Port Sizes
(Excluding Preplumbed Ports)
- Inlet: 1/8" and 1/4" NPTF
- Outlet: 1/8" and 1/4" NPTF

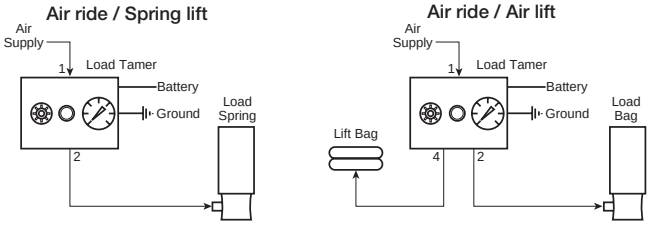
Operating Pressure
- 0 to 160 PSIG

Operating Temperature
- Standard Temperature
  0°F to 120°F (-18°C to 49°C)
- Low Temperature
  20°F to 120°F (-28°C to 49°C)

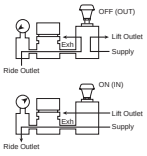
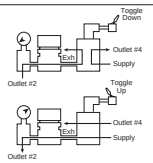
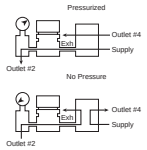
Flow Rating
- 0.2 Cv to 1.4 Cv

Gauge Scale
- 160 PSI

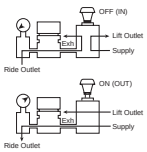
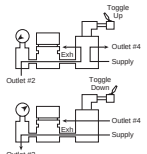
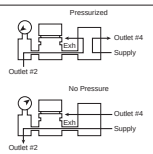
Typical Installations



Plastic Housing Mount

	Symbol	Port size	Cv	Voltage	Temperature	Part number
Push-Pull Control 		1/8"	.2	Mechanical	0°F to 120°F	**LT111PA1LPA**
						LT111PA1RPA
Toggle Control 		1/8"	.75	Mechanical	0°F to 120°F	**LT111TA1LPA**
						LT111TA1RPA
Remote Pilot Controls 		1/8"	.75	Remote pilot	-20°F to 120°F	**LT111VA1LPA**
						LT111VA1RPA

Flat Plate Mount

	Symbol	Port size	Cv	Voltage	Temperature	Part number
Push / Pull Control  H  P		1/8"	.2	Mechanical	0°F to 120°F	**LT112PA1LPA**
						LT112PA1RPA
		1/4"	.83	Mechanical	0°F to 120°F	**LT112HD1LPA**
						LT112HD1RPA
Toggle Control  J, K  T, R, S		1/8"	.75	Mechanical	0°F to 120°F	**LT112TA1LPA**
		1/8"	.75	Mechanical	0°F to 120°F	**LT112TA1RPA**
Remote Pilot Controls 		1/8"	.75	Remote pilot	-20°F to 120°F	**LT112VA1LPA**
						LT112VA1RPA

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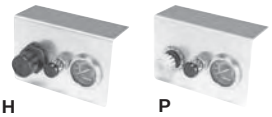
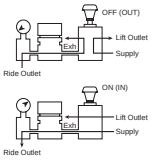
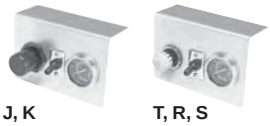
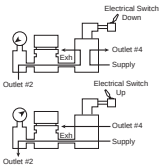
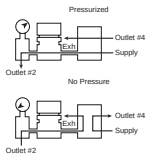
L Bracket Mount

	Symbol	Port size	Cv	Voltage	Temperature	Part number
Push / Pull Control  H P		1/8"	.2	Mechanical	0°F to 120°F	**LT113PA1LPA**
						LT113PA1RPA
		1/4"	.83	Mechanical	0°F to 120°F	**LT113HD1LPA**
						LT113HD1RPA
Toggle Control  J, K T, R, S		1/8"	.75	12VDC	0°F to 120°F	**LT113TA1LPA**
						LT113TA1RPA
Remote Pilot Controls 		1/8"	.75	Remote pilot	-20°F to 120°F	**LT113VA1LPA**
						LT113VA1RPA

Model Number Index

LT1 1 1 P A 1 R P A

Base Load-Tamer

Standard	**LT1**

Configuration

Single	**1**

Housing

Plastic	**1***
Flat plate	2
L bracket	3
Plastic w/ mounting holes	4*
No housing	X

* Not available with "D" regulator option.

