

Product Datasheet

50 LPM Fuel Polisher Set | Cabinet Mounted

Atlantis Product Code: PUM.FPS.C-50

Atlantis
StoraFuel Product

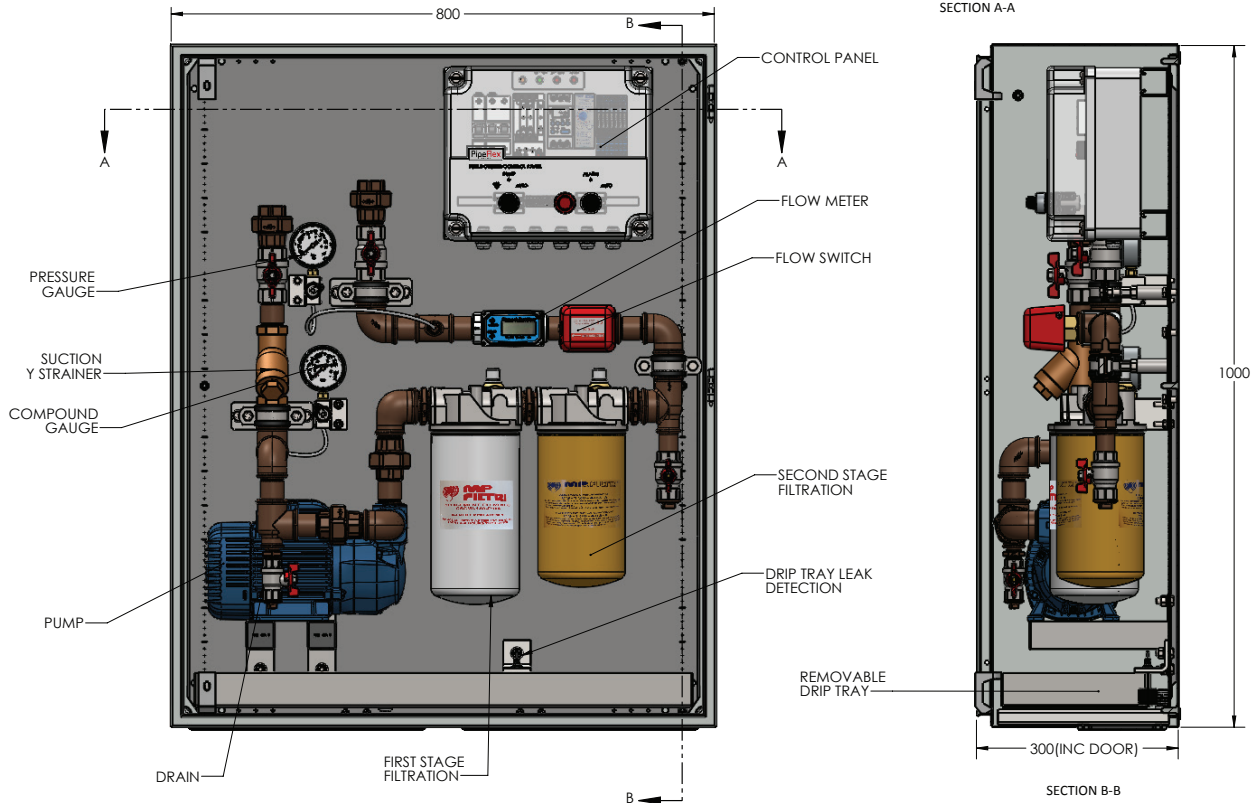
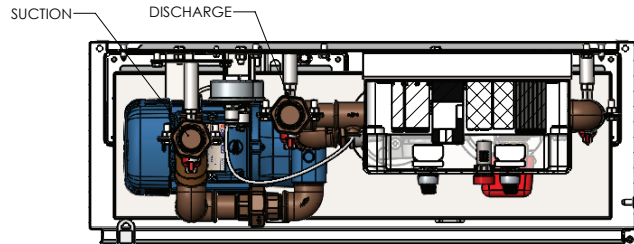


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FUEL POLISHER

Designed to maintain fuel at the clean oil standard
ISO4406:2017 - 18/16/13 particle count / less
than 200ppm water content by 2 stage filtration
process.



COMPONENTS

- Single phase 50Hz CKm80 self priming liquid ring pump.
- Flow rate up to 50 l/m - see next page for pump details.
- Control Panel with 7 day programmable digital timer.
- 4 volt free SPDT alarm contacts: Safety alarm, overload relay of pump, level alarm and power failure.
- First stage fuel filtration to 10 micron nominal with water absorption.
- Second stage fuel filtration to 3 micron absolute.
- Filters have pop up blockage indicators and integral bypass.
- Mesh screen Y strainer on inlet to remove large particulates.
- Digital display Flow Meter.
- Paddle Flow switch.
- Check Valve on outlet.
- Compound and Pressure Gauges.
- IP55 rated lockable enclosure with internal leak Monitored drip tray.

** Optional items on request:

- Extra filter blockage indication.
- Pump quick release coupling for chemical dosing.
- Particle counter test points.



CONTROL PANEL

- Internally mounted.
- HAND / AUTO selector switch for pump control.
- 7 day programmable digital timer to automatically run the pump at defined schedules.
- 4 volt free SPDT contacts: Safety alarm, overload relay of pump, level alarm and power failure.
- Panel will alarm and STOP pump if no flow or bund float switch triggered.
- TEST / OFF / AUTO switch for alarm light and buzzer
- Top row lamps for Power, Pump Running, Pump Tripped & Alarm.

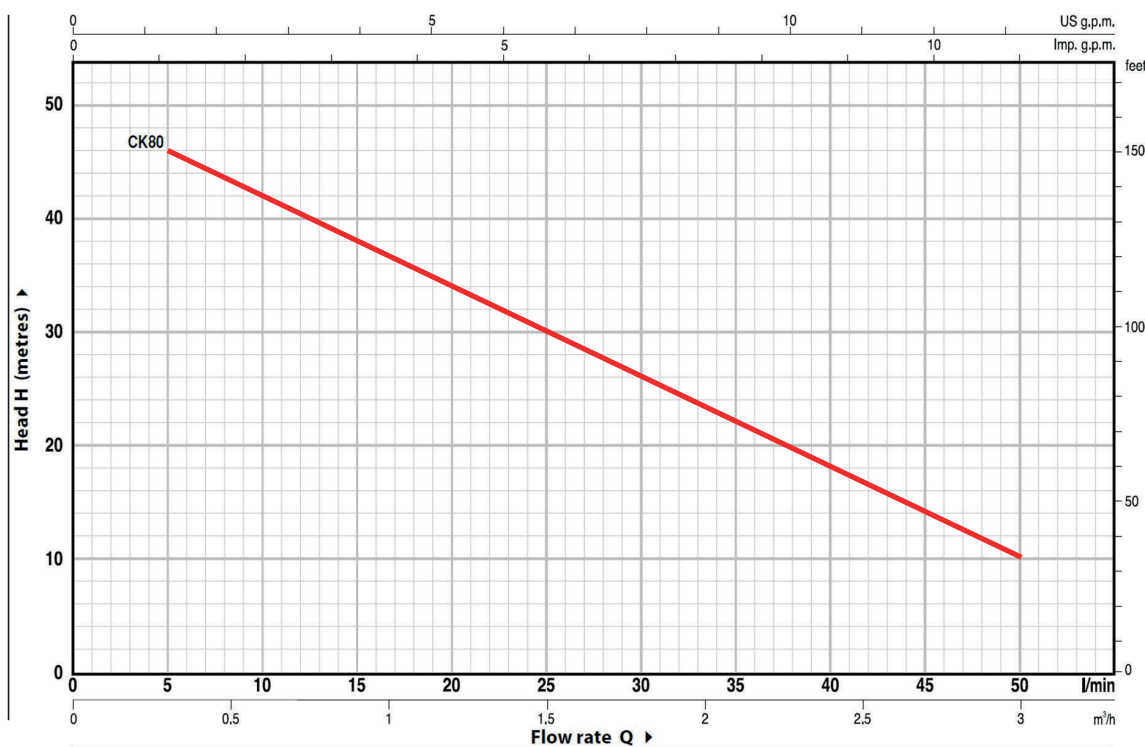


PUMP SPECIFICATIONS – Ckm80

- Flow rate: Up to 50 l/min (3 m³/h)
- Max. working pressure: 6 bar
- Liquid temperature: -10°C to +90°C
- Temperature of diesel: Up to +55°C
- Ambient temperature: Up to +40°C
- Motor: 0.55Kw 0.75HP Motor / Single phase 230 V (5.0 A) – 50 Hz with thermal overload protection,
- Continuous duty S1

Characteristic Curves And Performance Data

50 Hz n= 2900 min⁻¹ HS (Suction height) = 0 m



		Performance Data									
Flow Rate (Q)	m ³ /h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	3
	l/min	0	5	10	15	20	25	30	35	40	50