



*model pictured:
IUS-FMC-2CH-01C

Float Management Control

...helps prevent Sewage Pump Grinders from getting clogged!

The Float Management Control from Innovative Utility Solutions, LLC was designed to save wastewater utility companies headaches, time, and money!

The recent surge in the use of “flushable” wipes has put a tremendous strain on wastewater utility companies, as they (along with countless other strange objects) have a tendency of remaining lodged in the mouth of a grinder when the water level inside a tank drops. When the water level and float drop, power is cut off to the grinder even though it is not done chewing up the debris. When the water level does come back up and the grinder tries to kick back on, it cannot generate the amount of torque required to turn the clogged impeller or blades. The grinder must then be lifted and cleaned out by field personnel before it can function.

The Float Management Control (FMC) mounts inside the electrical panel powering a pump grinder and keeps the grinder from shutting down while it is in the middle of chewing up debris. The grinder will continue to function until the debris is gone. This means that the grinder remains clean and operational so it is ready when needed.

Installation must be performed by a qualified, licensed electrician, and will take as little as 15 minutes in most cases.



**INNOVATIVE
UTILITY
SOLUTIONS, LLC**

PO Box 131714, Tyler, TX 75713-1714
(903) 504-5767

<https://innovativeutility.com>

Float Management Control

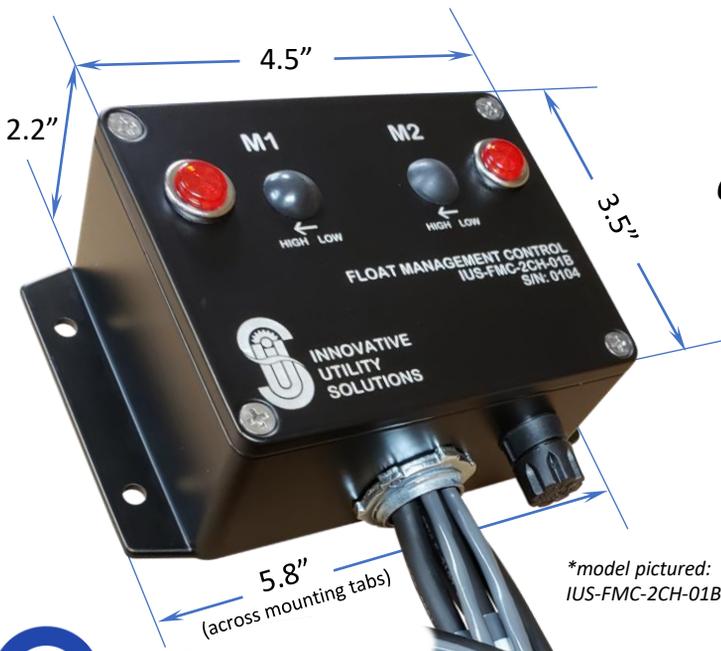
The Float Management Control (FMC) is available in single or two-channel setups to work with single or multiple-pump systems. This means that there is an option for every residential or commercial/industrial application. The 2CH-01 model will work with 120-, 240-, or 480VAC (single- or 3-phase) systems, so long as the voltage going through the Off Float is 120V. It will work with any pump grinder that has a normal (continuous) load of 40A or less. However, *larger custom units can be built to meet heavier demands.*

The addition of the FMC to the electrical panel does not interfere with a grinder's thermal overload or current overload circuit, so the pump grinder is still able to shut down if it is not able to grind the debris without causing damage to the grinder.

TECHNICAL DATA

- Dimensions: 3.5" x 4.5" x 2.2"
- Channels: 2 (for 2 pump grinders)
- AC Current Measurement Range: 0.5A - 50A max
- Maximum Continuous Current (under normal load): 40A
- Works with 120-, 240-, or 480VAC (single- or 3-phase) systems, so long as the voltage going through the Off Float is 120V.
- *Larger custom units can be built to meet heavier demands.*

IUS-FMC-2CH-01



Lease and Purchase options are available!



INNOVATIVE
UTILITY
SOLUTIONS, LLC

PO Box 131714, Tyler, TX 75713-1714
(903) 504-5767
<https://innovativeutility.com>