



ENGLISH

DXCM019-0352

Filter/Regulator/Lubricator, 3/8" NPT

IF YOU HAVE ANY QUESTIONS OR COMMENTS ABOUT THIS OR ANY DEWALT TOOL, CALL US TOLL FREE AT: 1-888-895-4549.

⚠ WARNING: For your own safety, read the air compressor instruction manual before using any accessory. Failure to heed these warnings may result in personal injury and serious damage to the air compressor and the accessory. When servicing this tool, use only identical replacement parts.

⚠ WARNING: CONTAINS LEAD. May be harmful if eaten or chewed. May generate dust containing lead. Wash hands after use. Keep out of reach of children.

⚠ WARNING: This product can expose you to chemicals including Lead and Cadmium, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

⚠ WARNING: This product is specifically designed for compressed air service ONLY.

TYPICAL INSTALLATION

⚠ WARNING: ALWAYS turn compressor OFF, disconnect from power source, and drain all pressure from system before servicing.

Note: Air supply must be dry enough to avoid ice formation at temperatures below 35°F (2°C).

Note: These products are designed specifically for compressed air service only.

Note: Use a thread sealer or Teflon® tape on all male threads.

⚠ CAUTION: Do not install filter or lubricator to a system where the compressor is lubricated with, or the air contains, a material that will attack plastic bowls. Certain compressor oils, household cleaners, chemicals, solvents, paints, or fumes can cause plastic bowl failure.

FILTER/REGULATOR/LUBRICATOR

Maximum inlet pressure: 220 psig (15 bar)

Pressure range: 5-150 psig (0,3 to 10 bar)

Maximum operating temperature: 150°F (65°C)

INSTALLATION

1. Install as close as possible to where regulated air is needed. In systems with a cyclic demand, locate upstream of cycling device. **Note:** Air flow must be in same direction as arrow on regulator body.

Note: Securing to a wall using the attached mounting brackets will provide added stability and rigidity to your piping system.

2. System piping should be 3/8" minimum. Avoid using fittings, couplings, etc., that restrict the flow of air.

3. Install gauge (C) in front regulator port (FIG. 1).

4. Turn filter and regulator bowls (E & H) fully clockwise into body before pressurizing.

OPERATION OF FILTER/REGULATOR

1. Pull adjustment knob (A) out to unlock, turn counter clockwise until it stops (closed position).

2. Check that all connections are tight. A small leak will substantially reduce the performance of your compressor. If you suspect a leak, spray a small amount of soapy water around the area with a spray bottle. If bubbles appear, retighten or reseal the connection. Do not overtighten.

3. Turn regulator adjustment knob clockwise until the desired outlet pressure is reached, as indicated on gauge.

Note: To avoid minor readjustments after making a change in pressure setting, always approach the desired pressure from a lower setting. When reducing from a higher to a lower setting, first reduce to a lesser pressure, then go up to the desired setting.

4. When the required pressure is reached, push in adjustment knob to lock setting.

Note: Drain filter bowl (E) whenever water can be seen in bowl by turning the manual drain valve.

OPERATION OF LUBRICATOR

Oil Reservoir Size: 2.2 fluid oz. (65ml)

1. The Lubricator (H) cannot be filled under pressure. Verify air is shut off and relieve all system pressure. Remove and fill bowl with air tool oil. An SAE 10 or lighter oil will also be sufficient.

Note: REFILL RESERVOIR WITH OIL. Shut off inlet pressure and reduce pressure in reservoir to zero. Remove fill plug, add oil and reinstall fill plug.

⚠ WARNING: Do not remove the fill plug when the reservoir is pressurized, as oil will blow out the fill plug.

2. Reinstall lubricator bowl (H) securely (hand tighten) before pressurizing system.

3. Turn on system pressure.

4. Adjust lubricator drip rate only when there is a constant rate of air flow thru the lubricator. Monitor drip rate thru sight feed dome (F).

5. Turn the slotted rotator in sight feed dome (F) to obtain the recommended drops per minute. (See Drip Rate Chart.) Turn rotator counterclockwise to increase and clockwise to decrease the drip rate. (Total rotator travel is 2 full turns.)

