

## Installation, Operating and Maintenance Instructions for Kraemer "E" Type Dust Collector

After uncrating your new KRAEMER MFG "E" type dust collector, please check the motor for the correct voltage.

KRAEMER MFG "E" type dust collectors are not supplied with an electrical switch (unless specifically ordered and purchased). A licensed electrician is required to connect the motor, switch and electrical supply line. Run the fan and check to ensure the rotation turns toward the outlet (see diagram).



If this dust collector is in continuous use, please shake the filter bags every few hours. Filter bags will build up an excess filter cake inside and this has to be shaken down. Clean filter bags improve the performance of the dust collector.

The drum(s) should be emptied before they are completely filled. A tap on side of the drum will give a good indication of its capacity. To empty the drums, open the quick release toggle clamp, empty the drum and return to its former position.

The filters can be washed or dry-cleaned as they are resistant to shrinkage. If the colour of the filter bags changes from white to brown or even beige, the filter material is saturated and the bags need to be washed or dry-cleaned.

Do not mix wood and metal dust in the same dust collector. Metal chips and dust are warm and hot and may cause a fire or an explosion. A separate "CYN" type dust collector should be used to collect metal dust.

When first starting up your new KRAEMER MFG dust collector, a very small amount of dust may come through the filter bags. This will stop as soon as an initial filter cake has been established. A handful or two of filter aid (gypsum powder) will speed up this process.

If filter leaking persists, you do not have enough filter area and you will require a dust collector with more filter area. Several models are available. Our "E" type dust collector can accommodate up to three filter bags.

If an unusually large piece of material is pulled into the system, it will damage the fan blade (impeller) and the fan blade will have to be replaced. The aluminum fan blade will absorb most sparks that enter the collector. If a large piece enters the system and the fan blade does not break and gets stuck, the motor will burn out and have to be replaced or re-wound.

Your KRAEMER MFG "E" type dust collector should be located in a dry area, away from water and excessive moisture. The filter bags should not get wet, as moisture will clog them.

Our products are guaranteed against defects in materials/workmanship for one year from the date of purchase. Misuse or neglect will negate the warranty.

The motor manufacturer guarantees motors for six months.

Please Note: Warranty does not cover broken fan blades.

Lubrication Requirements		
Usage / Conditions		
1 *	One or two shifts per day	
2 *	Normal 24 hour continuous use	
3 *	24 Hour continuous use in dirty or moist locations	
4 *	High vibration or shaft end hot	
5 *	Seasonal (used only for part of the year)	
HP Range	Usage / Conditions	Relube Interval
Fractional to 7.5	1 *	5 years
Fractional to 7.5	2 *	2 years
Fractional to 7.5	3 *	6 months
Fractional to 7.5	4 *	6 months
Fractional to 7.5	5 *	start of season
10 to 40	1 *	3 years
10 to 40	2 *	1 year
10 to 40	3 *	6 months
10 to 40	4 *	6 months
10 to 40	5 *	start of season
50 to 200	1 *	1 year
50 to 200	2 *	9 months
50 to 200	3 *	3 months
50 to 200	4 *	3 months
50 to 200	5 *	start of season
Type of Equipment	Type of Grease	Generic
Eberle Motors	Beacon 325	Lithium Complex
Hyundai Motors	Beacon 325	Lithium Complex
Leeson Motors	Shell Dolium	Polyurea
VP Motors	Beacon 325	Lithium Complex
Weg Motors	Beacon 325	Lithium Complex
Other Motors	See Manufacturer	See Manufacturer
Pillow Blocks	Alvania Grease 2	Lithium
Gearboxes	Castrol Hypoy C	Gear Oil SAE 80W-90
<b>** Use of any non-compatible (Aluminum, Barium, Sodium or Bentone) grease will void warranty **</b>		

If you have any questions, please call us:

