# AIR PREPARATION UNITS
## FILTERS, LUBRICATORS AND REGULATORS

FRL'S SERIES

*www.hydrorex.com - Houston Texas USA - sales@hydrorex.com - Tel. 832.277.1182*

*Pressure Shop Store*

## FEATURES

- Size from 1/4" up to 1".
- Filter element size up to 5 micron.
- Working pressure up to 200 psi.
- Different configurations available.



## APPLICATIONS

- Industrial pneumatic circuits.
- Laboratories.
- Automotive industry.

## OPERATING SPECIFICATIONS

- The FRL's will reduce the possibility of damage to the pneumatic equipment.
- The FRL's consist of a three components unit. Components can be ordered separately.
- The filter cleans the compressed air of condensation and dirt particles.
- The regulator maintains steady operating pressure, despite fluctuations on the pneumatic line.
- The lubricator adds a precise quantity of oil to the filtered air.
  The oil mist mantains proportional to the air flow, and oil can be added during operation.

| | MODELS | SPECIFICATIONS |
|---|---|---|
| **Low pressure models** | AF, AR, AL, AW, AC | Maximum inlet pressure up to 145 psi (maximum working pressure 120 psi) |
| **High pressure models** | OF, OR, OL, OFR, OU | Maximum inlet pressure up to 235 psi (maximum working pressure 200 psi) |
| **Size** | (AF, AR, AL, AW, AC, OF, OR, OFR and OU-MINI) 2000 - 02 | 1/4" NPT |
| | (AF, AR, AL, AW, AC) 3000 - 03 | 3/8" NPT |
| | (AF, AR, AL, AW, AC and OU-MIDI) 4000 - 04 | 1/2" NPT |
| | (AF, AR, AL, AW, AC) 4000 - 06 | 3/4" NPT |
| | (AF, AR, AL, AW, AC) 5000 - 10 | 1" NPT |
| **Body** | Low pressure models | Aluminum die casting |
| | High pressure models | Zinc die casting |
| **Container material** | All models | Polycarbonate |
| **Ambient temperature** | Low pressure models | 41 - 140 Fahrenheit |
| | High pressure models | 32 - 140 Fahrenheit |
| **Filter element size** | Low pressure models | 25 Micron standard (5 and 50 micron available) |
| | High pressure models | 40 Micron standard (5 micron available) |
| **Standard nominal flow rate (Gallons per min.)** | AC-2000-02 | 132.09 |
| | AC-3000-03 | 528.34 |
| | AC-4000-04 | 1056.69 |
| | AC-4000-06 | 1188.77 |
| | AC-5000-10 | 1320.86 |
| | OU-MINI-NPT | 369.84 |
| | OU-MIDI-NPT | 898.19 |

*** SPECIAL REQUEST**
Please contact factory for special dial artwork and ranges.

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## ORDERING INFORMATION

| | | | |
|---|---|---|---|
| LOW PRESSURE SERIES | **AF** Air Filter<br>**AR** Air Regulator | **AL** Air Lubricator<br>**AW** Air Filter and Regulator | **AC** Three component unit (filter, regulator and lubricator) |
| HIGH PRESSURE SERIES | **OF** Air Filter<br>**OR** Air Regulator | **OL** Air Lubricator<br>**OFR** Air Filter and Regulator | **OU** Three component unit (filter, regulator and lubricator) |
| CONNECTION SIZE (LOW PRESSURE SERIES) | **2000-02** 1/4" NPT<br>**3000-03** 3/8" NPT<br>**4000-04** 1/2" NPT | **4000-06** 3/4" NPT<br>**5000-10** 1" NPT | CONNECTION SIZE (HIGH PRESSURE SERIES) **MINI** 1/4" NPT<br>**MIDI** 1/2" NPT |
| FILTER ELEMENT SIZE (LOW PRESSURE MODELS) | **25 Micron standard** (5 and 50 micron available) | | FILTER ELEMENT SIZE (HIGH PRESSURE MODELS) **40 Micron standard** (5 micron available) |
| ACCESSORIES (LOW PRESSURE SERIES) | **IBRA14** 1/4" Bracket<br>**IBRA38** 3/8" Bracket<br>**IBRA12** 1/2" Bracket<br>**IBRA34** 3/4" Bracket<br>**IBRA100** 1" Bracket | **02D** (Self-draining for 1/4"only)<br>**04D** (Self-draining for 1/2"only)<br>**G1** 160 psi pressure gauge | ACCESSORIES (HIGH PRESSURE SERIES) **IBRA38MINI** 3/8" Bracket<br>**IBRA34MIDI** 3/4" Bracket<br>**G2** 200 psi pressure gauge |
| EXAMPLE | • Select series code ..... AC<br>• Select size ..... 4000-04<br>• Select filter element size ..... 25 Micron<br>• Accessories ..... G1 | | **AC-4000-04-25-G1** |