Valve

Push / Pull - Mechanical	**P**
Toggle - mechanical	T
Switch - electrical 12VDC	R
Switch - electrical 24VDC	S
High flow - mechanical (1/4" Only)	H†
High flow - switch elec. 12VDC	J*
High flow - switch elec. 24VDC	K*
Low temp external remote pilot	V**

* Not available with "A" regulator option, only available with "2" & "3" housing options.

** Only available with "A" regulator option.

† Only available with "D" regulator option, only

Regulator

A*	**1/8" w/o Gauge Ports**
D*	1/4" High Flow with Gauge Ports

* Inlet / outlet ports are the same as regulator option.

Gauge

1	**Lighted**

Function - with knob out (Toggle up)

R	**Raise axle**
L	Lower axle

Factory Designation

P	**Parker label**
G	Generic label

Engineering Level

A	**Current level**

Most popular.

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Specifications

Port sizes (excluding pre-plumbed ports):
- Valve option P, T, R & S
  - Inlet ..... 1/8 NPTF
  - Outlets ..... 1/8 NPTF
- Valve option H, J & K
  - Inlet ..... 1/4 NPTF
  - Outlets ..... 1/4 NPTF

Maximum operating pressure ..... 160 PSIG (11 bar)

Valve option P, T, R, S, J, K & H
Operating temperature ..... 0°F to 120°F (-18°C to 49°C)

Valve option V
Operating temperature ..... -20°F to 120°F (-28°C to 49°C)

Flow rating
- P & T ..... 0.20 Cv
- R & S ..... 0.75 Cv
- J & K ..... 1.40 Cv
- H & V ..... 0.83 Cv

Gauge scale ..... 160 PSIG

Lamp voltage 12V

Net weight ..... 1/8, 1 lb. 14 oz. (0.85 kg)
1/4, 2 lb. 13 oz. (1.28 kg)

Notes:
All units equipped with pressure regulator knob.

⚠ **CAUTION:**
If it is possible that the ambient temperature may fall below freezing, the medium must be moisture free to prevent internal damage or unpredictable behavior.

Kits & Accessories

Description	Valve option	Part number
Plastic housing	P,T,R,S	**B523177**
Plastic housing	V	**B52317701**
Flat plate	P,T,R,S	**SBCF0476**
Flat plate	V	**SBCF047601**
Flat plate	J,K	**SBCF047602**
L bracket	P,T,R,S	**SBCF0462**
L bracket	V	**SBCF046201**
L bracket	J,K	**SBCF046202**

* Contact Parker Pneumatic Division for all other features

Application

The LOAD-TAMER™ is engineered for vehicular applications such as air suspension systems and axle lift installations, where the LOAD-TAMER™ control panel provides a convenient means of manually controlling the system. Control panel design provides for ease of mounting in the operator's compartment.

Gauge Kits

Description	Part number
Lighted gauge kit	**P0328401**
Unlighted gauge kit	**P0328402**

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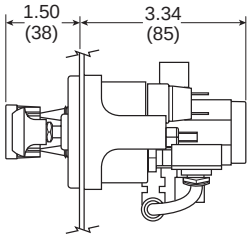
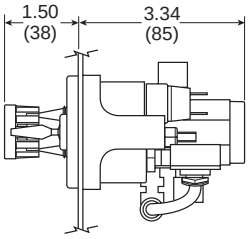
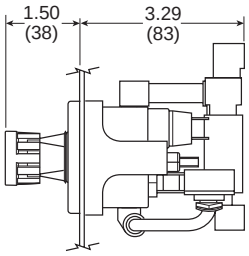
Dimensions



