

PURESTREAM

FRL - AIR PREPARATION



BY JANATICS



ULTIMATE  ENERGY SAVING TECHNOLOGY



PURESTREAM FRL-AIR PREPARATION

Compressed air is an effective and reliable source of power which is used in many operations and processes in industry. However compressed air does have some inherent problems, which if not treated properly in the main pipe system and at point of use, will create significant problems. Use of contaminated compressed air at point of use can result in damage to pneumatic equipment, blocked valves and orifices, spoiled spray paint applications and corroded pipe systems due to moisture.

The compressed air leaving the compressor is hot, dirty, saturated with degraded oil, wet and generally at a higher pressure than the downstream requirements. In order to ensure quality air and required pressure at the point of use, PURESTREAM FRL-AIR PREPARATION products can be utilized downstream of the mainline compressed air purification products and pipe systems offered by CAG PURIFICATION.

The PURESTREAM Filter-Regulator-Lubricator air preparation products are available in a variety of configurations designed to meet the requirements of every customer. PURESTREAM FRL products are constructed in metal and polybowl material and are available from 1/8" NPT to 1" NPT connection sizes.

Air Preparation Unites

JANATICS



Filter

- Sizes, mini, compact, standard, jumbo
- Connection sizes in NPT, 1/8", 1/4", 3/8", 1/2", 3/4", 1"
- Standard filtration grade 5 micron, .01 micron up to 1/2"
- Sintered bronze filter elements down to 5 micron
- Suitable for modular mounting
- Standard press type manual drain
- Optional internal and external auto drains
- Separator and shield for efficient moisture separation
- Standard poly bowl with metal guard
- Metal bowl housings also available
- Variety of accessories available
- Conforms to ISO 5782-1

Regulator

- Sizes, mini, compact, standard, jumbo
- Connection sizes in NPT, 1/8", 1/4", 3/8", 1/2", 3/4", 1"
- Suitable for panel and modular mounting
- Pressure gauge included 0-160 psig
- Non raising "Press to Lock" adjusting knob for locking at any set pressure
- Diaphragm operated, relieving type
- Pressure compensated by balanced poppet
- Flow compensated with a venturi for faster response
- Good flow and regulating characteristics
- Variety of accessories available
- Conforms to ISO 6953-1

Lubricator

- Sizes, mini, compact, standard, jumbo
- Connection sizes in NPT, 1/8", 1/4", 3/8", 1/2", 3/4", 1"
- Suitable for panel and modular mounting
- Fog/Mist type regulator
- Fine adjustment of lubrication
- Standard poly bowl with metal guard
- Lubrication proportional to flow
- Metal bowl housings also available
- Variety of accessories available
- Conforms to ISO 6301-1

WORLD CLASS PNEUMATIC PRODUCTS



FILTER WITH POLY BOWL AND MANUAL DRAIN

MODEL	PIPE SIZE NPT	FLOW RATE SCFM	FILTRATION MICRONS	DRAIN TYPE
F13901	1/8"	29	5 MICRON	MANUAL
F13911	1/4"	29	5 MICRON	MANUAL
F14911	1/4"	80	5 MICRON	MANUAL
F14921	3/8"	80	5 MICRON	MANUAL
F15911	1/4"	124	5 MICRON	MANUAL
F15921	3/8"	124	5 MICRON	MANUAL
F15931	1/2"	124	5 MICRON	MANUAL
F17941	3/4"	177	5 MICRON	MANUAL
F17951	1"	230	5 MICRON	MANUAL

FILTER WITH POLY BOWL AND INTERNAL AUTO DRAIN

MODEL	PIPE SIZE NPT	FLOW RATE SCFM	FILTRATION MICRONS	DRAIN TYPE
F14911-A	1/4"	80	5 MICRON	AUTO
F14921-A	3/8"	80	5 MICRON	AUTO
F15911-A	1/4"	124	5 MICRON	AUTO
F15921-A	3/8"	124	5 MICRON	AUTO
F15931-A	1/2"	124	5 MICRON	AUTO
F17941-A	3/4"	177	5 MICRON	AUTO
F17951-A	1"	230	5 MICRON	AUTO



FILTER WITH METAL BOWL AND INTERNAL AUTO DRAIN

MODEL	PIPE SIZE NPT	FLOW RATE SCFM	FILTRATION MICRONS	DRAIN TYPE
F14911-MA	1/4"	80	5 MICRON	AUTO
F14921-MA	3/8"	80	5 MICRON	AUTO
F15911-MA	1/4"	124	5 MICRON	AUTO
F15921-MA	3/8"	124	5 MICRON	AUTO
F15931-MA	1/2"	124	5 MICRON	AUTO
F17941-MA	3/4"	175	5 MICRON	AUTO
F17951-MA	1"	228	5 MICRON	AUTO