## OUTLINE DIMENSIONS

LOW PRESSURE - FILTERS

### AF-4 / AF-2000-02




1 | 1.57" (40 mm)
2 | 1.33" (34 mm)
3 | 2" (51 mm)
4 | 0.39" (10 mm)

### AF-6 / AF-3000-03




1 | 2.04" (52 mm)
2 | 1.61" (41 mm)
3 | 2.87" (73 mm)
4 | 0.70" (18 mm)

### AF-8 / AF-4000-04




1 | 2.75" (70 mm)
2 | 2.04" (52 mm)
3 | 3.81" (97 mm)
4 | 0.66" (17 mm)

### AF-12 / AF-4000-06




1 | 2.95" (75 mm)
2 | 2.20" (56 mm)
3 | 3.77" (96 mm)
4 | 0.70" (18 mm)

### AF-16 / AF-5000-10




1 | 3.50" (89 mm)
2 | 2.75" (70 mm)
3 | 2.36" (60 mm)
4 | 3.77" (96 mm)
5 | 0.66" (17 mm)

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# AIR PREPARATION UNITS

## FILTERS, LUBRICATORS AND REGULATORS

### LOW PRESSURE - REGULATORS

#### AR-4 / AR-2000-02




1 | 1.10" (28 mm)
2 | 1.88" (48 mm)
3 | 1.61" (41 mm)
4 | 1.49" (38 mm)

#### AR-6 / AR-3000-03




1 | 1.45" (37 mm)
2 | 2.16" (55 mm)
3 | 2.55" (65 mm)
4 | 2" (51 mm)

#### AR-8 / AR-4000-04



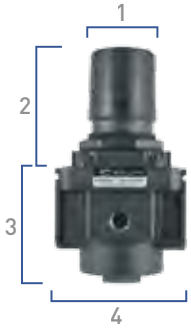

1 | 1.81" (46 mm)
2 | 2.83" (72 mm)
3 | 2.87" (73 mm)
4 | 2.63" (67 mm)

#### AR-12 / AR-4000-06




1 | 1.77" (45 mm)
2 | 2.79" (71 mm)
3 | 3.03" (77 mm)
4 | 2.91" (74 mm)

#### AR-16 / AR-5000-10




1 | 1.81" (46 mm)
2 | 3.22" (82 mm)
3 | 3.54" (90 mm)
4 | 3.46" (88 mm)

### LOW PRESSURE - LUBRICATORS

#### AL-4 / AL-2000-02



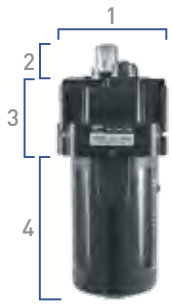

1 | 1.53" (39 mm)
2 | 1.69" (43 mm)
3 | 2.44" (62 mm)
4 | 0.82" (21 mm)

#### AL-6 / AL-3000-03



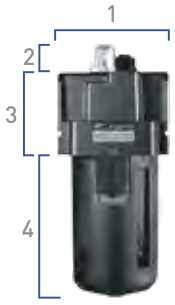

1 | 1.02" (26 mm)
2 | 1.57" (40 mm)
3 | 2.91" (74 mm)
4 | 2" (51 mm)

#### AL-8 / AL-4000-04




1 | 2.59" (66 mm)
2 | 0.90" (23 mm)
3 | 2" (51 mm)
4 | 3.85" (98 mm)

#### AL-12 / AL-4000-06




1 | 2.79" (71 mm)
2 | 0.74" (19 mm)
3 | 2.20" (56 mm)
4 | 3.85" (98 mm)

#### AL-16 / AL-5000-10




1 | 3.54" (90 mm)
2 | 5.66" (144 mm)
3 | 3.85" (98 mm)
4 | 2.12" (54 mm)


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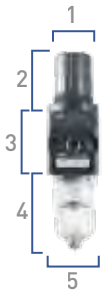
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## FILTERS, LUBRICATORS AND REGULATORS

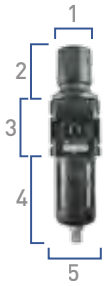
### LOW PRESSURE - REGULATOR FILTER

#### AFR-4 / AW-2000-02



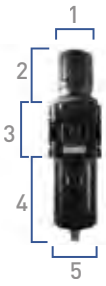

| | |
|---|---|
| 1 | 1.10" (28 mm) |
| 2 | 1.85" (47 mm) |
| 3 | 1.88" (48 mm) |
| 4 | 2.40" (61 mm) |
| 5 | 1.57" (40 mm) |