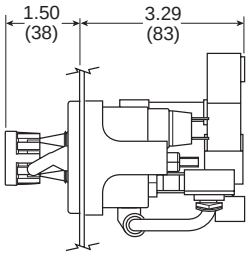
P



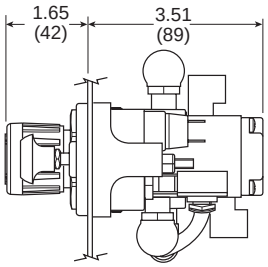
T



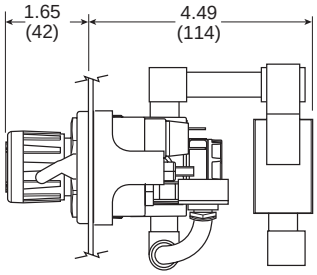
V



R, S

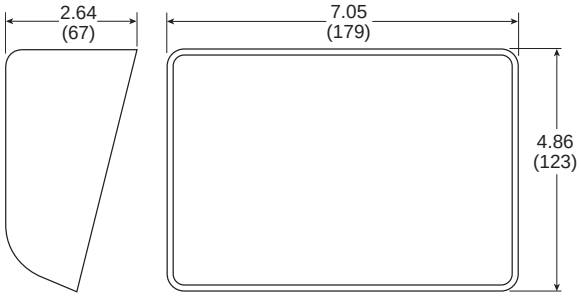


H

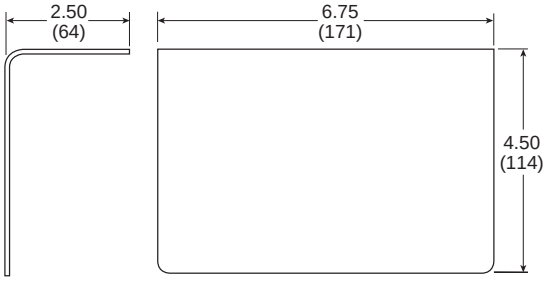


J, K

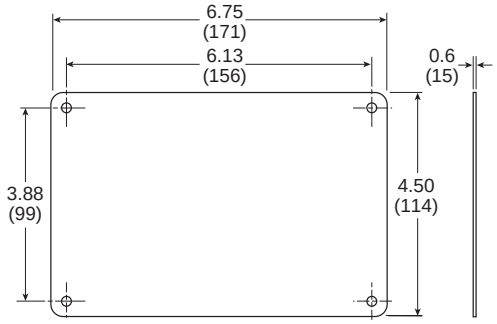
Note: Letters indicate Valve Option.



Plastic Housing



L Bracket



Flat Plate

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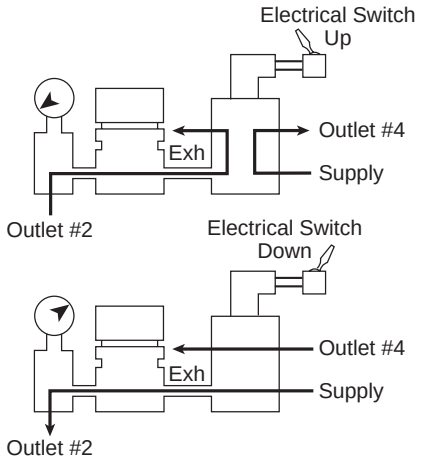
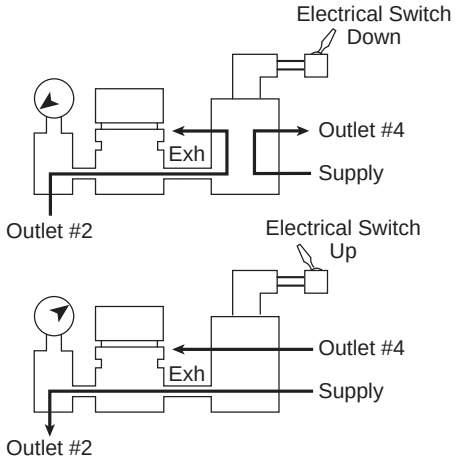
Electrical Switch and Low Temperature Electrical Switch (Raise)



