

USER MANUAL

EASYAIR 15

Models: **PM15F** (shown)
PM15P



SAVE THESE INSTRUCTIONS

CAUTION

Federal (USA) law restricts this device to sale by or on the order of a physician.

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DANGER

DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

CAUTION

CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.



Attention, Consult ACCOMPANYING DOCUMENTS



Type B Equipment



Protective Earth Ground



Power On



Power Off

RECEIVING INSPECTION

Remove product from package and inspect for damage. If there is any damage, do not use. Contact your Equipment Provider.

INTENDED USE

To supply breathable, compressed air for respiratory care devices having performance requirements within the stated performance of the PM15F or PM15P (see Specifications).

SPECIFICATIONS

Operating Range:

PM15P Output: (Models Equipped with a Pressure Gage)	PM15F Output: (± 1 LPM) (Models Equipped with a Flow Gage)
50 psi.....minimum 15 LPM	LPM - as set and read on the gage
Maximum Rated Sustained Pressure: 60 psi	

Dimensions:	Length:	16" (40.6 cm)
	Width:	7¼" (18.4 cm)
	Height:	10¼" (26.0 cm)
Weight:		20.4 lbs (9.3 kg)
Shipping Weight:		24 lbs (10.9 kg)
Electrical:	PM15F & PM15P:	108 - 132 VAC, 60 Hz, 5 Amps
Operating Temperature Range:		50°F to 104°F (10°C to 40°C)
Storage Temperature Range:		-4°F to 104°F (-20°C to 40°C)
Storage/Operating Humidity:		Maximum 95% Non-condensing
Outlet:		Grounded 9/16 - 18 Male Threaded Fitting
Safety Systems:		High Temperature Motor Shutdown
Thermal Protector:		Class B, Thermal Limit Automatic Reset
Equipment Classification:		
Class I		- with respect to protection from electrical shock
Type B		- degree of protection against electrical shock
IPX0		- degree of protection against ingress of liquids
Mode of Operation		- continuous

This device meets the EMC requirements of EN 55011:1998 Group 1 Class B.

This device meets the requirements of CGA V-5:2005 section 5.4.

This product is not suitable for use in the presence of a flammable anesthetic mixture with air, with oxygen or with nitrous oxide.

GROUNDING INSTRUCTIONS

The product should be grounded. In the event of an electrical short circuit, grounding reduces the risk of electrical shock by providing an escape wire for the electrical current. This product is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

⚠ DANGER

Improper use of the grounding plug can result in a risk of electrical shock.

⚠ WARNING

Ground reliability can only be achieved when the power cord is connected to an equivalent receptacle marked "Hospital Grade".

IMPORTANT SAFEGUARDS

When using electrical products, especially when children are present, basic safety precautions should always be followed, including the following:

READ ALL INSTRUCTIONS BEFORE USING

Read and understand this manual before using the product.

This manual is provided for your safety and to prevent damage to the product.

If there is anything you do not understand, do not use the product; contact your Equipment Provider.

⚠ DANGER

TO REDUCE THE RISK OF ELECTROCUTION

- Always unplug product immediately after using.
- **DO NOT** use while bathing.
- **DO NOT** place or store product where it can fall or be pulled into a tub or sink.
- **DO NOT** place or drop into water or other liquid.
- **DO NOT** reach for a product that has fallen into water. Unplug immediately.

⚠ DANGER

- **DO NOT** attempt to repair product. Any attempt could result in electrical shock.
- Never use near any type of flame or flammable/explosive substances.
- Caution must be exercised when using this product where oxygen is being administered.
- Never allow product to exceed Operating or Storage Temperature specifications.

