



The MTC HC-80 is a high capacity, multi-phase Tank Cleaning, Water/Sludge Removal and Fuel Transfer System used to clean fuel storage tanks and recondition, stabilize and decontaminate Diesel Fuel, Bio-Diesel, Light Oils and Hydraulic Fluids.

AXI's mobile tank cleaning systems excel in combining **High Capacity Filtration & Water Separation with Compact Design and Low Operating Cost** to provide Optimal Fuel Quality for Peak Engine Performance and Reliability.

- **SFC-55HC Smart Filtration Controller**
- **Compact Industrial Design**
- **High Capacity Fluid Processing**
- **Large Contaminant Holding Capacity**
- **Multiple Discharge and Sample Ports for Water Removal and Fuel Transfer**
- **Cleans Tanks while Reconditioning, Stabilizing, Decontaminating & Drying Fuel**
- **Eliminates Microbial Contamination**

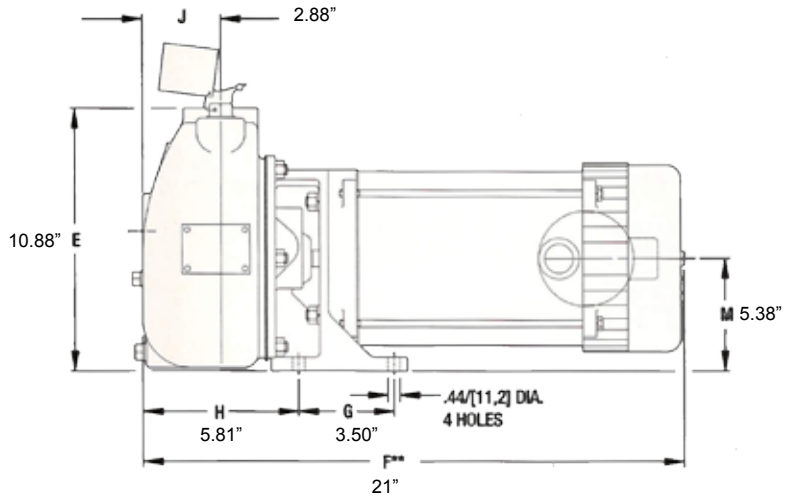
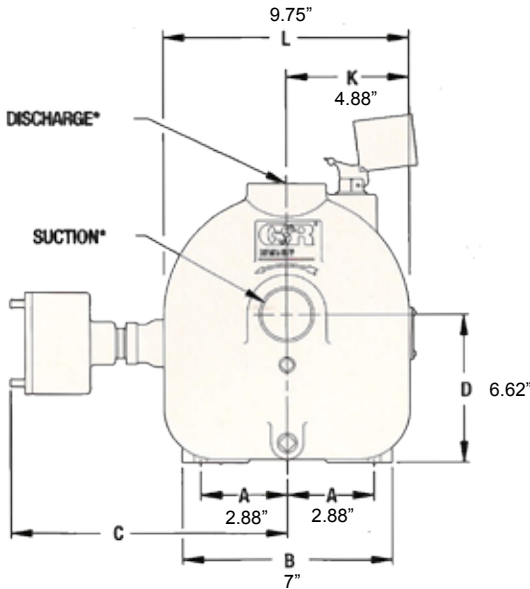
MTC HC-80 SPECS

System Capacity	80 GPM
Primary Filter	Carbon Steel Pre-Filter Housing, Quick Release, 3-Bolt Swing Cover, Drain Valve & Air Vent, Perforated SS Strainer Basket 9/64" (3.5mm) for use with Filter Bags or SS Liner
Liner & Filter Bags	Replaceable Filter Bags (1-1500 Micron) SS Basket Liners (60-850 Micron)
Secondary Filter	Carbon Steel Filter Housing, Quick Release 3-Bolt Swing Cover, Drain Valve & Air Vent
Filter Elements	Fine Filters 1-80 Micron Coalescing/Water Block Filters 1-30 Micron
Pump	2HP Self-Priming Centrifugal Pump 208-230V/60Hz 230V/50Hz 2" Ports (NPT) Handles Solids up to 3/8" (9mm), Viton Seals
Fuel Conditioner	LG-X 4000
Water Separator	RCM 1500 with Drain Valve & Air Vent
Ports	One Suction, Multiple Discharge & Sample Ports
Connectors	Cam & Groove Fittings and Covers
Hoses	25ft Clear Suction Hose (ID 2" - OD 2.5") 25ft Discharge Hose (ID 2" - OD 2.5")
Skid	Powder Coated Carbon Steel Lifting Eyes & Forklift Channels Large Containment Drip Tray with Drain
Dimensions	L36 x W45 x H58 inches L91 x W114 x H147 cm
Weight	563 lbs 255 kg
Controller	SFC-55HC
Instrumentation & Automation	Vacuum Gauges on Primary Filter Pressure Gauge on Pump Discharge Pressure Gauges on Secondary Filter AXI Watect 550 Water Sensor Alarm Module