Operation

The operator controls the outlet pressure by using the regulator and the **electrical switch** valve. System pressure, indicated in the illuminated gauge, is set by the pressure regulator. Pressure is increased by turning the knob in a clockwise direction; turning the knob in the opposite direction reduces it. When the **switch** is moved to the DOWN position, pressurized air is supplied to the regulator. Both the **electrical switch** valve and the regulator have exhaust ports, so that moving the **switch** to the UP position causes the system air to be exhausted through both devices.

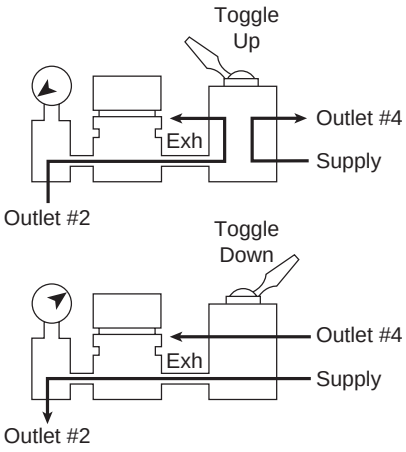
Electrical Switch and Low Temperature Electrical Switch (Lower)



Operation

The operator controls the outlet pressure by using the regulator and the **electrical switch** valve. System pressure, indicated in the illuminated gauge, is set by the pressure regulator. Pressure is increased by turning the knob in a clockwise direction; turning the knob in the opposite direction reduces it. When the **switch** is moved to the UP position, pressurized air is supplied to the regulator. Both the **electrical switch** valve and the regulator have exhaust ports, so that moving the **switch** to the DOWN position causes the system air to be exhausted through both devices.

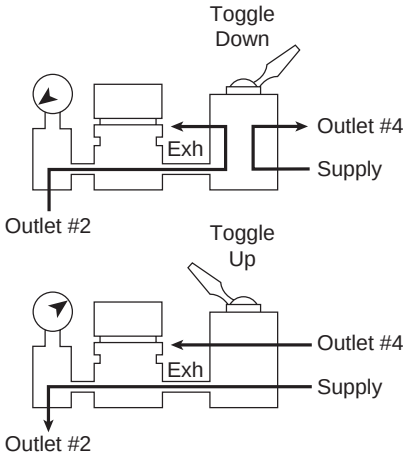
Toggle Valve (Raise)



Operation

The operator controls the outlet pressure by using the regulator and the **toggle** valve. System pressure, indicated in the illuminated gauge, is set by the pressure regulator. Pressure is increased by turning the knob in a clockwise direction; turning the knob in the opposite direction reduces it. When the **toggle** is moved to the DOWN position, pressurized air is supplied to the regulator. Both the **toggle** valve and the regulator have exhaust ports, so that moving the **toggle** to the UP position causes the system air to be exhausted through both devices.

Toggle Valve (Lower)



Operation

The operator controls the outlet pressure by using the regulator and the **toggle** valve. System pressure, indicated in the illuminated gauge, is set by the pressure regulator. Pressure is increased by turning the knob in a clockwise direction; turning the knob in the opposite direction reduces it. When the **toggle** is moved to the UP position, pressurized air is supplied to the regulator. Both the **toggle** valve and the regulator have exhaust ports, so that moving the **toggle** to the DOWN position causes the system air to be exhausted through both devices.

