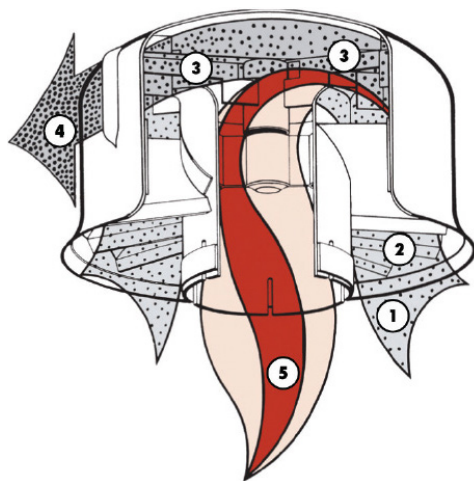


CENTRI™ HH Precleaners

Protect The Safety Of Your Equipment Operators And Equipment



Cubic Feet Per Minute (C.F.M.) of Air Formula: The C.F.M. for all engines can be determined by using the formula given below. However, please note that for engines equipped with twin air intake pipes, the engine C.F.M. should be divided by two, then the proper CENTRI™ Precleaner should be applied to each pipe.

$$\text{FOUR-CYCLE Engine: C.F.M.} = \frac{\text{C.I.D.} \times \text{R.P.M.} \times \text{Vol. Eff.}}{3456}$$

VOLUMETRIC

- EFFECIENCY:** Diesel Engines: Normally Aspirated..... = .85
 Turbocharged..... = 1.60
 Turbocharged-Aftercooled..... = 1.85
 Turbocharged-Intercooled..... = 1.95
 Gasoline Up to 2500 R.P.M..... = .80
 Engines: 2500 to 3000 R.P.M..... = .75
 3000 to 4000 R.P.M..... = .70

TWO-CYCLE Engine: Contact DRM Diversafab

(C.I.D. = Cubic Inch Displacement, R.P.M. = Revolutions per Minute, Vol. Eff. = Volume Efficiency) To convert Metric Displacements to C.I.D. for use in the formulas, use the following conversion factors: Displacement in Cubic Centimeters (cm3) x 0.06102 = C.I.D., Displacement in Liters x 61.02 = C.I.D.



ISO 9001 Registered
Made in the U.S.A.

Note: Patent Pending on
CENTRI™ High Heat Products

Description

Protect the safety of your equipment operators and equipment with CENTRI™ HIGH HEAT (HH) PRECLEANERS & PREScreens. Centri HH™ Prescreens are custom designed to securely for the Centri HH Precleaner and the air intake pipe. The prescreen restricts embers and debris larger than .036" (0.914mm).

Features and Benefits

CENTRI™ HH PRECLEANER:

- Heat Resistant Stainless Steel and Aluminum Construction No plastic to melt and warp
- Self Contained for Easy Installation at Any Angle
- Operating Temperature up to 350F / 177C
- Shielded Impeller Bearings for Dependable Operation
- High Efficiency - Removes up to 90%+ of Contaminants
- Low Air Restriction and Reduced Operating Costs
- Increased Engine Life and Performance
- Stainless Steel Clamp Included
- Exclusive Five Year Performance Warranty

CENTRI™ HH PRESCREEN:

- Square Mesh Stainless Steel .036" (0.914mm) for Superior Ember Control - Exceeds NFPA Standard 12.2.4.4
- High Temperature Silicon Coated Fiberglass and Kevlar® Thread
- Proven Attaching Method for Confident Ember Control
- Operating Temperature up to 1832F / 1000C
- Durable Steel Rings
- Low Profile Lengths also Available
- Custom Designs Available (see reverse)

Applications

Construction, Mining, Quarries, Forestry, Semi-Trucks, Agriculture, Gensets, Snow Removal, Landscaping, Stationary Engines, Pneumatic Blowers, Handling Equipment

How CENTRI™ High Heat Precleaners work:

1. Dirty air enters the CENTRI™ High Heat Precleaner installed on the engine's air intake.
2. Curved and angled vanes direct the flow of dirty air toward the stainless steel impeller.
3. The impeller creates centrifugal force inside the housing.
4. The centrifugal force expels heavier-than-air dirt particles (chaff, dust, snow, rain, ash, embers, etc.) out the discharge louver.
5. The precleaned air enters the engine intake pipe leaving only the very light particles for the filter element to remove.
6. For ember control with the CENTRI™ High Heat Precleaner, install a CENTRI™ High Heat Prescreen.

Note: Heat Resistant Stainless Steel and Aluminum Construction - No plastic to melt and warp.

The Results:

- Increased operator safety in ember environments (CENTRI™ HH Prescreen installed)
- Cleaner air for your equipment
- Increased air filter life
- Increased engine life and performance high heat applications
- Reduced operating and maintenance costs.

Part No.	A inches	A mm	B inches	B mm	C inches	C mm	lbs	kg	C.F.M.	m3/Min.
EX-20	5 1/4	133	3 3/8	86	2	51	1	455g	50-100	1,4 - 2,8
EX-25	6 1/2	165	4 1/4	108	2 1/2	64	1 3/4	795g	100-200	2,8 - 5,6
EX-30	6 1/2	165	5	127	3	76	2 3/4	1,247g	150-275	4,2 - 7,8
EX-40	8 7/8	225	5 7/8	149	4	102	3 3/4	1,7kg	200-400	5,6 - 11,3
EX-50	11 1/4	286	7 1/2	190	5	127	6 1/2	3kg	350-700	10 - 20
EX-60	12 3/4	324	7 3/4	197	6	152	7 1/4	3,3kg	500-950	14 - 27
EX-70	14 3/4	375	8 1/2	216	7	178	9 1/2	4,3kg	750-1350	21 - 38

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