

PRAB MANUAL CENTRIFUGE

MINIMIZE MAINTENANCE & HAUL-AWAY COSTS

Consistent, Reliable Operation with No Consumable Media Required

PRAB Manual Centrifuges give you all the benefits of centrifugal separation (including no need for consumable media) plus the PRAB advantage of an easily removable rubber liner for simple clean up. Use as a stand-alone unit or incorporate into a custom-engineered filtration system to improve tool life, produce better surface finishes and reduce machine downtime. PRAB centrifuges achieve flow rates up to 20 GPM working at 900 times the force of gravity. Semi-automatic discharge models are also available.



Model CL-50



Model CL-80

Top Features & Benefits:

- Can be used for ferrous and non-ferrous metals and composite materials
- Prolongs coolant and tool life
- Removes particulate down to 10 micron level
- Improves surface finish of the component part
- No consumable media is required, adhering to ISO-14001 standards
- Minimizes hauling of waste coolants and water



A true performance guarantee ensuring your PRAB equipment achieves the specific results it was designed and manufactured to deliver. And if you need technical support, call us. We are available 24/7.

5801 East N Avenue, Kalamazoo, MI 49048
Phone: 1-800-968-7722 | Fax: 1-269-349-2477 | sales@prab.com

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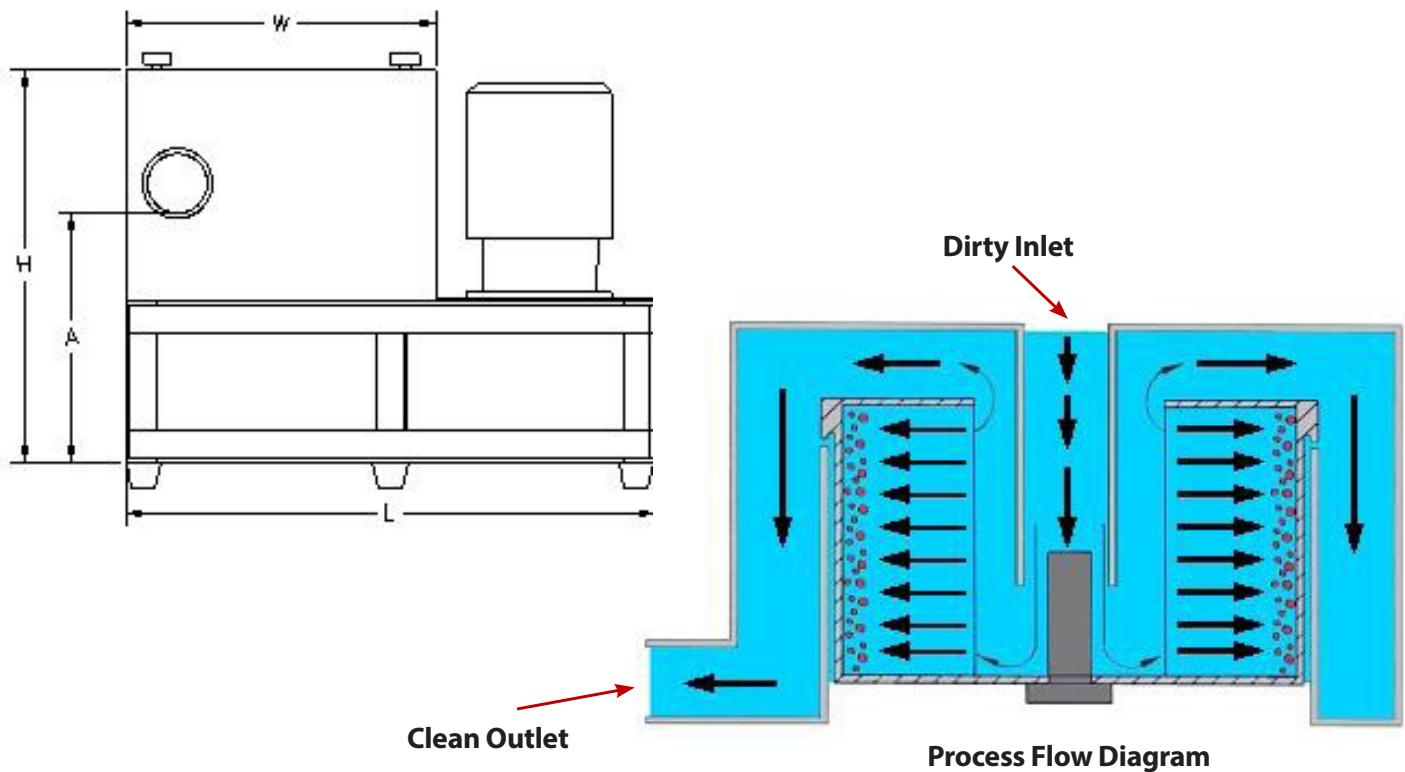
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Principal of Operation

PRAB's manually cleaned, liquid/solid centrifuge is designed exclusively for industrial use. Process liquid is either pumped or gravity fed to the centrifuge inlet. Process solids are centrifugally separated from the liquid phase and collected in an easily removable rotor. Clarified liquid overflows the rotor into the outer case and is returned by gravity to the process. The simple rotor cleaning procedure is accomplished by stopping the liner, opening the hinged cover, removing the liner from the centrifuge, cleaning the rotor, and replacing it. The entire process can be accomplished in as little as 5 minutes with the inclusion of a spare liner.

Model	Flow Rate	A	L	W	H	Outlet	Drain	Bowl Volume	Drive Motor
CL-50	15 gpm	13-1/2"	26"	15" Sq	20"	2-1/2"	1"	1.3 gal	2 hp
CL-80	20 gpm	13-1/2"	32"	20" Sq	23"	3"	1"	2.6 gal	3 hp

All dimensions are reference only.



Applications:

- All grinding applications
- Polishing and lapping
- Phosphatizing
- Vibratory deburring
- Wire drawing
- Honing

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