#### AFR-6 / AW-3000-03




| | |
|---|---|
| 1 | 1.25" (32 mm) |
| 2 | 2.20" (56 mm) |
| 3 | 2.32" (59 mm) |
| 4 | 3.54" (90 mm) |
| 5 | 2.04" (52 mm) |

#### AFR-8 / AW-4000-04



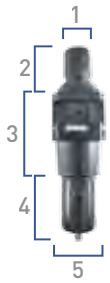

| | |
|---|---|
| 1 | 1.77" (45 mm) |
| 2 | 2.75" (70 mm) |
| 3 | 2.71" (69 mm) |
| 4 | 4.44" (113 mm) |
| 5 | 2.83" (72 mm) |

#### ARF-12 / AW-4000-06




| | |
|---|---|
| 1 | 1.77" (45 mm) |
| 2 | 2.79" (71 mm) |
| 3 | 2.87" (73 mm) |
| 4 | 4.40" (112 mm) |
| 5 | 2.83" (72 mm) |

#### ARF-16 / AW-5000-10




| | |
|---|---|
| 1 | 1.77" (45 mm) |
| 2 | 3.22" (82 mm) |
| 3 | 5.43" (138 mm) |
| 4 | 4.37" (111 mm) |
| 5 | 2.08" (53 mm) |

### LOW PRESSURE - AIR PREPARATION UNITS

#### AFRL-4 / AC-2000-02




| | |
|---|---|
| 1 | 5.35" (136 mm) |
| 2 | 4.76" (121 mm) |

#### AFRL-6 / AC-3000-03




| | |
|---|---|
| 1 | 7.20" (183 mm) |
| 2 | 6.18" (157 mm) |

#### AFRL-8 / AC-4000-04




| | |
|---|---|
| 1 | 9.76" (248 mm) |
| 2 | 7.20" (183 mm) |

#### AFRL-12 / AC-4000-06




| | |
|---|---|
| 1 | 10.07" (256 mm) |
| 2 | 7.63" (194 mm) |

#### QFRL-16 / AC-5000-10



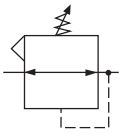

| | |
|---|---|
| 1 | 12.08" (307 mm) |
| 2 | 10.82" (275 mm) |


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# Dial-Air™ Regulator R21

= "Most Popular"



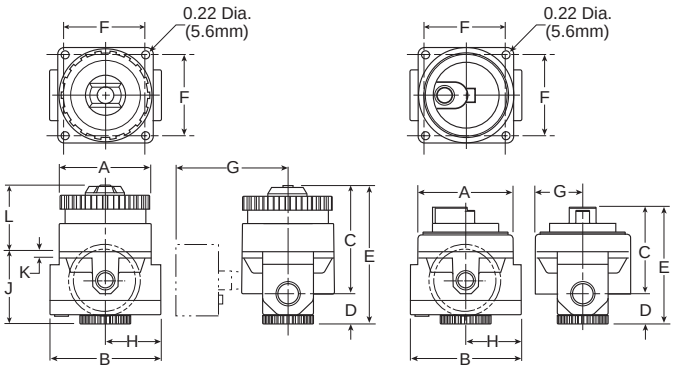
Relieving



**R21-02-000**

## Features

- Balanced Valve Design
- Non-Rising Pressure Adjusting Dial
- High-Relief Flow (3/16" Relief Orifice)
- Two 1/4" NPT Gauge Ports, Usually Used for Additional Outlets
- Piston Operated




**Remote Operated**

**NOTE:** Panel mounting requires (2) 11/16" (69mm) diameter holes and (4) 7/32" (5.5mm) screw holes. Unit can be mounted on material up to 1-1/4" (32mm) thick.

## Specifications

| | | |
|---|---|---|
| Flow Capacity* | 1/4 | 117 SCFM (55 $dm^3/s$) |
| | 3/8 | 180 SCFM (85 $dm^3/s$) |
| | 1/2 | 195 SCFM (92 $dm^3/s$) |
| | 3/4 | 220 SCFM (103 $dm^3/s$) |
| Adjusting Range Pressure | | 0 to 40 PSIG (0 to 2.8 bar)<br>0 to 160 PSIG (0 to 11 bar) |
| Bleed Rate | | 0.05 SCFM (0.024 $dm^3/s$) |
| Gauge Port (2 ea.) | NPT / BSPT-Rc | 1/4 |
| Maximum Supply Pressure | | 300 PSIG (20.7 bar) |
| Operating Temperature | | 32° to 150°F (0° to 65.5°C) |
| Port Size | NPT / BSPP-G | 1/4, 3/8, 1/2, 3/4 |
| Remote Pilot Port Size | | 1/4 |
| Weight | lb. (kg) | 2.3 (1.04) |

* Inlet pressure 100 PSIG (6.9 bar). Secondary pressure (1/4, 1/2 & 3/4) 90 PSIG (6.2 bar); (3/8) 80 PSIG (5.5 bar).

