

Attachment A

The EZ Fill 2.0 digital fluid dispenser is required for use for this project. Product sheet attached below for reference.

fillit

EZ FILL

Central Dosing System

FILL YOUR MACHINE'S COOLANT WITH THE PRESS OF A BUTTON

Step 1 - Set Desired Gallons

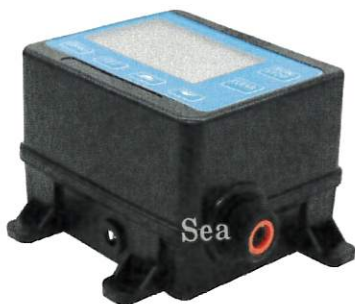
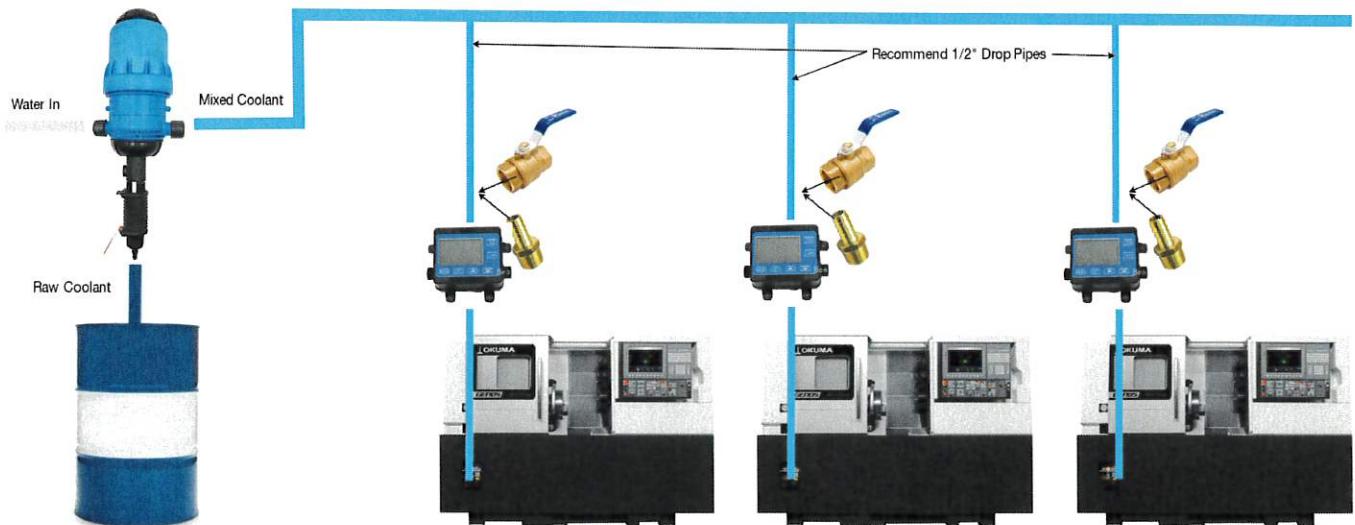
Step 2 - Press Button

Step 3 - Walk Away!

EZ FILL will accurately measure and dispense desired quantity of coolant into a machine's sump/tank and automatically shut off until next button press.



Recommended Layout for Centrally Plumbed Coolant



EZ Fill is a computer controlled dispensing tool that allows the machine tool operator to fill their coolant tank without the risk of accidental overflows - leading to costly and dangerous spills. Internal components are housed in a splash resistant enclosure with directions on inside cover.

Power	110V -> 24V
Input Threads	G1/2"
Outlet Threads	G1/2"
Working Pressure	3-116 PSI
Enclosure	Water Resistant
Cord Length	5'

EZ FILL 2.0

Digital Fluid Dispenser



The EZ Fill is a 110V computer controlled unit with integrated valve and meter contained in a water-resistant enclosure. A 5' power plug is included along with (2) elbow swivel 1/2" tube adapters. Unit can also be hard plumbed into 1/2" PVC pipe fittings

With an easy to navigate menu, setting the desired gallons is quick. Once desired gallons are set, simply press "RUN" and walk away.

The EZ Fill was designed to mount on or near a machine tool (mill, lathe etc.) and close to the coolant tank. With the simple press of a button, the operator can accurately dispense the desired *quantity* of coolant directly into the sump without the risk of accidental overflows. Unlike other fluid timers, this dispenses by **QUANTITY**, not time.

The EZ Fill was conceptualised with 2 main goals in mind:

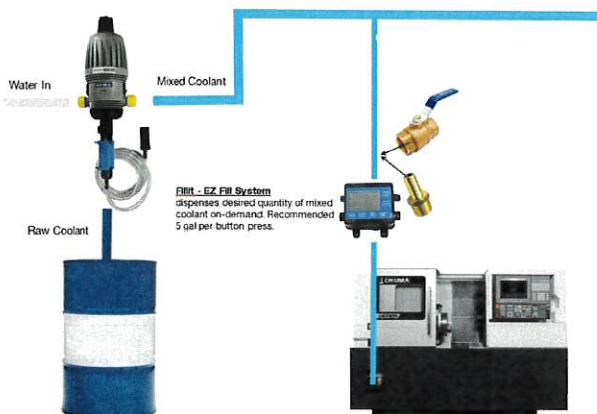
- 1) Make it quicker and easier for a machine tool operator to fill their coolant sump(s).
- 2) Prevent costly and dangerous overflows due to a forgotten open valve.

The EZ Fill achieves both of these goals by allowing the operator to quickly fill their machine with coolant without worry.

*We recommend a push-button fill of 5 gallons. On average, during an 8 hour shift, a machine tool will lose approximately 5 gallons of its volume. This means that an operator should only have to push a button once at the beginning or end of their shift. (Quantity is adjustable from .1-999 gallons)



Recommended Layout



The EZ fill is intended for use in manufacturing facilities where coolant is centrally plumbed through a header with a drop line to each machine. The system should begin with an adjustable water-driven style mixer (Like our Mix Rite Mixer) that will pull coolant from a drum or tote and precisely mix it with attached water source and send it to each machine ready for the user to hit RUN on the EZ Fill.

Drop lines from header may be 1/2" or 3/4", however inlet to EZ Fill unit is 1/2" thread or 1/2" barb (with included fittings).

As seen in diagram, it is best to include a manual ball valve before EZ Fill if service is ever required.