COALESCING FILTER POLY BOWL AND MANUAL DRAIN

MODEL	PIPE SIZE NPT	FLOW RATE SCFM	FILTRATION MICRONS	DRAIN TYPE
FS13902	1/8"	29	.01 MICRON	MANUAL
FS13912	1/4"	29	.01 MICRON	MANUAL
FS15912	1/4"	124	.01 MICRON	MANUAL
FS15922	3/8"	124	.01 MICRON	MANUAL
FS15932	1/2"	124	.01 MICRON	MANUAL



FILTER WITH METAL BOWL AND MANUAL DRAIN

MODEL	PIPE SIZE NPT	FLOW RATE SCFM	FILTRATION MICRONS	DRAIN TYPE
F13901-MM	1/8"	29	5 MICRON	MANUAL
F13911-MM	1/4"	29	5 MICRON	MANUAL
F14911-MM	1/4"	80	5 MICRON	MANUAL
F14921-MM	3/8"	80	5 MICRON	MANUAL
F15911-MM	1/4"	124	5 MICRON	MANUAL
F15921-MM	3/8"	124	5 MICRON	MANUAL
F15931-MM	1/2"	124	5 MICRON	MANUAL
F17941-MM	3/4"	175	5 MICRON	MANUAL
F17951-MM	1"	228	5 MICRON	MANUAL

COALESCING FILTER METAL BOWL AND MANUAL DRAIN

MODEL	PIPE SIZE NPT	FLOW RATE SCFM	FILTRATION MICRONS	DRAIN TYPE
FS13902-MM	1/8"	29	.01 MICRON	MANUAL
FS13912-MM	1/4"	29	.01 MICRON	MANUAL
FS15912-MM	1/4"	124	.01 MICRON	MANUAL
FS15922-MM	3/8"	124	.01 MICRON	MANUAL
FS15932-MM	1/2"	124	.01 MICRON	MANUAL
FS15922-MA	3/8"	124	.01 MICRON	AUTO
FS15932-MA	1/2"	124	.01 MICRON	AUTO
FS17942-MA	3/4"	175	.01 MICRON	AUTO
FS17952-MA	1"	228	.01 MICRON	AUTO



REGULATOR 7-140 PSIG PRESSURE RANGE

MODEL	PIPE SIZE NPT	FLOW RATE SCFM	PRESSURE RANGE(PSIG)	GAUGE
R13904	1/8"	21	7-140	INCLUDED
R13914	1/4"	21	7-140	INCLUDED
R14914	1/4"	88	7-140	INCLUDED
R14924	3/8"	88	7-140	INCLUDED
R15914	1/4"	142	7-140	INCLUDED
R15924	3/8"	142	7-140	INCLUDED
R15934	1/2"	142	7-140	INCLUDED
R17944	3/4"	177	7-140	INCLUDED
R17954	1"	212	7-140	INCLUDED

REGULATOR 7-100 PSIG PRESSURE RANGE

MODEL	PIPE SIZE NPT	FLOW RATE SCFM	PRESSURE RANGE(PSIG)	GAUGE
R13903	1/8"	21	7-100	INCLUDED
R13913	1/4"	21	7-100	INCLUDED
R14913	1/4"	88	7-100	INCLUDED
R14923	3/8"	88	7-100	INCLUDED
R15913	1/4"	142	7-100	INCLUDED
R15923	3/8"	142	7-100	INCLUDED
R15933	1/2"	142	7-100	INCLUDED
R17943	3/4"	177	7-100	INCLUDED
R17953	1"	212	7-100	INCLUDED



REGULATOR 3-57 PSIG PRESSURE RANGE

MODEL	PIPE SIZE NPT	FLOW RATE SCFM	PRESSURE RANGE(PSIG)	GAUGE
R13902	1/8"	21	3-57	INCLUDED
R13912	1/4"	21	3-57	INCLUDED
R14912	1/4"	88	3-57	INCLUDED
R14922	3/8"	88	3-57	INCLUDED
R15912	1/4"	142	3-57	INCLUDED
R15922	3/8"	142	3-57	INCLUDED
R15932	1/2"	142	3-57	INCLUDED
R17942	3/4"	177	3-57	INCLUDED
R17952	1"	212	3-57	INCLUDED

