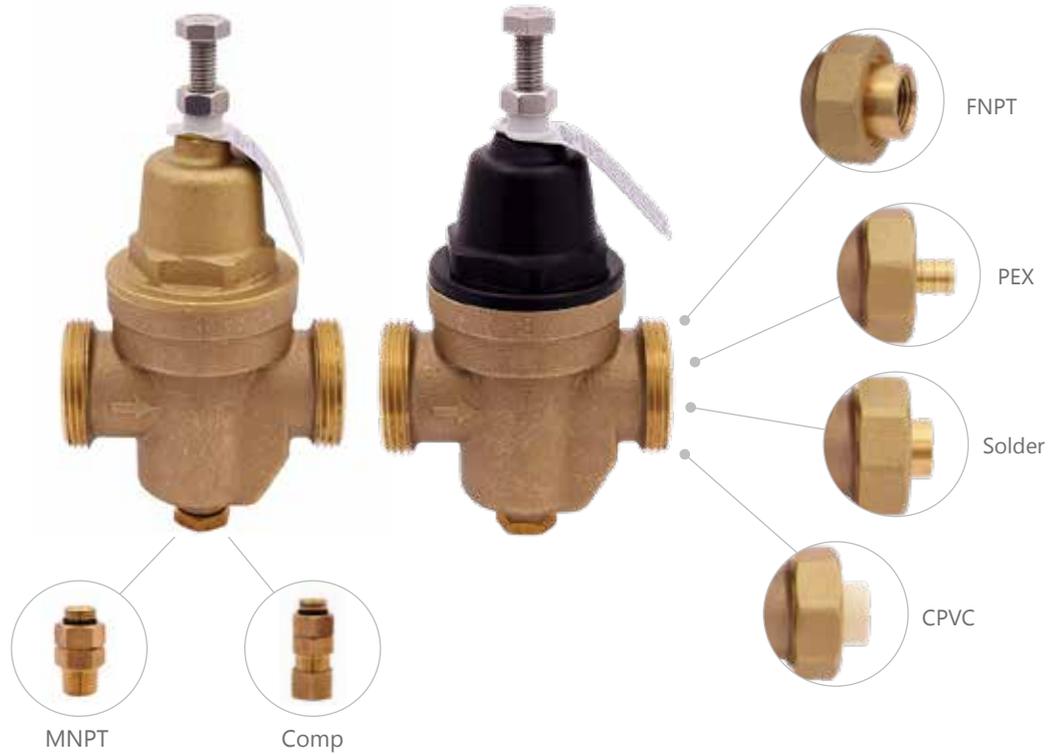


3/8" Relief Valve  
CPVC x CPVC

**T-6802NL with 3/8" Compression Relief Valve**

112-023NLCV	1/2"	CPVC x CPVC Union Ends	1	24
112-024NLCV	3/4"	CPVC x CPVC Union Ends	1	24
112-025NLCV	1"	CPVC x CPVC Union Ends	1	16

Reduce your inventory while increasing the breadth of your offering by building your own Pressure Reducing Valve. Select from the four types of connecting adapters and PRV bodies. Match the size of the adapter with the corresponding sized body. The adapters are packaged individually with one union nut and washer, (each PRV installation requires two connecting adapters). If the plumbing system requires, select the properly sized pressure relief valve for protection from thermal expansion.



**PRESSURE REDUCING VALVE BODIES**

**T-6802NL Body**

Part No.	Pipe (Tube) Size	Configuration	Bag
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**Body only with Thermoplastic Bonnet**

111-023NL	1/2"	T-6802NL Thermoplastic	1
111-024NL	3/4"	T-6802NL Thermoplastic	1
111-025NL	1"	T-6802NL Thermoplastic	1



Thermoplastic

**Body only with Brass Bonnet**

112-023NL	1/2"	T-6802NL Brass	1
112-024NL	3/4"	T-6802NL Brass	1
112-025NL	1"	T-6802NL Brass	1
112-026NL	1-1/4"	T-6802NL Brass	1
112-027NL	1-1/2"	T-6802NL Brass	1
112-028NL	2"	T-6802NL Brass	1



Brass

**CONNECTING ADAPTER WITH UNION NUT**

Part No.	Pipe (Tube) Size	Configuration	Bag	List Price
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**2 per unit are required. Prices are for one adapter.**



FNPT Adapter  
w/ Union

**Adapter with Union Nut**

333-3NLF	1/2"	FNPT	1	
333-3NLS	1/2"	Solder	1	
333-3NLX	1/2"	PEX	1	
333-3NLV	1/2"	CPVC	1	



Solder Adapter  
w/ Union

333-4NLF	3/4"	FNPT	1	
333-4NLS	3/4"	Solder	1	
333-4NLX	3/4"	PEX	1	
333-4NLV	3/4"	CPVC	1	



PEX Adapter  
w/ Union

333-5NLF	1"	FNPT	1	
333-5NLS	1"	Solder	1	
333-5NLX	1"	PEX	1	
333-5NLV	1"	CPVC	1	



CPVC Adapter  
w/ Union

333-6NLF	1-1/4"	FNPT	1	
333-6NLS	1-1/4"	Solder	1	
333-7NLF	1-1/2"	FNPT	1	
333-7NLS	1-1/2"	Solder	1	
333-8NLF	2"	FNPT	1	
333-8NLS	2"	Solder	1	

Each connecting adapters are bagged individually.

**PRESSURE RELIEF VALVES FOR THERMAL EXPANSION PROTECTION**

**Pressure Relief Valves**



MNPT Relief Valve

333-1RV	1/4"	MNPT Relief Valve	1	
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Compression Relief Valve

333-2RV	3/8"	OD Relief Valve	1	
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**T-6801NL Brass Compact PRV, with Thermoplastic Bonnet**



Part No.	Size	Configuration	Inner Pk.	Carton
111-333NL	1/2"	FNPT Union x FNPT	1	24
111-334NL	3/4"	FNPT Union x FNPT	1	24
111-335NL	1"	FNPT Union x FNPT	1	16

**T-6803NL Compact PRV with Thermoplastic Bonnet**



111-033NL	1/2"	FNPT x FNPT	1	24
111-034NL	3/4"	FNPT x FNPT	1	24
111-035NL	1"	FNPT x FNPT	1	24

**T-6803NL Compact PRV with Brass Bonnet**



112-033NL	1/2"	FNPT x FNPT	1	24
112-034NL	3/4"	FNPT x FNPT	1	24
112-035NL	1"	FNPT x FNPT	1	24

**T-6800NL Bronze Pressure Reducing Valve**



111-323NL	1/2"	FNPT Union x FNPT	1	16
111-324NL	3/4"	FNPT Union x FNPT	1	16
111-325NL	1"	FNPT Union x FNPT	1	12

Legend.

Real people providing real solutions for our customers.



Top row: Nathan, Katie, Larry, Lori, Kevin, Tasha, Jason. Bottom row: Sue, Nancy, Marge, Dave, Kelly

We've got your back!®

**Downstream  
Thinking**  
It's all about Performance



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