## Materials of Construction

| | |
|---|---|
| Body | Zinc |
| Bonnet | Zinc / Brass |
| Piston | Acetal |
| Seals | Nitrile |
| Springs | Steel |
| Valve Assembly | Brass / Nitrile / Acetal |

**⚠ WARNING**

**Product rupture can cause serious injury.**
**Do not connect regulator to bottled gas.**
**Do not exceed maximum primary pressure rating.**

## CAUTION:

**REGULATOR PRESSURE ADJUSTMENT –** The working range of knob adjustment is designed to permit outlet pressures within their full range. Pressure adjustment beyond this range is also possible because the knob is not a limiting device. This is a common characteristic of most industrial regulators, and limiting devices may be obtained only by special design.

For best performance, regulated pressure should always be set by increasing the pressure up to the desired setting.

## Dimensions

| Models (Inches (mm)) | A | B | C | D | E | F | G | H | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Standard Unit<br>R21-XX-000 | 2.60<br>(66) | 3.19<br>(81) | 3.14<br>(79.8) | .95<br>(24) | 4.09<br>(104) | 2.20<br>(55.9) | —<br>— | 1.61<br>(41) | 2.08<br>(52.8) | .18<br>(4.6) | 2.07<br>(52.6) |
| With Gauge (order separately)<br>R21-XX-XXX | 2.60<br>(66) | 3.19<br>(81) | 3.14<br>(79.8) | .95<br>(24) | 4.09<br>(104) | 2.20<br>(55.9) | 2.70<br>(68.5) | 1.61<br>(41) | 2.08<br>(52.8) | .18<br>(4.6) | 2.07<br>(52.6) |
| Remote Operated<br>R21-XX-R00 | 2.60<br>(66) | 3.19<br>(81) | 2.24<br>(56.9) | .95<br>(24) | 3.19<br>(81) | 2.20<br>(55.9) | 1.33<br>(33.8) | 1.61<br>(41) | 2.08<br>(52.8) | .18<br>(4.6) | 1.11<br>(28.2) |

= "Most Popular"

## Replacement Kits

Adjustment Dial Knob ..... RRP-16-024-000

Conversion Kit (Series A to Series B) ..... RRP-95-766

Cover Kit (Remote) –
Bonnet and Nitrile, O-ring (Series B) ..... RRP-95-910
Bonnet and Fluorocarbon, O-ring (Series B) ..... RRP-95-911

O-ring, Repair Kit ..... GRP-95-260

Piston, Bottom and O-ring Seal ..... RRP-95-192

Spring, Regulating, Belleville Washer –
2 to 40 PSIG (0.1 to 3 bar) ..... RRP-95-906
5 to 160 PSIG (0.4 to 11 bar) ..... RRP-95-905

Valve, Main with U-cup Seal ..... RRP-95-151

Valve, Main with U-cup Seal and Bottom Plug –
Nitrile Elastomers ..... RRP-95-914
Fluorocarbon Elastomers ..... RRP-95-915

Valve, Main (Remote) with U-cup Seal ..... RRP-96-952

Valve, Main (Remote) with U-cup Seal and Bottom Plug –
Nitrile Elastomers) ..... RRP-95-912
Fluorocarbon Elastomers ..... RRP-95-913

Valve, Pilot with O-ring and Valve Spring ..... RRP-96-934

## Accessories

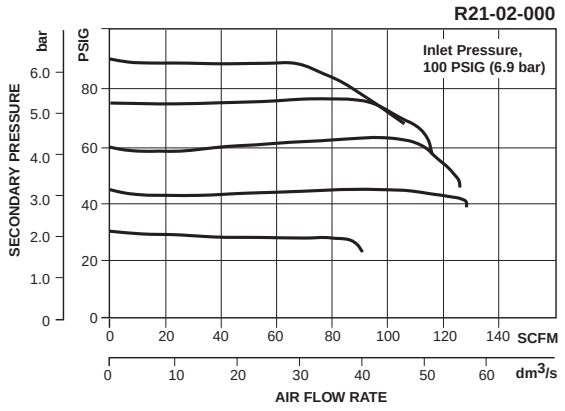
Wall Mounting Bracket, Gauge Port Adapter,
1/4" NPT ..... RRP-95-590