6. Monitor the tool being lubricated for a few days and adjust the drip rate of the oil delivery.

DRIP RATE CHART

Flow - scfm (dm³/s)	Drops per minute
2 to 5 (0,9 to 2,4)	7
5 to 30 (2,4 to 14,2)	8
30 to 40 (14,2 to 18,9)	9

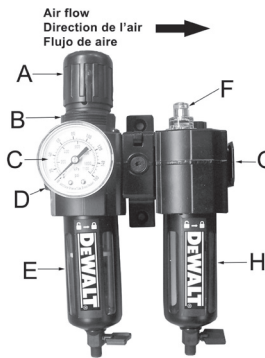
SPECIFICATIONS

Maximum inlet Pressure	220 psi
Max. Temperature	150°F (65°C)
Air Inlet/outlet	3/8" NPT (F)
Regulator style	Self relieving
Minimum flow rate	78 SCFM @ 90 psi

⚠ WARNING: ALWAYS turn compressor OFF, disconnect from power source, and drain all pressure from system before servicing. Personal injury and/or property damage could occur.

⚠ WARNING: RISK OF ELECTRIC SHOCK, FIRE, AND/OR INJURY. Keep the work area clean and well lighted. Cluttered benches and dark areas increase the risks of electric shock, fire, and injury to persons. Place cleaning rags and other flammable waste materials in a secured metal container. The container should be disposed of properly in accordance with local, state, and federal regulations.

FIG. 1



COMPONENTS

- A. Adjustment knob
- B. Regulator
- C. Gauge
- D. Inlet
- E. Filter bowl
- F. Sight feed dome
- G. Outlet
- H. Lubricator bowl

⚠ WARNING: RISK OF EXPLOSION AND/OR FIRE. Do not operate the tool in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. The tool is able to create sparks resulting in the ignition of the dust or fumes.

⚠ WARNING: RISK OF INJURY. Keep bystanders, children, and visitors away while operating the tool. Distractions are able to result in the loss of control of the tool.

⚠ WARNING: RISK OF INJURY. Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep hair, clothing, and gloves away from moving parts. Loose clothes, jewelry, or long hair increase the risk of injury to persons as a result of being caught in moving parts.

⚠ WARNING: RISK OF HEARING LOSS. Always wear ANSI S3.19 approved ear protection when using the tool. Prolonged exposure to high intensity noise is able to cause hearing loss.

⚠ WARNING: RISK OF EYE INJURY. Always wear ANSI Z87.1 approved safety goggles when using an air tool. Air powered equipment and power tools are capable of propelling materials such as metal chips, sawdust, and other debris at high speed which could result in serious eye injury.

⚠ WARNING: RISK OF INJURY. Disconnect the tool from the air supply when not in use. NEVER change accessories or perform maintenance or service operations while the tool is connected to the air supply.

⚠ WARNING: RISK OF BURSTING AND/OR INJURY. Check for damaged air hose. Keep the air hose away from heat, oil, and sharp edges. Inspect the air hose periodically and replace it if it becomes worn or damaged.

⚠ WARNING: RISK OF INJURY. Tool service must be performed only by qualified repair personnel.

⚠ WARNING: RISK OF INJURY. When servicing a tool, use only identical replacement parts. Use only authorized parts.

Use only the lubricants supplied with the tool or specified by the manufacturer.

WARRANTY

ONE YEAR LIMITED WARRANTY: DEWALT Industrial Tools (the Company) warrants that for a period of twelve (12) months from the date of purchase, it will replace or repair, free of charge, for the original retail purchaser only, any part or parts, manufactured by the Company, found upon examination by the Company or its assigned representatives, to be defective in material or workmanship or both. All transportation charges for parts submitted for replacement or repair under this warranty must be borne by the original retail purchaser. This is the exclusive remedy under this warranty.

Failure by the original retail purchaser to install, maintain and operate said equipment in accordance with good industry practices, or failure to comply with the specific recommendations of the Company set forth in the owner's manual, shall render this warranty null and void. The Company shall not be liable for any repairs, replacements, or adjustments to the equipment or any costs for labor performed by the purchaser without the Company's prior written approval. The effects of corrosion, erosion and normal wear and tear are specifically excluded from this warranty.

THE COMPANY MAKES NO OTHER WARRANTY OR REPRESENTATION OF ANY KIND WHATSOEVER, EXPRESSED OR IMPLIED EXCEPT THAT OF TITLE. ALL IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. LIABILITY FOR CONSEQUENTIAL AND INCIDENTAL DAMAGES UNDER ANY AND ALL WARRANTIES, OTHER CONTRACTS, NEGLIGENCE, OR OTHER SORTS IS EXCLUDED TO THE EXTENT EXCLUSION IS PERMITTED BY LAW.

Notwithstanding the above, any legal claim against the Company shall be barred if legal action thereon is not commenced within twenty-four (24) months from the date of purchase or delivery whichever occurs last. This warranty constitutes the entire agreement between the Company and the original retail purchaser and no representative or agent is authorized to alter the terms of same without expressed written consent of the Company.

