



AIR PRECLEANER DIV.



DIVERSAFAB

820 INDUSTRIAL COURT

BARABOO, WI USA 53913-2785

PHONE: (608) 356-4882 FAX: (608) 356-4883

centriinfo@drmdiversafab.com • www.drmdiversafab.com

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CENTRI™ Precleaner Installation Instructions

CENTRI™ Precleaners are selected and sized by air flow per minute, specified in Cubic Feet per Minute (CFM) or Cubic Meters per Minute (m3/Min), not by the air intake pipe diameter.

When looking at the top of the precleaner hood the internal impeller will rotate in a clockwise direction (fig. 1).

1. Turn off equipment and locate air intake pipe. Install the stainless steel clamp(s), adaptor (if used) and CENTRI™ Precleaner using a downward, twisting motion. For a slightly oversize intake pipe diameter it may be necessary to lightly tap the CENTRI™ Precleaner hood and/or adaptor to fit the pipe.

(fig. 1)



2. Locate discharge louver on side of hood (fig. 2). Rotate the precleaner to position the discharge louver as shown in (fig. 3).
Exterior Installation: Direct louver away from the Equipment Travel Direction or away from stationary equipment surfaces.
Interior Installation: Direct louver towards an open area or exterior opening.
Note: Exhausted debris should not accumulate or be drawn back into precleaner.

(fig. 2)



(fig. 3)



3. Precleaner mounting height is measured from the bottom edge of hood (fig. 4). The minimum mounting height above a **flat surface** is:
1.5 inches (38.1 mm) for CENTRI™ models: EX-20, EX-25, EX-30, EX-40 & EX-50.
3.5 inches (88.9 mm) for CENTRI™ models: EX-60, EX-70 & EX-80.
Note: For a **round or curved downward surface**, like a round filter canister, the minimum precleaner mounting clearance height may be reduced.

(fig. 4)



4. Mount precleaner a minimum of 12 inches (304.8 mm) below an engine exhaust outlet (fig. 5).

(fig. 5)

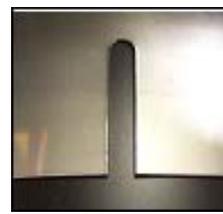


5. Locate metal expansion slots on precleaner and adaptor (if used). When installed each expansion slot should be covered with no visible air gaps. (fig. 6 and fig. 7) Recheck discharge louver position in step 2 and then go to step 6.

(fig. 6)



(fig. 7)



6. Position stainless steel clamp (fig. 8). Tighten clamp to 7.5 ft. /lbs. (90 in. /lbs or 1.0369 kg-m). Re-inspect metal expansion slots. If visible air gaps are present, contact your CENTRI™ distributor to purchase correct size Adaptor.

(fig. 8)



7. For maximum performance with CENTRI™ Precleaner, install a new air filter element, check air intake system for air leaks or damage and repair as necessary.

Thank you for purchasing the CENTRI™ precleaner products.

CAUTION: To inspect, remove or install a CENTRI™ Precleaner or adaptor first turn off the equipment.

Note: The impeller inside the precleaner hood will rotate for many minutes after the equipment has been turned off so allow time for the impeller to stop rotating. Do NOT insert anything into the precleaner as this can damage the precleaner, could cause personal injury and void the warranty.