

# Krebs **NEW** Large Diameter Heavy Medium Cyclones

With FLSmidth Krebs **NEW** Large Diameter Heavy Medium Cyclones, larger top size raw coal can be efficiently cleaned at higher feed rates within your coal preparation plant (see capacity table). The high capacity design lends itself well to the now popular “parallel circuit” plant design where one feed pump is dedicated to one Large Diameter Heavy Medium Cyclone along with a separate clean coal drain and rinse screen.

One of the most important features of a Heavy Medium Cyclone is its coal cleaning efficiency. We have taken several design features of our D26B, that has long been established as the industry’s standard high capacity cyclone with “benchmark” efficiencies, and incorporated them into the **NEW** 30”, 33”, and 40” designs.

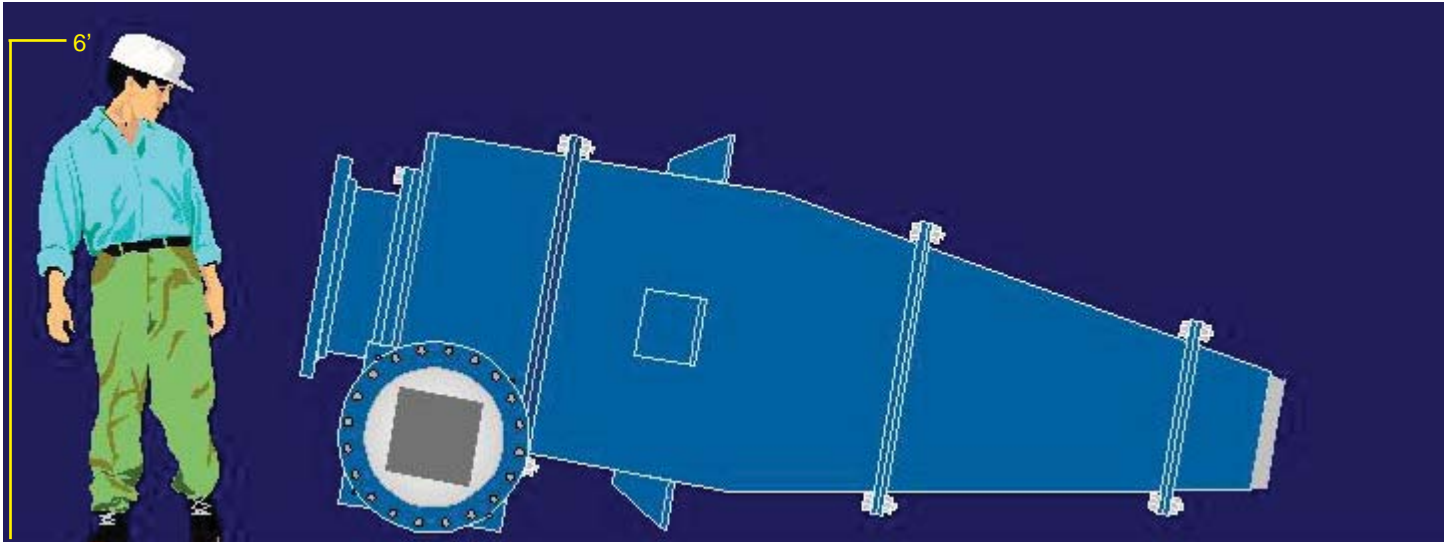
To ensure your new cyclone operates for long periods of time with minimal maintenance requirements, thick ceramic lining is utilized throughout the designs with replaceable cone liners and apex inserts in the lower regions of the cyclone.

It’s important that when you purchase a **NEW** Heavy Medium Cyclone that it not only provide you capacity and performance for design conditions, but also for future conditions.

Contact us today at (520) 744-8200 or visit our web site at [www.krebs.com](http://www.krebs.com) for complete details on our **NEW** Large Diameter Heavy Medium Cyclones.



# 3-200



Shown above: Actual size ratio of the Krebs **NEW** 40" Heavy Medium Cyclone

Cyclone Model	Volumetric Feed Rate	Dry Feed Rate *
D26B	1750 USGPM (398 M3/h)	140 STPH (127 MT/h)
D30B	2600 USGPM (591 M3/h)	208 STPH (189 MT/h)
D33B	3800 USGPM (727 M3/h)	304 STPH (276 MT/h)
D40B	5200 USGPM (1182 M3/h)	416 STPH (378 MT/h)

\* Based on a 4:1 volumetric Media/Coal Ratio

Cyclone Model	Pressure Requirement**	Top Size**
D26B	21 ft. (6.4 M)	1 in. (25 mm)
D30B	24 ft. (7.2 M)	2 in. (50 mm)
D33B	26 ft. (8.0 M)	3 in. (75 mm)
D40B	30 ft. (9.1 M)	4 in. (100 mm)

**\*\* Note:** *The information provided within the above tables should be used as a guideline only. Please consult FLSmidth Krebs or your local representative to confirm the correct cyclone sizing.*

**Call for More Details . . .**

Contact our applications engineering group for complete details on how you can increase your plant productivity and cut costs with Krebs NEW Large Diameter Heavy Media Cyclones.

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