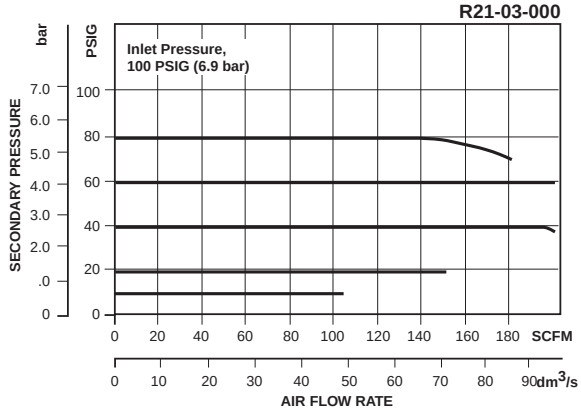
Gauge, Pressure –
0 to 60 PSIG (0 to 4 bar), 2" Dial Face,
1/4" NPT, CBM ..... K4520N14060

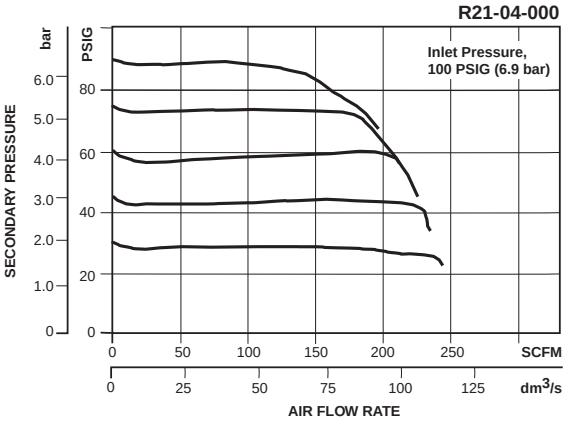
0 to 160 PSIG (0 to 11 bar), 2" Dial Face,
1/4" NPT, CBM ..... K4520N14160

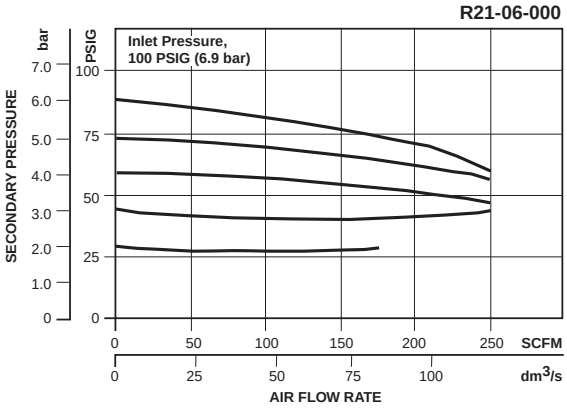
0 to 160 PSIG, 1-3/4" Digital Round,
1/4" NPT ..... K4517N14160D

Tamper Resistant Kit ..... RRP-95-585




## Ordering Information

| Model Type | Port Size | High Flow 5 to 160 PSIG (0.4 to 11 bar) | Low Pressure 2 to 40 PSIG (0.1 to 3 bar) | Remote 5 to 160 PSIG (0.4 to 11 bar) |
|---|---|---|---|---|
| Relieving | 1/4 | R21-02-000 | R21-02-L00 | R21-02-R00 |
| | 3/8 | R21-03-000 | R21-03-L00 | R21-03-R00 |
| | 1/2 | R21-04-000 | R21-04-L00 | R21-04-R00 |
| | 3/4 | R21-06-000 | R21-06-L00 | R21-06-R00 |

Options - To order an option supplied with the unit model, add the appropriate coded suffix letter in the designated position of the model number.

HYDROREX

Parker

# IR4000 Series

## Single-Stage, General Purpose Gases-Nitrogen Pressure Regulator

Internal Threadless • Stainless Steel



## Value Proposition:

The IR4000 Series regulator offers high pressure capability with an inlet pressure up to 4,000 psig. Its large, convoluted Hastelloy® C-22 diaphragm provides stable pressure control and corrosion resistance. Close tolerances and tight alignment of moving components minimize hysteresis and improve cycle life.

## Product Features:

- Unique compression member loads the seal to the body without requiring a threaded nozzle or additional seals
- Internally threadless design reduces particle generation; low internal volume reduces purge times
- Positive upward and downward stops increase cycle life by preventing over stroking of the diaphragm
- Selection of seat materials for media compatibility and temperature applications