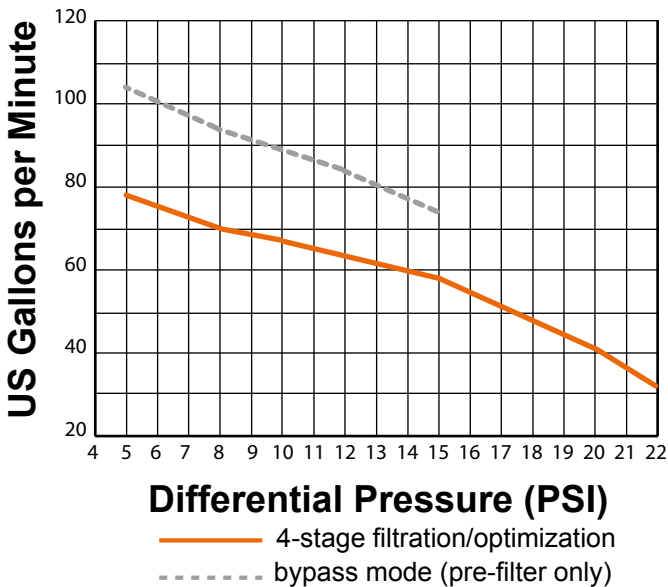
WARNING - This System is not meant for use with gasoline or with other flammable liquids having a flash point less than 100°F (38°C). Use with gasoline or any flammable liquids at a temperature exceeding their flash point, presents explosion and fire hazards.



HC-80 mobile tank cleaning systems are equipped with a self-priming centrifugal pump and a direct-coupled electric motor. General system layout and operation is very similar to the compressed air powered HC-50 system.



MTC HC-80 PUMP CURVE



MTC HC-80 PUMP SPECS

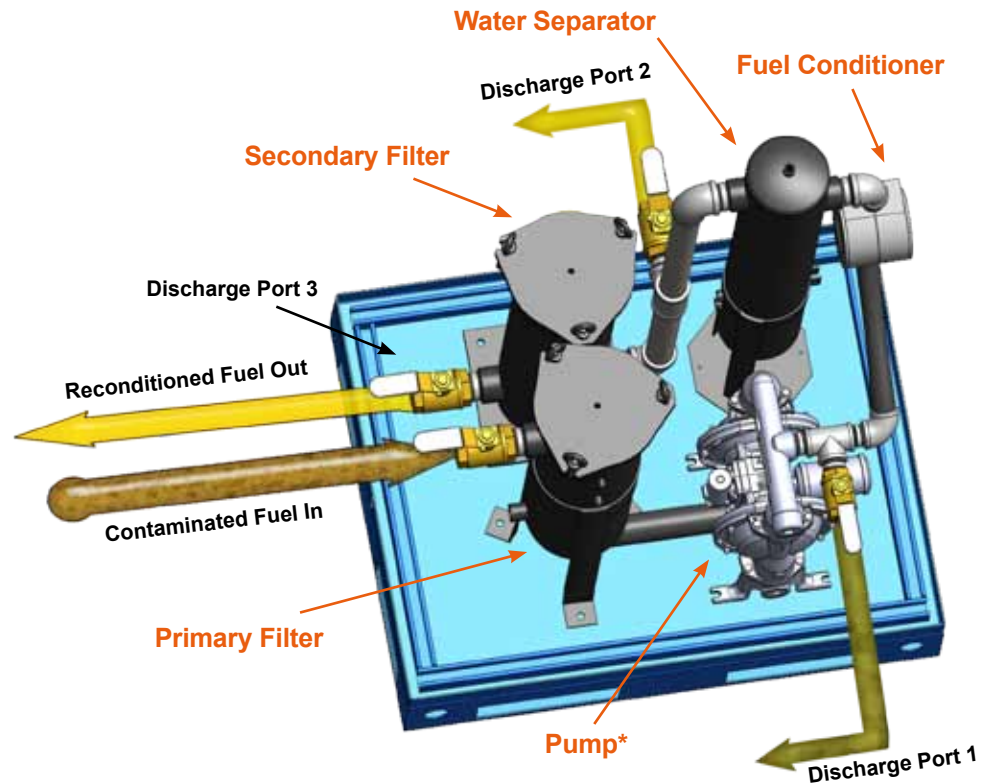
Pump	Cast Iron Pump with Viton Seals Handles Solids up to 3/8" Self-Priming to 20ft Max Capacity 80GPM 302 LPM Max Head 72ft Max 31 PSI
Motor	2HP Single Phase
Power	208v / 60Hz 220v / 50HZ 20 AMP Circuit required 11 Full Load Amps
Ports	2" NPT
Dimensions	7x21x9.75 inches 18x53x25 cm
Weight	101 lbs / 45.8 kg
Material	Cast Iron



The MTC HC-80 is equipped with a self-priming centrifugal pump rated at a maximum of 80 GPM. The system's operational flow rate depends on factors such as: suction lift, discharge head, hose length & diameter, pressure drop over the primary/secondary filters and separator.

HC-80 systems are used to effectively clean tanks, remove water & sludge and restore fuel quality or simply to transfer fuel from one tank to another. Using **Discharge Port 1** the HC-80 will efficiently remove fuel, water and sludge. Discharge Port 1 can also be used to transfer fuel to another tank while processing it through the Primary Filter.

Processing fuel through the Primary Filter, Fuel Conditioner, Separator and back to the tank through **Discharge Port 2** reconditions the fuel and cleans tanks at a high flow rate. Returning the fuel back to the tank through **Discharge Port 3** after the secondary filter completes the fuel dialysis and reconditioning process. Depending on the job, AXI offers a choice of filter bags for the primary filter and a variety of fine filters, coalescing filters and water block elements for the secondary filter.



*Air driven HC-50 shown, HC-80 discharge ports remain the same.

AVAILABLE OPTIONS:

- Digital Flow Meter
- Additional Hoses
- Sample Ports
- Skid Casters



AUTOMATION

The SFC-55HC is a fully automated Smart Filtration Controller with digital text readout of operating & alarm status. It provides an instant visual status report of system power, pump operation and alarms for high pressure, high vacuum and high water levels.



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