

# PRAB MAGNETIC SEPARATORS- MCJ-A

PROVEN TO REDUCE MACHINE DOWNTIME BY UP TO 50%

## Continuously Remove Ferrous Particles from the Flow of Liquid

PRAB MCJ-A Magnetic Separators employ high-intensity ferrite magnets within a fully energized rotating drum to continuously remove ferrous particles from the flow of liquid. These systems are often used as a pre-filter to limit contaminants from reaching subsequent filtration equipment.



*"The reason we purchased PRAB's equipment is because it can keep up with production, it is fully automatic, clean, and very user friendly."*

– Gary Sroufe, C&A Tool's multi-spindle "go-to guy"

Standard Magnetic Separator - Model: MCJ-80A

## Features and Benefits:

- Utilizes ferrite magnets with 1,600 gauss rating for highly effective fluid filtration
- Easily removes high levels of ferrous contaminants
- Continuous operation
- Prolongs tool life
- Improves surface finish of the component part
- Decreases machine downtime by up to 50%
- Reduces waste disposal
- No consumable media
- Units are available with flow rates from 20 GPM to 60 GPM

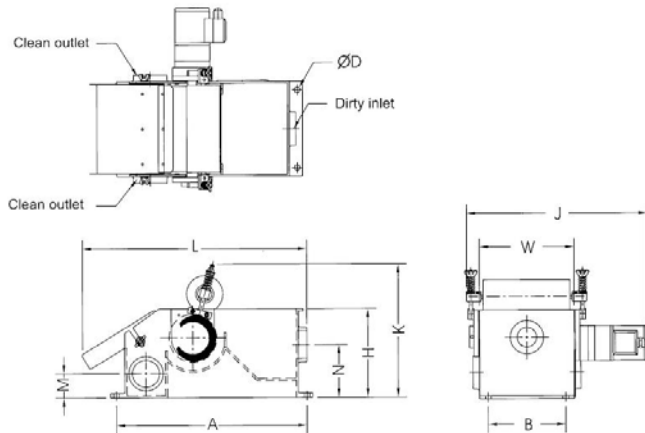
Backed by the **PRAB Difference**

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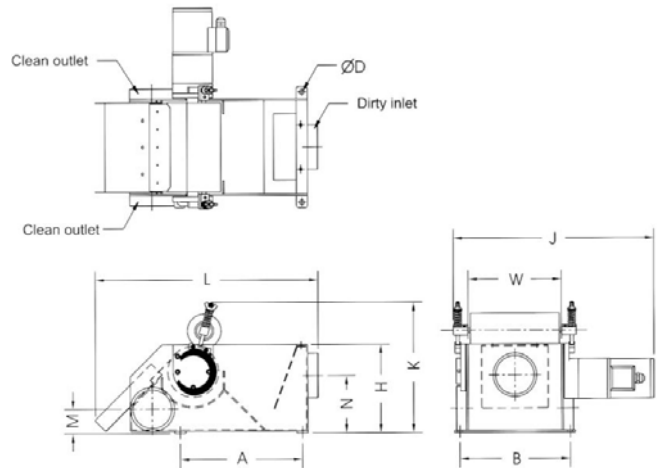
QUICK SHIP: MOST UNITS SHIP IN 5-7 DAYS

## Specifications:

MCJ-80A to MCJ-160A Drawing



MCJ-240A Drawing



| Model    | Flow Rate | L      | W     | H     | M    | N    | A     | B     | D     | J     | K     | Inlet NPT | Outlet NPT | Motor HP |
|----------|-----------|--------|-------|-------|------|------|-------|-------|-------|-------|-------|-----------|------------|----------|
| MCJ-80A  | 20 GPM    | 18.25" | 9.5"  | 7.25" | 2"   | 4.3" | 15.7" | 8.3"  | 7/16" | 17.5" | 11"   | 2"        | 2.5"       | 1/16     |
| MCJ-120A | 30 GPM    | 19"    | 10.6" | 8.7"  | 2.5" | 5.5" | 15.7" | 9"    | 7/16" | 18.6" | 12.4" | 3"        | 3"         | 1/10     |
| MCJ-160A | 40 GPM    | 19"    | 14"   | 8.7"  | 2.5" | 5.5" | 15.7" | 12.3" | 7/16" | 21.9" | 12.4" | 3"        | 3"         | 1/10     |
| MCJ-240A | 60 GPM    | 19.8"  | 17.7" | 7.9"  | 2.5" | 4.9" | 10.8" | 19.2" | 7/16" | 27.1" | 11.6" | 3"        | 3"         | 1/10     |

## Applications:

- Ferrous Metal Machining
- Production Grinding Applications
- General Machining
- ID & OD Grinding
- Honing
- Gear Cutting
- Lapping
- Gun Drilling
- Lathe Operations



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.

Contact us to **request a quote** today

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