

POLY CONN[®]

Servicing Your Pneumatic Needs For Over 40 Years

STAINLESS STEEL FILTERS, REGULATORS, LUBRICATORS

EMAIL

insidesales@polyconn.com

WEBSITE

www.polyconn.com

QUESTIONS

(763) 559-0388



Features & Specifications for 316 Stainless Steel Air Line Filters

FEATURES

- For high pressure use, corrosion and chemical resistance.
- Good performance in chemically working environments and outdoor facilities.
- Suitable for semi-conductor industry.
- The filter effectively removes water and particles.

USES

- Used to separate dust, dirt, moisture, and other contaminants from the compressed air line.
- Designed with a separator & shield for efficient moisture separation.

SPECIFICATIONS

AMBIENT TEMPERATURE	OPERATING PRESSURE RANGE	FILTER ELEMENT
14°F to 158°F (-10°C - 70°C)	398 PSI (28 kgf/cm ²)	Sintered Bronze 5µm

STAINLESS STEEL AIR LINE FILTERS



Part #	NPT(M)	SCFM	QTY
PC-USF-02N	1/4"	85	1
PC-USF-03N	3/8"	96	1
PC-USF-04N	1/2"	106	1
PC-USF-06N	3/4"	672	1
PC-USF-08N	1"	672	1

Features & Specifications for 316 Stainless Steel Relieving Regulators

FEATURES

- For high pressure use, corrosion and chemical resistance.
- Good performance for outdoor facilities.
- Suitable for semi-conductor industry.
- Accurate and sensitive pressure settings.

USES

- Regulators are used to maintain a steady outlet pressure unaffected by fluctuations.

SPECIFICATIONS

AMBIENT TEMPERATURE	OPERATING PRESSURE RANGE	FILTER ELEMENT
14°F to 158°F (-10°C - 70°C)	398 PSI (28 kgf/cm ²)	Sintered Bronze 5µm

STAINLESS STEEL RELIEVING REGULATORS



Part #	NPT(M)	SCFM	QTY
PC-USR-02N	1/4"	68	1
PC-USR-03N	3/8"	79	1
PC-USR-04N	1/2"	88	1
PC-USR-06N	3/4"	630	1
PC-USR-08N	1"	770	1

*Gauges are BSPP (G) threads

Features & Specifications for 316 Stainless Steel Filter Regulators

FEATURES

- For high pressure use, corrosion and chemical resistance.
- Good performance for outdoor facilities.
- Suitable for semi-conductor industry.

USES

- Used to separate dust, dirt, moisture, and other contaminants from the compressed air line.
- Regulators are used to maintain a steady outlet pressure unaffected by fluctuations.

SPECIFICATIONS

AMBIENT TEMPERATURE	OPERATING PRESSURE RANGE	FILTER ELEMENT
14°F to 158°F (-10°C - 70°C)	398 PSI (28 kgf/cm ²)	Sintered Bronze 5µm

STAINLESS STEEL FILTER REGULATORS



Part #	NPT(M)	SCFM	QTY
PC-USFR-02N	1/4"	77	1
PC-USFR-03N	3/8"	88	1
PC-USFR-04N	1/2"	133	1
PC-USFR-06N	3/4"	595	1
PC-USFR-08N	1"	735	1

*Gauges are BSPP (G) threads

Features & Specifications for 316 Stainless Steel Lubricators

FEATURES

- For high pressure use, corrosion and chemical resistance.
- Good performance in chemically working environments and outdoor facilities.
- Lubricator oil can be replenished without stopping air supply.

USES

- Used to feed lubricants to pneumatic equipment.
- Maintains constant oil to air density over a wide range of flow.

SPECIFICATIONS

AMBIENT TEMPERATURE	OPERATING PRESSURE RANGE	FILTER ELEMENT
14°F to 158°F (-10°C - 70°C)	398 PSI (28 kgf/cm ²)	Sintered Bronze 5µm

STAINLESS STEEL LUBRICATORS



Part #	NPT(M)	SCFM	QTY
PC-USL-02N	1/4"	88	1
PC-USL-03N	3/8"	88	1
PC-USL-04N	1/2"	144	1
PC-USL-06N	3/4"	924	1
PC-USL-08N	1"	924	1

Features & Specifications for 316 Stainless Steel Miniatures

FEATURES

Filter, Regulator, & Lubricator

- For high pressure use, corrosion and chemical resistance.
- Good performance in chemically working environments and outdoor facilities.

Filter & Regulator

- Suitable for semi-conductor industry.

Filter Only

- The filter effectively removes water and particles.

Regulator Only

- Accurate and sensitive pressure settings.

Lubricator Only

- Lubricator oil can be replenished without stopping air supply.

USES

Filter

- Used to separate dust, dirt, moisture, and other contaminants from the compressed air line.
- Designed with a separator & shield for efficient moisture separation.

Regulator

- Regulators are used to maintain a steady outlet pressure unaffected by fluctuations.

Lubricator

- Used to feed lubricants to pneumatic equipment.
- Maintains constant oil to air density over a wide range of flow.

SPECIFICATIONS

AMBIENT TEMPERATURE	OPERATING PRESSURE RANGE	FILTER ELEMENT
14°F to 140°F (-10°C - 60°C)	284 PSI (20 kgf/cm ²)	Sintered Bronze 5µm

STAINLESS STEEL MINIATURES



Part #	Description	NPT(M)	SCFM	QTY
PC-SSFR500-02N	Mini Filter Regulator	1/4"	65	1
PC-SSF200-02N	Mini Filter	1/4"	67	1
PC-SSR200-02N	Mini Regulator	1/4"	65	1
PC-SSL200-02N	Mini Lubricator	1/4"	88	1

*Gauges are BSPP (G) threads

Now that you have your Stainless Steel FRL's,
don't forget your Manifolds & Shut Off Valves!



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**Polyconn[®] the one-stop shop for your
pneumatic needs.**