KINCROME
PROFESSIONAL QUALITY TOOLS

INDUSTRIAL 1/2" AIR REGULATOR

- 2 YEAR WARRANTY
- 3000 LPM FLOW RATE
- 1/2" IN/OUTLET
- BRONZE FILTER



K13352
ED1 December 15

INDUSTRIAL 1/2" AIR REGULATOR

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Know your product

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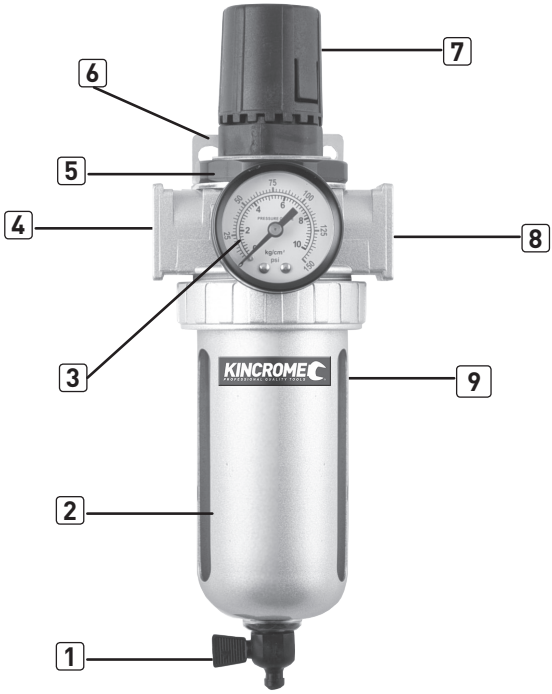
2. Fluid Reservoir
3. Pressure Gauge
4. Inlet Port (1/2")
5. Retaining Nut
6. Mounting Bracket
7. Adjustable Pressure Knob
8. Outlet Port (1/2")
9. Bronze Filter



Model No: K13352
Description: ..... Industrial 1/2" Air Regulator
Max Input Pressure (psi) ..... 215 psi
Max Output Pressure (psi) ..... 7 ~ 150 psi
Max Flow Rate (l/min) ..... 3000 (l/min)
Air Inlet: ..... 1/2"
Air Outlet: ..... 1/2"
Operating Temperature ..... 5 °C - 60 °C
Weight: ..... 0.8 kg

1) Service

a. Tool service must be performed only by qualified repair personnel.

b. When servicing the Air Regulator, use only identical replacement parts. Use only authorized parts.

c. Use only the lubricants specified by the manufacturer.

2) Safety Warnings

WARNING! This product is specifically designed for compressed air service ONLY. Use with any other material (liquid or gas) is a misuse of the product and not permitted.

Use with hazardous liquids or gases (such as oxygen, alcohol or liquid petroleum gas) will harm the regulator and may result in an explosion. Misuse will void all warranties and manufacturer's responsibilities.

Note: This Industrial 1/2" Air Regulator is a part of a high pressure system and the following safety precautions must be followed at all times along with any other existing safety rules. Read this instruction manual before installing this device to the air supply system. Be thoroughly familiar with the controls and the proper use of the equipment.

a. Safety glasses must be worn during operation.

b. Always work in a well ventilated area.

c. Do not exceed any pressure rating of any component in the system.

d. Protect air lines from damage and/or punctures.

e. Check air hoses for weak or worn condition before each use. Make sure all connections are secure.

f. Keep all nuts, bolts and screws tight and ensure equipment is in safe working condition.

g. Refer to compressors instruction manual for additional safety instructions and advise.

3) Unpacking

1. After unpacking the Kincrome Industrial 1/2" Air Regulator, carefully inspect the unit for any damage that may have occurred during transit, check for loose, missing or damaged parts.

Note: Make sure all fittings, bolts, bowls etc are tightened before putting the regulator into service.

2. Ensure all packaging materials are disposed of as per your local council guide lines.

4) Assembly

Assembling the Mounting Bracket to the Air Regulator

1. Remove the retaining nut (5) from the Industrial 1/2" Air Regulator, by turning it anti-clockwise.
2. Once the retaining nut (5) has been removed, feed the mounting bracket (6) over the air regulator knob (7).

Note: The mounting bracket (6) should point towards the roof.

3. Secure the mounting bracket (6) to the Industrial 1/2" Air Regulator by refeeding the retaining nut (5) over the air regulator knob (7) and turn clockwise.

Assembling the Pressure Gauge to the Air Regulator

1. Remove the pressure gauge (3) from its packaging and apply Teflon Tape to the thread of the pressure gauge (3), to assist in a leak free seal.
2. Catch the thread of the pressure gauge (3) to the 1/8" BSP located on the front face of the Industrial 1/2" Air Regulator, and turn clockwise.

4) Assembly Cont.

Connecting the Air Regulator to the Compressor

Note: It is recommended that Teflon tape is used on the fitting (eg. Nitto Style fitting) to reduce the risk of any air leaks.

1. The first thing to consider during installation of the Industrial 1/2" Air Regulator is location. It is important to locate the unit so that it is easily accessible and so that the gauge can be easily read.
2. Ensure your air compressor is turned off and unplugged from mains power.
3. Gather your fittings (eg. Nitto Style) and wrap teflon tape around the thread. Then thread the fitting into the inlet port (4) and outlet port (8) of the Industrial 1/2" Air Regulator.
4. Install the Kincrome Industrial 1/2" Air Regulator to the air outlet of the air compressor vertically with the bowl facing down.