## Specifications:

| Functional Performance | |
|---|---|
| **Design** | |
| Burst Pressure | 12,000 psig (828 barg) |
| Proof Pressure | 6,000 psig (414 barg) |
| **Flow Capacity** | |
| $C_V$ Options | $C_V$ 0.06 (std), $C_V$ 0.02, $C_V$ 0.15 |
| **Leak Rate:** Internal | Bubble Tight |
| **Leak Rate:** External | Bubble Tight |
| **Supply Pressure Effect** | Based upon $C_V$ Option |
| 0.02 $C_V$ | 0.23 psig/100 psig (0.016 barg/7 barg) |
| 0.06 $C_V$ | 0.6 psig/100 psig (0.04 barg/7 barg) |
| 0.15 $C_V$ | 1.5 psig/100 psig (0.1 barg/7 barg) |
| **Internal Volume** | 40cc without fittings |
| **Approximate Weight** | 1.5 lbs. (0.7 kg) |
| Operating Conditions | |
| Maximum Inlet | Refer to Range Table for specific information |
| Outlet Options | 0 - 10 psig (.7 barg), 1-30 psig (2 barg)<br>2 - 60 psig (4 barg), 3-100 psig (7 barg)<br>10-250 psig (17 barg)<br>20 - 500 psig (35 barg) |
| **Temperature** | Metal Knob required for temperature above 150°F |
| PCTFE | -40°F to 150°F (-40°C to 66°C) |
| PEEK™ | -40°F to 275°F (-40°C to 135°C) |
| Vespel® | -40°F to 500°F (-40°C to 260°C) |
| Self-Relieving Option | -40°F to 150°F (-40°C to 66°C) |

| Material of Construction | |
|---|---|
| Wetted | |
| Body Options | 316L Stainless Steel (std). (Contact Factory for Alloyed body material availability) |
| Compression Member | Inconel® 625 |
| Diaphragm | Hastelloy® C-22 |
| Poppet | Hastelloy® C-22 |
| Poppet Spring | Inconel® X750 |
| Seat Options | PCTFE (std) Vespel® or PEEK™ |
| Carrier Options | 316L Stainless Steel (std) or Hastelloy® C-22 |
| Washer Backup Options | 316L Stainless Steel (std) or Hastelloy® C-22 |
| O-Ring Backup Options | FKM (std) or PTFE |
| Inlet Screen/Filter | 316 Stainless Steel (std) (60µm mesh screen, 10µm filter) (Contact Factory for Alloyed body material availability) |
| Self Relieving Seat | PEEK™ |
| Non-Wetted | |
| Cap Options | Nickel Plated Brass or Stainless Steel |
| Nut | 316L Stainless Steel |
| Knob Options | ABS (std) (ambient temperature) or Aluminum |

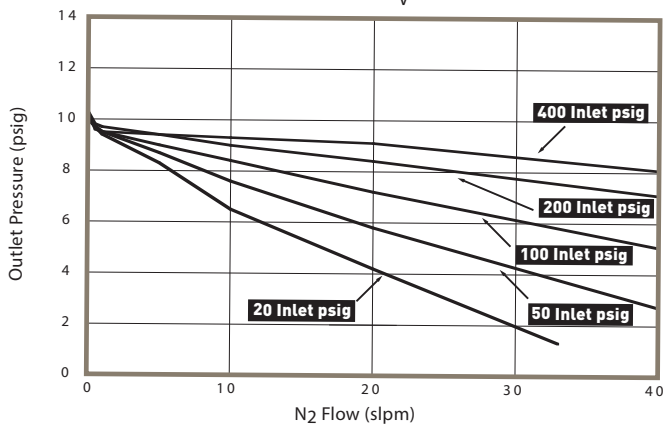
For additional information on materials of construction, functional performance and operating conditions, please contact factory.

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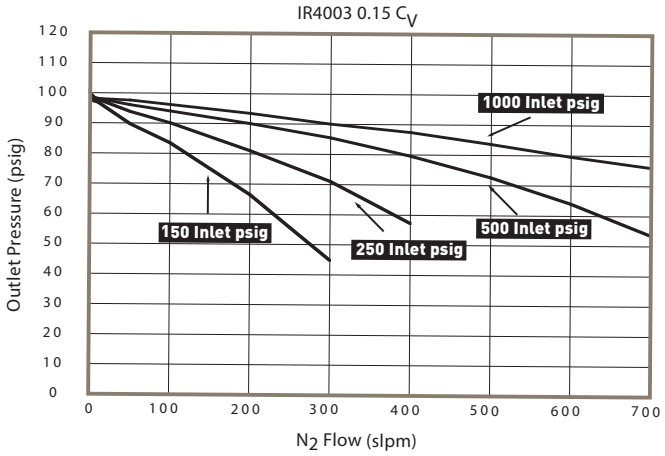
# IR4000 Series