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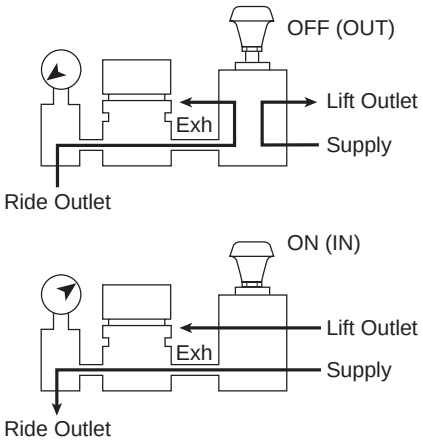
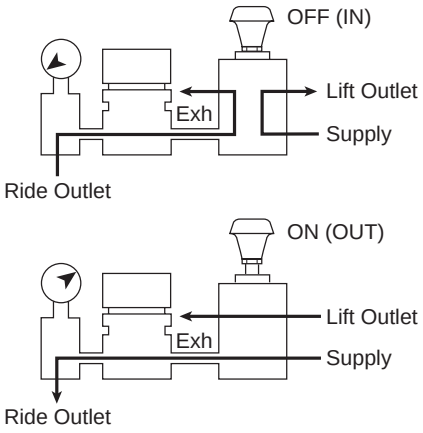
Push-Pull Valve (Raise)



Operation

The operator controls the outlet pressure by using the regulator and the **push-pull** valve. System pressure, indicated in the illuminated gauge, is set by the pressure regulator. Pressure is increased by turning the knob in a clockwise direction; turning the knob in the opposite direction reduces it. When the **push-pull** is pushed in to the ON position, pressurized air is supplied to the regulator. Both the **push-pull** valve and the regulator have exhaust ports, so that pulling the **push-pull** out to the OFF position causes the system air to be exhausted through both devices.

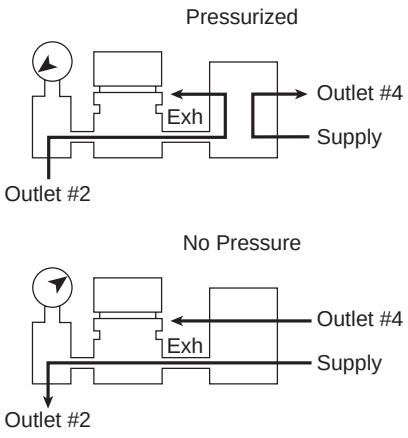
Push-Pull Valve (Lower)



Operation

The operator controls the outlet pressure by using the regulator and the **push-pull** valve. System pressure, indicated in the illuminated gauge, is set by the pressure regulator. Pressure is increased by turning the knob in a clockwise direction; turning the knob in the opposite direction reduces it. When the **push-pull** is pulled out to the ON position, pressurized air is supplied to the regulator. Both the **push-pull** valve and the regulator have exhaust ports, so that pushing the **push-pull** in to the OFF position causes the system air to be exhausted through both devices.

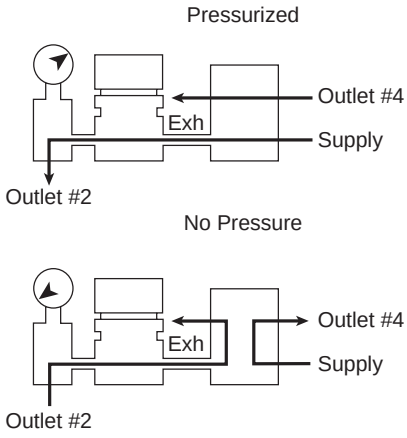
Remote Pilot Valve (Raise)



Operation

The operator controls the outlet pressure by using the regulator and the **remote pilot** valve. System pressure, indicated in the illuminated gauge, is set by the pressure regulator. Pressure is increased by turning the knob in a clockwise direction; turning the knob in the opposite direction reduces it.

Remote Pilot Valve (Lower)



Operation

The operator controls the outlet pressure by using the regulator and the **remote pilot** valve. System pressure, indicated in the illuminated gauge, is set by the pressure regulator. Pressure is increased by turning the knob in a clockwise direction; turning the knob in the opposite direction reduces it.

Most popular.

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