Caution: Make sure the air flow port marked "IN" is connected to the air compressor outlet and the airflow port marked "OUT" is connected to the tool/hose.

Note: The Industrial 1/2" Air Regulator should be positioned as close as possible to the air compressor, to reduce the risk of accidental damage.

5) Operation

To Increase and Decrease the Regulators Pressure

Note: Ensure the drian tap (1) is in the "△" position, while the compressor is running.

1. Before turning on the air compressor, make sure that the Industrial 1/2" Air Regulator is correctly installed to the air compressor and the fluid reservoir (2) is securely fastened in place by hand tightening the fluid reservoir (2) (clockwise direction), **DO NOT** over tighten.
2. Pull up the Industrial 1/2" Air Regulators adjustable pressure knob (7) to unlock.
3. Turn the Industrial 1/2" Air Regulator adjusting pressure knob (7) , anti-clockwise until it will not turn any more (no load on the air regulating spring).
4. Turn on the air compressor and turn the 1/2" Air Regulators adjusting pressure knob (7) clockwise, until the desired outlet pressure is obtained.
5. Push down the regulator adjusting knob (7) towards to lock in the desired pressure range (eg. 90psi).

6)Maintenance, Drainage & Storage

Maintenance

1. Inspect and replace cracked, damaged or deteriorated parts.
2. Wipe fluid reservoir (2) with a soft dry cloth, to clean.
3. Replace the air bronze filter (9), when it is dirty, or if the air filters effect decreases significantly.
4. For optimum performance, drain the fluid reservoir (2) daily. To avoid spray and spillage, cover the bottom of the Industrial 1/2" Air Regulator with a cloth and turn the drain tap (1) located on the bottom of the Industrial 1/2" Air Regulator.

Drainage

Caution: The built up moisture will discharge from the bottom of the drain tap, please drain in an appropriate area, be mindful or slippery surfaces and maintain a safe working environment.

Caution: Keep the Air Regulator out of direct sunlight, hot areas and hazardous chemicals.

Note: When the water level exceeds the max drain level, drain off immediately to keep optimal dehumidification.

1. To drain the Industrial 1/2" Air Regulator of built up moisture, you must drain the fluid reservoir (2) manually, via the drain tap (1) located on the bottom of the Industrial 1/2" Air Regulator.
2. It is recommended to drain the Industrial 1/2" Air Regualtor while the compressor is running and is fully pressurised.
3. When water exceeds the max drain level, turn the drain tap (1) to "▽" to manually drain the built up moisture.
4. Once the water has been drained, turn the drain tap (1) to " △", to close the drain tap (1).

Storage

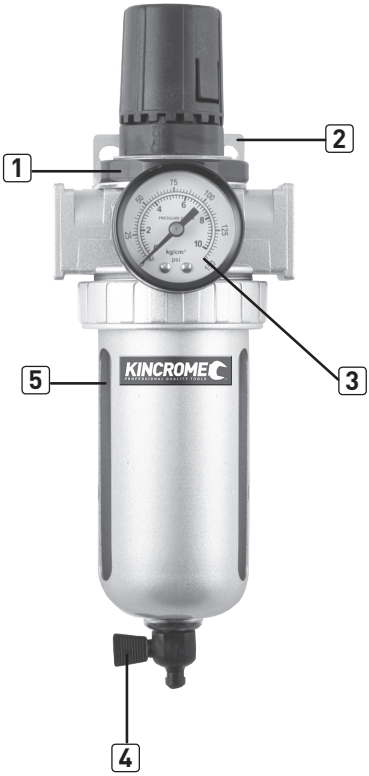
1. Avoid storing the tool in a location subject to high humidity. If the tool is left as it is used, the residual moisture inside the tool can cause rust. Before storing and after operation, oil the tool and run it for a short time.
2. Regular inspection should be carried out of unit to ensure it is safe to operate.

7) Warranty

Warranty given by Kincrome Australia Pty Ltd of 3 Lakeview Drive, Caribbean Park, Scoresby, Victoria (Tel 1300 657 528).

The applicable warranty period (24 months) commences on the date that the product is purchased. If this product has materials or workmanship defects (other than defects caused by abnormal or non warranted use) you can, at your cost, send the product to place of purchase, an authorised Kincrome service agent or one of Kincromes addresses for repair or replacement. Your rights under this warranty are in addition to any other rights you have under the Australian Consumer Law or other applicable laws. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. For further details please visit www.kincrome.com.au or call us. Due to minor changes in design or manufacture, the product you purchase may sometimes differ from the one shown on the packaging.
IMPORTANT! If the tool fails to operate correctly, call customer service on 1800 657 528 for advice on the best resolution for your situation. If a resolution cannot be achieved over the phone please take the tool and all related accessories to an authorised service centre or place of purchase showing proof of purchase for assistance.

8) Parts Breakdown



	Index No.	Part No.	Description	Quantity
•	1	K13351-1	Retaining Nut	1
•	2	K13351-2	Mounting Bracket	1
•	3	K13350-3	Pressure Gauge	1
•	4	K13350-4	Drain Valve	1
•	5	K13351-5	Bronze Filter	1

• Indicates Stocked Spare Parts, Kincrome Reserve The Right To Change Spare Parts At Any Time Without Notice

Notes:

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