## Flow Curve:

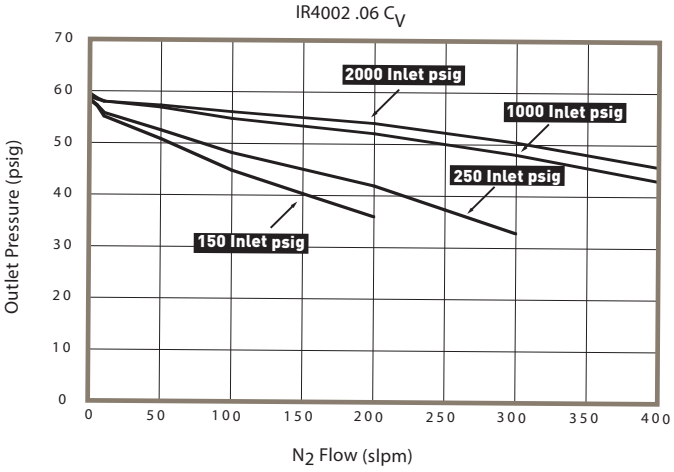
IR4000 .06 $C_V$




IR4003 0.15 $C_V$




IR4002 .06 $C_V$



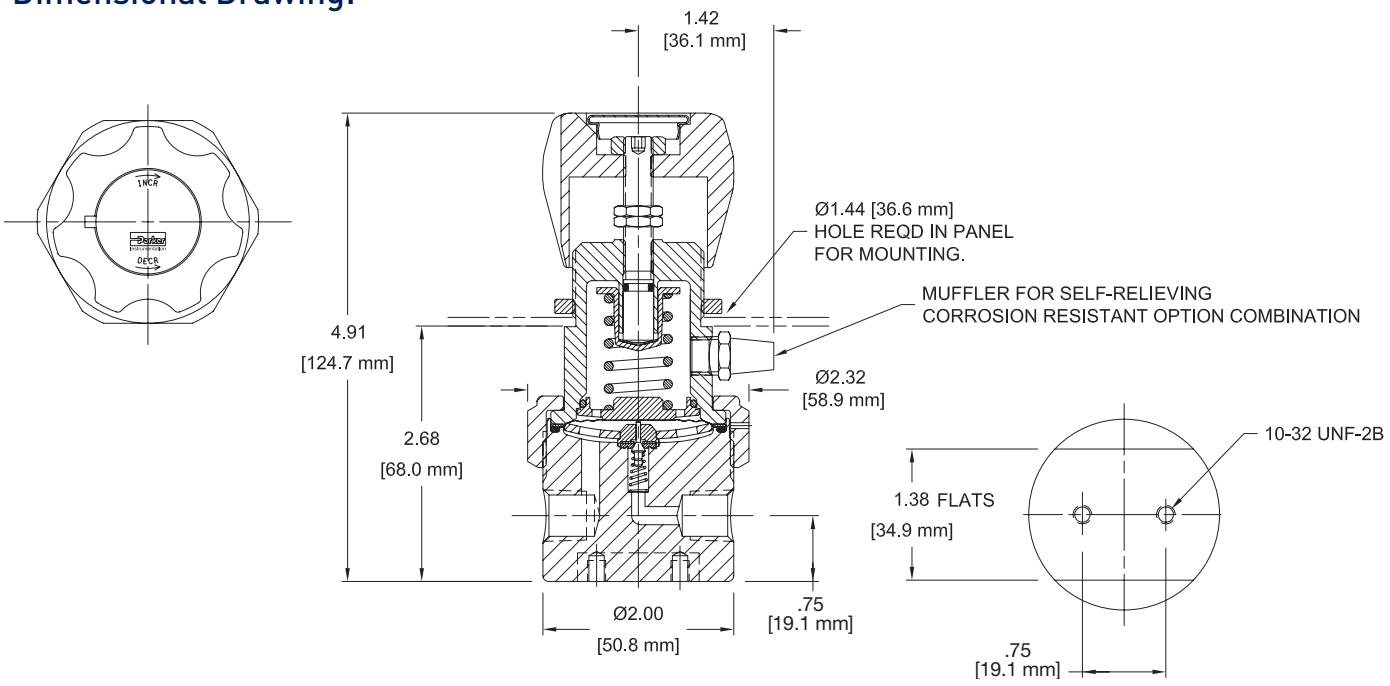

| RANGE TABLE | | | |
|---|---|---|---|
| Basic Model | Maximum Inlet PSIG | | |
| | 0.02 Cv | 0.06 Cv | 0.15 Cv |
| IR4000 | 400 | 400 | 400 |
| IR4001 | 4,000 | 4,000 | 1,250 |
| IR4002 | 4,000 | 4,000 | 1,250 |
| IR4003 | 4,000 | 4,000 | 1,250* |
| IR4004 | 4,000 | 4,000 | 1,250 |
| IR4005 | 4,000 | 4,000 | 1,250 |

*1,250 max. pressure for PEEK and Vespel seats

When setting the delivery pressure, ensure that the maximum outlet pressure of the regulator is not exceeded for any operating condition including increases in delivery pressure due to flow shutoff and supply pressure effect. Supply pressure effect will result in a significant rise in outlet pressure as the inlet pressure decreases.

The stop settings will be adjusted to accommodate typical inlet and outlet pressure ranges. Please contact the factory if specific stop settings are required.