REGULATOR 3-28 PSIG PRESSURE RANGE

MODEL	PIPE SIZE NPT	FLOW RATE SCFM	PRESSURE RANGE(PSIG)	GAUGE
R13901	1/8"	21	3-28	INCLUDED
R13911	1/4"	21	3-28	INCLUDED
R14911	1/4"	88	3-28	INCLUDED
R14921	3/8"	88	3-28	INCLUDED
R15911	1/4"	142	3-28	INCLUDED
R15921	3/8"	142	3-28	INCLUDED
R15931	1/2"	142	3-28	INCLUDED
R17941	3/4"	177	3-28	INCLUDED
R17951	1"	212	3-28	INCLUDED



PURE PNEUMATIC ENERGY

LUBRICATOR WITH POLY BOWL

MODEL	PIPE SIZE NPT	FLOW RATE SCFM	BOWL CAPACITY OUNCES	ADJUSTMENT
L1390	1/8"	48	0.68	MANUAL
L1391	1/4"	48	0.68	MANUAL
L1491	1/4"	106	1.98	MANUAL
L1492	3/8"	106	0.98	MANUAL
L1591	1/4"	200	5.13	MANUAL
L1592	3/8"	200	5.13	MANUAL
L1593	1/2"	200	5.13	MANUAL
L1794	3/4"	255	5.60	MANUAL
L1795	1"	318	5.60	MANUAL



MODULAR FILTER/REGULATOR COMBO W/LUBRICATOR, POLY BOWL

MODEL	PORT SIZE NPT	FLOW RATE SCFM	FILTRATION MICRONS	DRAIN TYPE	GAUGE
FRCLM139014	1/8"	18	5 MICRON	MANUAL	INCLUDED
FRCLM139114	1/4"	18	5 MICRON	MANUAL	INCLUDED
FRCLM149114	1/4"	71	5 MICRON	MANUAL	INCLUDED
FRCLM149214	3/8"	71	5 MICRON	MANUAL	INCLUDED
FRCLM159114	1/4"	124	5 MICRON	MANUAL	INCLUDED
FRCLM159214	3/8"	124	5 MICRON	MANUAL	INCLUDED
FRCLM159314	1/2"	124	5 MICRON	MANUAL	INCLUDED
FRCLM179414	3/4"	177	5 MICRON	MANUAL	INCLUDED
FRCLM179514	1"	230	5 MICRON	MANUAL	INCLUDED



LUBRICATOR WITH METAL BOWL

MODEL	PIPE SIZE NPT	FLOW RATE SCFM	BOWL CAPACITY OUNCES	ADJUSTMENT
L1390-M	1/8"	48	0.68	MANUAL
L1391-M	1/4"	48	0.68	MANUAL
L1491-M	1/4"	106	1.98	MANUAL
L1492-M	3/8"	106	0.98	MANUAL
L1591-M	1/4"	200	5.13	MANUAL
L1592-M	3/8"	200	5.13	MANUAL
L1593-M	1/2"	200	5.13	MANUAL
L1794-M	3/4"	255	5.13	MANUAL
L1795-M	1"	318	5.13	MANUAL



MODULAR FILTER/REGULATOR COMBO W/LUBRICATOR, METAL BOWL

MODEL	PORT SIZE NPT	FLOW RATE SCFM	FILTRATION MICRONS	DRAIN TYPE	GAUGE
FRCLM139014-M	1/8"	18	5 MICRON	MANUAL	INCLUDED
FRCLM139114-M	1/4"	18	5 MICRON	MANUAL	INCLUDED
FRCLM149114-M	1/4"	71	5 MICRON	MANUAL	INCLUDED
FRCLM149214-M	3/8"	71	5 MICRON	MANUAL	INCLUDED
FRCLM159114-M	1/4"	124	5 MICRON	MANUAL	INCLUDED
FRCLM159214-M	3/8"	124	5 MICRON	MANUAL	INCLUDED
FRCLM159314-M	1/2"	124	5 MICRON	MANUAL	INCLUDED
FRCLM179414-M	3/4"	150	5 MICRON	MANUAL	INCLUDED
FRCLM179514-M	1"	194	5 MICRON	MANUAL	INCLUDED



