



INSTRUCTION MANUAL

ClearFlo System Oil Filtration System

Models covered:
CF300000 / 700187
CF100000 / 700189
CF400000 / 700191
CF200000 / 700192

2150 Elmwood Avenue - Buffalo, NY 14207
P# 716-876-9951 - F#716-874-8048 - www.mokon.com

Oil Filtration Unit Operating Instructions

- Install filtration unit according to either method "A" or method "B" as shown on the attached schematics. For processes greater than 20 gpm, use method "C" or method "D" as side stream filtration.
- Purge all air from the filter housing by using the vent valve on top.
- To assure adequate flow to the process, make sure the bypass valve is partially open.
- Once the process is running at its normal, steady state condition, note the differential pressure reading on the gauge provided with the unit.
- A rise in differential pressure indicates the element is becoming clogged with debris.
- The element MUST be replaced when the differential pressure reads 25 psid.
- To change the element, the housing must be isolated by closing both the valve on the inlet of the housing, and the valve on the outlet side of the housing. Drain the oil from the housing. Unbolt the cap on top (4 bolts) and replace the dirty element with a clean one. Replace the cap, tighten the bolts, open the valves, vent the air and resume operation.
- For systems using side stream filtration, refer to the chart below for proper sizing of the bypass line:

Flow Rate GPM	Bypass Diameter - Inches
30	0.75
40	1.00
50	1.25
60	1.25
75	1.50

ClearFlo & ClearFlo PLUS WARRANTY

All new ClearFlo/ClearFlo PLUS filter systems manufactured by MOKON are guaranteed to be free from defective material or workmanship for a period of one (1) year from the date of purchase. MOKON'S obligation under the WARRANTY SHALL BE LIMITED, TO THE ORIGINAL CUSTOMER, TO REPAIR OR REPLACE DEFECTIVE PART(S) OF THE SYSTEM, UPON CUSTOMER COMPLIANCE WITH THE INSTRUCTIONS CONTAINED HEREIN. Upon discovery of any alleged defect, it is the responsibility of the customer to contact the MOKON service department with the complete model number, serial number and the date of purchase. MOKON'S obligation under this warranty is limited to make good, from or at its factory, any parts that are returned to the company (prepaid) and deemed to be defective, within the time frame of the warranty. The customer also has the option of forwarding the system to MOKON (Buffalo, NY), prepaid by the customer and with a return authorization from MOKON for inspection and component replacement or repair. Repair or replacement in any manner provided above shall constitute a fulfillment of all liabilities of MOKON concerning the quality of the ClearFlo/ClearFlo PLUS system. Expendable elements are not covered under this warranty.

No allowances, credits or reimbursements will be made for any replacement or repair made or provided for by the customer unless authorized in advance, in writing, by MOKON.

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