## Dimensional Drawing:



# IR4000 Series

## Ordering Information:

**Building a Part Number: *Example:* IR4002SK4P01304B**

| Example Part Number: | IR40 | 02 | S | | K | 4P | 01 | 30 | 4 | B | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ordering Parameters/Options: | Regulator | Basic Series | Body Material | Flow Capacity | Seat Material | Porting | Outlet Gauge | Inlet Gauge | Port Style | Port Mounting | Optional Features |
| Table Reference: (see below) | A | B | C | D | E | F | G | H | I | J | K |

| A - Regulator | |
|---|---|
| IR40 | IR4000 Series Regulator |

| B - Basic Series (Range / Outlet Gauge) | |
|---|---|
| 00 | 0-10 psig / 0-30 psig |
| 01 | 1-30 psig / 0-60 psig |
| 02 | 2-60 psig / 0-100 psig |
| 03 | 3-100 psig / 0-200 psig |
| 04 | 10-250 psig / 0-400 psig |
| 05 | 20-500 psig / 0-600 psig |

| C - Body Material (1) | |
|---|---|
| S | 316L Stainless Steel (Consult factory for Alloy Material options and availability) |

| D - Flow Capacity | |
|---|---|
| | 0.06 $C_V$ (std) |
| 1 | 0.02 $C_V$ |
| 2 | 0.15 $C_V$ |

| E - Seat Material | |
|---|---|
| K | PCTFE |
| P | PEEK™ |
| V | Vespel® |

| F - Porting | |
|---|---|
| 2P | 2 Ports (No X required for gauges, inlet and outlet ports only) |
| 3P | 3 Ports (One X for gauge ports) |
| 4P | 4 Ports (Two X for gauge ports) |
| 4PB | 4 Ports (One X for gauge ports) |
| 5P | 5 Ports (Two X for gauge ports) |

Note: Ports may be plugged for NPT threaded product.

| G - Outlet Gauge / Basic Series | |
|---|---|
| 03 | 0-30 psig / IR4000 |
| OL | 0-60 psig / IR4001 |
| 01 | 0-100 psig / IR4002 |
| 2 | 0-200 psig / IR4003 |
| 4 | 0-400 psig / IR4004 |
| 6 | 0-600 psig / IR4005 |
| X | No Gauge |

| H - Inlet Gauge | |
|---|---|
| X | No Gauge |
| 30 | 3,000 psig (std) |
| 4 | 400 psig (with 10 psig range) |

| I - Port Style | |
|---|---|
| 4 | 1/4" NPT Female (All Gauges ports are 1/4" NPT Female) |

| J - Port Mounting | |
|---|---|
| B | 0.75 (19.1 mm) port height with 0.75 (19.1 mm) mounting (std) |

| K - Optional Features (This section can have multiple options) | |
|---|---|
| C | Corrosion Resistant External (Stainless Steel Cap) |
| G | Tamper Proof (Not available with D or M option) |
| M | Metal Knob (Black: Not available with D or G option, required for temps. above 150° F) |
| L | PTFE Backup O-Ring (PCTFE and PEEK™ Seats only) |
| S | Self Relieving (Temperature rating -40°F to 150°F (-40°C to 66°C)) |

**Note:**

**Panel Mount Option**: Order Panel Mount Nut Ring (PN: IR4-Panel-Nut-B-NP) as separate line item
**Vent Muffler Option**: Vent Muffler (PN: Muffler-2F-Bronze) as separate line item.
Vent Muffler is standard for the Self Relieving (S), Corrosion Resistant (C) option combination.

**Parker Instrumentation Products Division reserves the right to plug NPT ports**

# PVC Air Hoses – 25ft & 50ft

## 0-300 Psi Working Pressure



Heavy-duty reinforced PVC with 1/4" NPT fittings.

- Non-marking, oil-resistant cover.
- Handles temperatures from 0°F to 130°F.
- Use with Air Compressors.

| MODEL No. | DESCRIPTION | PORTS: | COLOR | INSIDE DIAM. | LENGTH | WORKING PSI |
|---|---|---|---|---|---|---|
| H25-300-4MNPT | PVC Air Hose | 1/4 Male NPT | Blue | 3/8" | 25ft | 300 Psi |
| H50-300-4MNPT | PVC Air Hose | 1/4 Male NPT | Blue | 3/8" | 50ft | 300 Psi |



**Nipple**
1/4" Male NPT
**AIR-N-4MNPT**



**Nipple**
1/4" Female NPT
**AIR-N-4FNPT**



**Coupler**
1/4" Male NPT
**AIR-C-4MNPT**



**Coupler**
1/4" Female NPT
**AIR-C-4FNPT**



**SET**
1/4" NPT Male & Female
**QD-SET-4NPT**