FILTER/REGULATOR COMBO WITH POLY BOWL AND MANUAL DRAIN

MODEL	PIPE SIZE NPT	FLOW RATE SCFM	FILTRATION MICRONS	DRAIN TYPE	GAUGE
FRC139014	1/8"	20	5 MICRON	MANUAL	INCLUDED
FRC139114	1/4"	20	5 MICRON	MANUAL	INCLUDED
FRC149114	1/4"	64	5 MICRON	MANUAL	INCLUDED
FRC149214	3/8"	64	5 MICRON	MANUAL	INCLUDED
FRC159114	1/4"	106	5 MICRON	MANUAL	INCLUDED
FRC159214	3/8"	106	5 MICRON	MANUAL	INCLUDED
FRC159314	1/2"	106	5 MICRON	MANUAL	INCLUDED
FRC179414	3/4"	150	5 MICRON	MANUAL	INCLUDED
FRC179514	1"	194	5 MICRON	MANUAL	INCLUDED



MODULAR FILTER, REGULATOR, LUBRICATOR, POLY BOWL

MODEL	PORT SIZE NPT	FLOW RATE SCFM	FILTRATION MICRONS	DRAIN TYPE	GAUGE
FRLM139014	1/8"	18	5 MICRON	MANUAL	INCLUDED
FRLM139114	1/4"	18	5 MICRON	MANUAL	INCLUDED
FRLM149114	1/4"	71	5 MICRON	MANUAL	INCLUDED
FRLM149214	3/8"	71	5 MICRON	MANUAL	INCLUDED
FRLM159114	1/4"	124	5 MICRON	MANUAL	INCLUDED
FRLM159214	3/8"	124	5 MICRON	MANUAL	INCLUDED
FRLM159314	1/2"	124	5 MICRON	MANUAL	INCLUDED
FRLM179414	3/4"	177	5 MICRON	MANUAL	INCLUDED
FRLM179514	1"	230	5 MICRON	MANUAL	INCLUDED



FILTER/REGULATOR COMBO WITH METAL BOWL AND MANUAL DRAIN

MODEL	PIPE SIZE NPT	FLOW RATE SCFM	FILTRATION MICRONS	DRAIN TYPE	GAUGE
FRC139014-M	1/8"	20	5 MICRON	MANUAL	INCLUDED
FRC139114-M	1/4"	20	5 MICRON	MANUAL	INCLUDED
FRC149114-M	1/4"	64	5 MICRON	MANUAL	INCLUDED
FRC149214-M	3/8"	64	5 MICRON	MANUAL	INCLUDED
FRC159114-M	1/4"	106	5 MICRON	MANUAL	INCLUDED
FRC159214-M	3/8"	106	5 MICRON	MANUAL	INCLUDED
FRC159314-M	1/2"	106	5 MICRON	MANUAL	INCLUDED
FRC179414-M	3/4"	210	5 MICRON	MANUAL	INCLUDED
FRC179514-M	1"	228	5 MICRON	MANUAL	INCLUDED



MODULAR FILTER, REGULATOR, LUBRICATOR, METAL BOWL

MODEL	PORT SIZE NPT	FLOW RATE SCFM	FILTRATION MICRONS	DRAIN TYPE	GAUGE
FRLM139014-M	1/8"	18	5 MICRON	MANUAL	INCLUDED
FRLM139114-M	1/4"	18	5 MICRON	MANUAL	INCLUDED
FRLM149114-M	1/4"	71	5 MICRON	MANUAL	INCLUDED
FRLM149214-M	3/8"	71	5 MICRON	MANUAL	INCLUDED
FRLM159114-M	1/4"	124	5 MICRON	MANUAL	INCLUDED
FRLM159214-M	3/8"	124	5 MICRON	MANUAL	INCLUDED
FRLM159314-M	1/2"	124	5 MICRON	MANUAL	INCLUDED
FRLM179414-M	3/4"	177	5 MICRON	MANUAL	INCLUDED
FRLM179514-M	1"	230	5 MICRON	MANUAL	INCLUDED



FILTER/REGULATOR COMBO WITH POLY BOWL AND AUTO DRAIN

MODEL	PIPE SIZE NPT	FLOW RATE SCFM	FILTRATION MICRONS	DRAIN TYPE	GAUGE
FRC149114-A	1/4"	64	5 MICRON	AUTO	INCLUDED
FRC149214-A	3/8"	64	5 MICRON	AUTO	INCLUDED
FRC159114-A	1/4"	106	5 MICRON	AUTO	INCLUDED
FRC159214-A	3/8"	106	5 MICRON	AUTO	INCLUDED
FRC159314-A	1/2"	106	5 MICRON	AUTO	INCLUDED
FRC179414-A	3/4"	212	5 MICRON	AUTO	INCLUDED
FRC179514-A	1"	214	5 MICRON	AUTO	INCLUDED



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