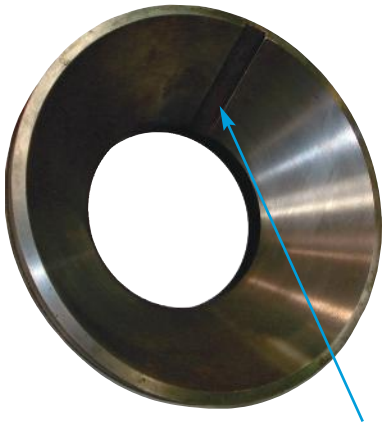
# EBARA K-Series

An increased frequency of submersible wastewater pumps clogging due to an abundance of improperly disposed materials entering waste streams have plagued pump manufacturers and municipal wastewater facilities over the past decade. Efforts by municipalities to restrict occurrences of such materials entering the system are not always successful.

Ebara DLKF series pumps are designed to tackle these challenges. The Ebara K-series submersible sewage pump maintains the same quality and durability of the Ebara DLF line but with enhanced passage capabilities for handling of fibrous waste.

Modified vane profiles.



Adjustable wear plate with an E-liminator groove.

The Ebara K-series design features address the most common reasons for clogging caused by fibrous materials. This design:

- Reduces material caught on the vane tips
- Increases inlet pressure which keeps debris moving instead of recirculating
- E-liminator groove disrupts the accumulation of fibrous debris.

When applied as designed, Ebara submersible DLF-series pumps continue to offer superior solids handling for up to three-inch spherical solids. In most applications the standard D-series design can sufficiently handle your pumping requirements, but when the situation calls for something more, choose Ebara K-series.

K-series pumps are available for new equipment sales and as a conversion kit for installed Ebara pumps.

## Field Trials

have shown that the Ebara K-series pumps have dramatically reduced and in some cases eliminated clogging pumps.

### South Carolina Municipality:

80DLMF (3 HP), multiple clogging occurrences per week pumps converted to 80DLMKF 9/24/09 – ***no clogs as of 9/2/2010***

### South Carolina Municipality:

80DLCMF (10 HP), two clogging occurrences per week pumps converted to 80DLCMKF 7/23/09 – ***no clogs as of 9/2/2010***

### South Carolina Municipality:

80DLMF (7 1/2 HP) multiple clogging occurrences per week, pumps converted to 80DLMKF 11/17/09 – ***no clogs as of 9/2/2010***

### Ohio Municipality:

100DLMF (15HP) , daily clogging occurrences upgraded to 100DLMKF 10/23/09 – ***no clogs as of 9/2/2010***

### Iowa Municipality:

100DLMF (10HP), multiple clogging occurrences per week, upgraded to 100DLMKF 11/12/09 – ***no clogs as of 9/2/2010***

### Florida Municipality:

150DLFU618 (25 HP) 11/5/09 two clogging occurrences per week, upgraded to 150DLKFU618 – ***no clogs as of 9/2/2010***



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