⚠ WARNING

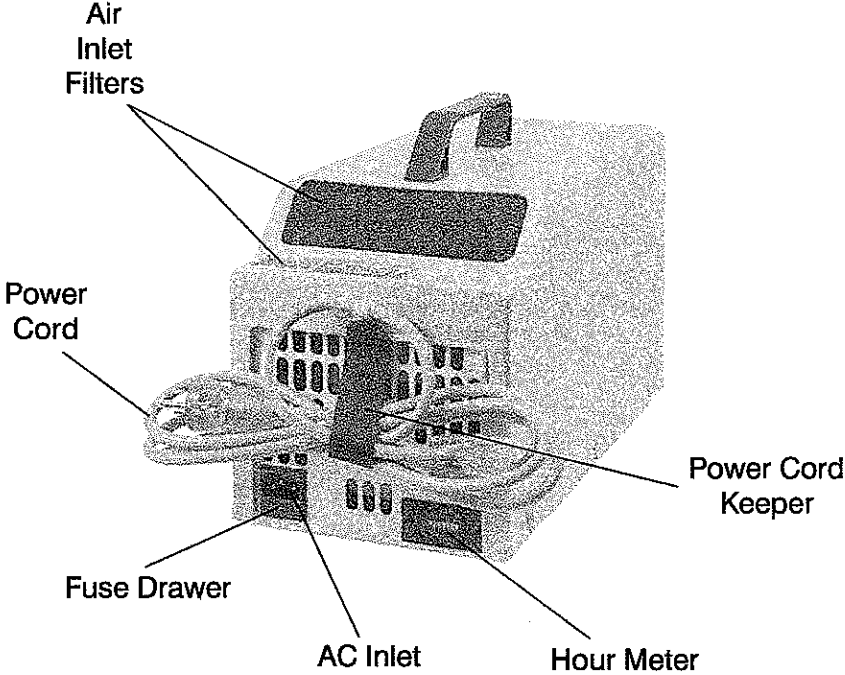
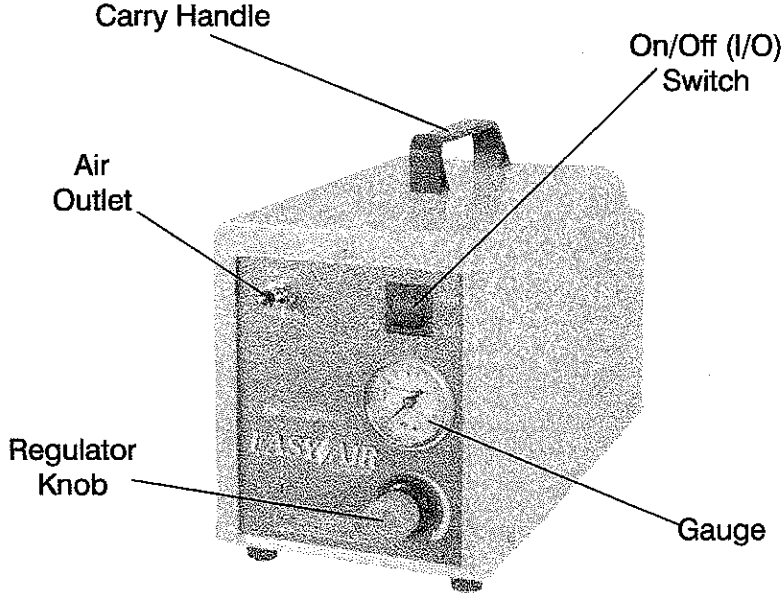
TO REDUCE RISK OF BURNS, ELECTROCUTION, FIRE, OR INJURY TO PERSONS:

- The product should never be left unattended when product is running.
- Close supervision is necessary when this product is used by, on, or near children or invalids.
- Use this product only for its "Intended Use" as described in this manual.
- **DO NOT** use attachments not recommended by the manufacturer.
- **DO NOT** use product with any equipment that requires "dry" air, including ventilators, gas blenders, or flow generators, without a device to properly dehumidify the discharged air of the PM15.
- Never operate this product :
 - if it has a damaged cord or plug
 - if it is not working properly
 - if it has been dropped or damaged
 - if it has been dropped into water

Return the product to your Equipment Provider for examination and repair.

- Keep the cord away from heated surfaces.
- Never use while sleepy or drowsy.
- Adjust to desired setting prior to use.
- Never drop or insert any object into any opening or hole.
- **DO NOT** cover air vents. Restriction of air flow will cause unit to overheat, causing the thermal reset to shut down the product.
- Connect this product to a properly grounded outlet only. See Grounding Instructions.

COMPONENT IDENTIFICATION



OPERATING INSTRUCTIONS

Prior to each use. Inspect product for damage. **DO NOT** use if any damage is found.

NOTE: If for any device labels are missing or illegible contact your Equipment Provider.

1. Become familiar with the product (see Component Identification).
2. Position product near a properly grounded electrical receptacle. Allow a minimum of 4" (10 cm) clearance on all sides to ensure adequate air flow for cooling of product.
3. Be sure the On/Off (I/O) Switch is in the **Off (O)** position.
4. Be sure the Power Cord is properly connected.
5. Attach appropriate device to the Outlet Fitting, securely, without overtightening.
6. Pull Regulator Knob **OUT** to unlock regulator, then turn Knob fully counterclockwise.
7. Press the On/Off (I/O) Switch to the **On (I)** position.
8. Adjust pressure/flow.

To INCREASE pressure/flow - Turn Knob **CLOCKWISE**
To DECREASE pressure/flow - Turn Knob **COUNTERCLOCKWISE**
9. Push Regulator Knob **IN** to lock pressure/flow setting.
10. Compressor is now ready to use.
11. When the compressor is not in use, press the On/Off (I/O) Switch to the **OFF (O)** position.

BEFORE STARTING UNIT
***Pull out regulator Knob to unlock,
then turn Knob fully
counterclockwise.***

CLEANING/MAINTENANCE

⚠WARNING

Disconnect product from any external power source before cleaning.

WEEKLY:

1. Check both Air Filters on top rear of cabinet for dust buildup.
2. If dust buildup occurs, unplug product, remove Air Filters from their recessed areas and wash in warm, soapy water and rinse.
3. Absorb excess water from filters with a dry towel.
4. Return filters to their original locations.

CAUTION

- Excessive dust buildup on external filters will reduce performance of product. If this occurs, clean or replace with new filters.
- The Air Filter on top of the compressor does not filter out saline. Treatments using nebulized saline will draw the saline mist back into the product.

Saline causes rapid deterioration of the compressor seals and will void the warranty.

AS NEEDED:

Clean exterior surfaces with a cloth or sponge dampened with soap and water.

Wipe dry with a clean cloth or paper towel.

⚠WARNING

- **DO NOT** immerse product in liquid.
- If product is used for treatment of infectious disease, consult your physician or healthcare professional for recommended cleaning procedures.

AT 8500 HRS:

Return product to Equipment Provider for compressor maintenance (including rebuilding pump).

Call Precision Medical, Inc. for Preventative Maintenance Services.

REPLACEMENT PARTS LIST

503237	Filter, Large
502391	Filter, Small
502597	User Manual

RETURNS

Refer to Precision Medical, Inc.'s Return Policy, at www.precisionmedical.com or contact Precision Medical, Inc..

Note: When returning this product, disconnect the power cord from the back of the unit.

MAINTENANCE RECORD		
Unit Serial No: _____		In Service Date: _____
Date	Hours	Maintenance Performed

TROUBLESHOOTING

If the **Easy Air 15 Compressor** fails to function, consult the Troubleshooting guide below.

⚠WARNING

There are no user serviceable parts inside. To avoid injury, **DO NOT** open cabinet.

If the problem cannot be corrected, consult your Equipment Provider or Precision Medical, Inc.

Problem	Probable Cause	Remedy
A. Product does not operate	<ol style="list-style-type: none">1. On/Off Switch in Off position2. Power Cord not connected properly3. Product overheated4. Blown Fuse5. Power Interruption	<ol style="list-style-type: none">1. Push On/Off Switch to On position2. Check Power Cord connections3. Shut product Off Wait 15 minutes Ensure vents are clear4. Replace Fuse5. Turn off product. When Power restored, repeat Start Up Procedure.
B. Unable to adjust pressure/flow	<ol style="list-style-type: none">1. Locked Regulator Knob	<ol style="list-style-type: none">1. Pull Regulator Knob out
C. Overheating	<ol style="list-style-type: none">1. Poor Ventilation2. Dirty Air Filters	<ol style="list-style-type: none">1. Move product to a cooler, better ventilated area2. Clean Air Filters
D. Low pressure/flow	<ol style="list-style-type: none">1. Loose connection at outlet fitting2. Improper regulator adjustment	<ol style="list-style-type: none">1. Tighten connection2. Re-adjust regulator

**LIMITED WARRANTY
AND LIMITATION OF LIABILITY**

Precision Medical, Inc. warrants that EASY AIR 15 Compressor (the Product) will be free of defects in workmanship and/or material for the following period:

One (1) year from shipment

Should any failure to conform to this warranty appear within the applicable period, Precision Medical, Inc. shall, upon written notification thereof and substantiation that the goods have been stored, installed, maintained and operated in accordance with Precision Medical, Inc.'s instructions and standard industry practice, and that no modifications, substitutions, or alterations have been made to the goods, correct such defect by suitable repair or replacement at its own expense.

ORAL STATEMENTS DO NOT CONSTITUTE WARRANTIES.

The representatives of Precision Medical, Inc. or any retailers are not authorized to make oral warranties about the merchandise described in this contract, and any such statements shall not be relied upon and are not part of the contract for sale. Thus, this writing is a final, complete and exclusive statement of the terms of that contract.

THIS WARRANTY IS EXCLUSIVE AND IS IN LIEU OF ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHER WARRANTY OF QUALITY, WHETHER EXPRESS OR IMPLIED.

Precision Medical, Inc. shall not under any circumstances be liable for special, incidental or consequential damages including but not limited to lost profits, lost sales, or injury to person or property. Correction of non-conformities as provided above shall constitute fulfillment of all liabilities of Precision Medical, Inc. whether based on contract, negligence, strict tort or otherwise. Precision Medical, Inc. reserves the right to discontinue manufacture of any product or change product materials, designs, or specifications without notice.

Precision Medical, Inc. reserves the right to correct clerical or typographical errors without penalty.

**Contact your Equipment Provider for replacement parts
and accessories.**

Your Equipment Provider is:

PRECISION  MEDICAL®

Precision Medical, Inc.
300 Held Drive
Northampton, PA 18067 USA

Toll Free Tel: 800-272-7285
Toll Free Fax: 800-352-1240
Tel: 610-262-6090
Fax: 610-262-6080

Visit us on the Web: www.precisionmedical.com

PRECISION MEDICAL EASY AIR 15

COMMONLY USED REPLACEMENT PARTS

DESCRIPTION	MFG PART NUMBER	UHS PART NUMBER
Gauge	502392	5342330
Regulator	502892	5344085
PM Kit	504593	1070526
Muffler Assy	503241	1067754
A/C Inlet	503803	5345749
Tee	502395	5349485
Nut Panel	502276	5342009
Screw, mounting	504085	1062012
Washer	503339	1091339
Filter, small	50239110	1156121
Filter, large	50323710	1155535
Barb	1790	5342342
Motor Rebuild Kit (square)	1156	5342083
Motor Rebuild Kit (round)	502060	1155263
Screw, case	107010	1064174