

CHEMICAL FEED CONTROLLER

MODEL CF-12/1G CF-12/2G

The CF-12 is a stand alone interface module that automatically actuates a chemical feed pump when primary bulk fluid begins to flow.

This module can be used in isolated stand alone systems or part of large complex systems.

Model CF-12 is available for 120VAC, 50-60 Hz power as standard.

Available with 1 or 2 sets of receptacles.



**12' 16/3 AWG
CORD LENGTH**

KEY FEATURES

Working Temp	180°F (82°C) Maximum
Working Pressure	250 psi (1724 kPa)
Process Connection	3/4" NPT (1/2" Option Available)
Electrical Switch	SPNO
Voltages	120V 50/60 Hz
Enclosure	NEMA 3R / IP 14

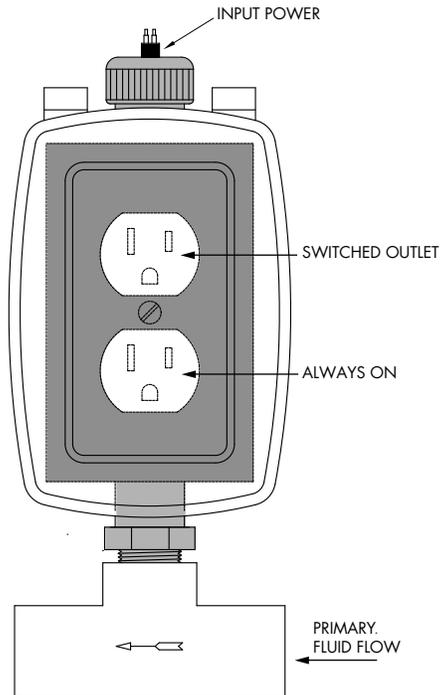
TYPICAL USES

For metering and/or adding chemicals in both continuous and batch fluid systems such as:

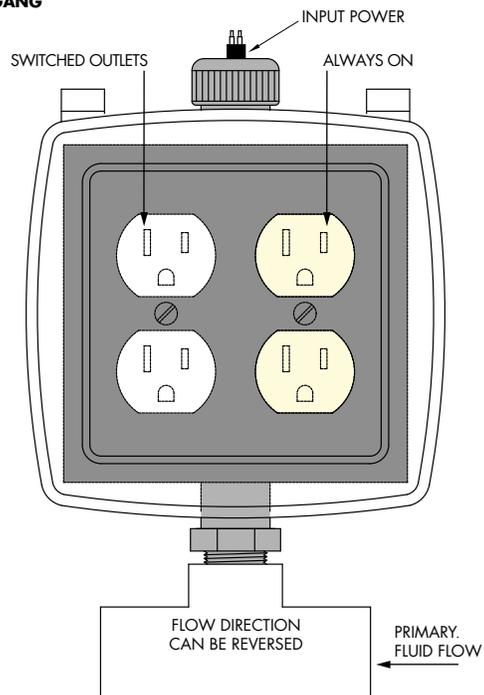
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|------------------------|---------------------------------|
| Well Water | Cooling Tower pH/orp Control |
| Drinking Water | Metal Plating Make Up Solutions |
| Waste Fluid Processing | Boiler Treatment Additives |

PRODUCT DIAGRAM

1 GANG



2 GANG



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v8.01

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MODEL CF-12/1G CF-12/2G

MODEL SELECTION CHART		
Flow Range (Water calibrated at 70°F / 21°C) Accuracy ±10%		
PRIMARY FLOW LINE SIZE	PRIMARY FLOW ON/OFF SET POINT (GPM)	
	ON	OFF
3/4"	0.9	0.8
1"	1.1	1.0
1 1/2"	2.8	2.5
2"	4.9	4.4

Note: Consult factory for larger pipes and lower ON/OFF switch set points.

SAMPLE PART NUMBER		
	CF-12N	-1G /1
	BASE MODEL	
		1G OR 2G
		PIPE SIZE

EXAMPLE: CF-12-1G/1"

WORKING PRESSURE

250 psi max. continuous

WORKING TEMPERATURE

180°F max. continuous.

SHOCK OPERATION

10g for 11ms with no contact open.

SHOCK LIMIT

10g

WETTED MATERIALS

Body and Bushing: Noryl® (PPO)
(10% glass fibers)
PVC Tee

Blade: 316 stainless steel
Seal: Epoxy

ELECTRICAL SWITCH CHARACTERISTICS

Feed pump motor maximum contact ratings.

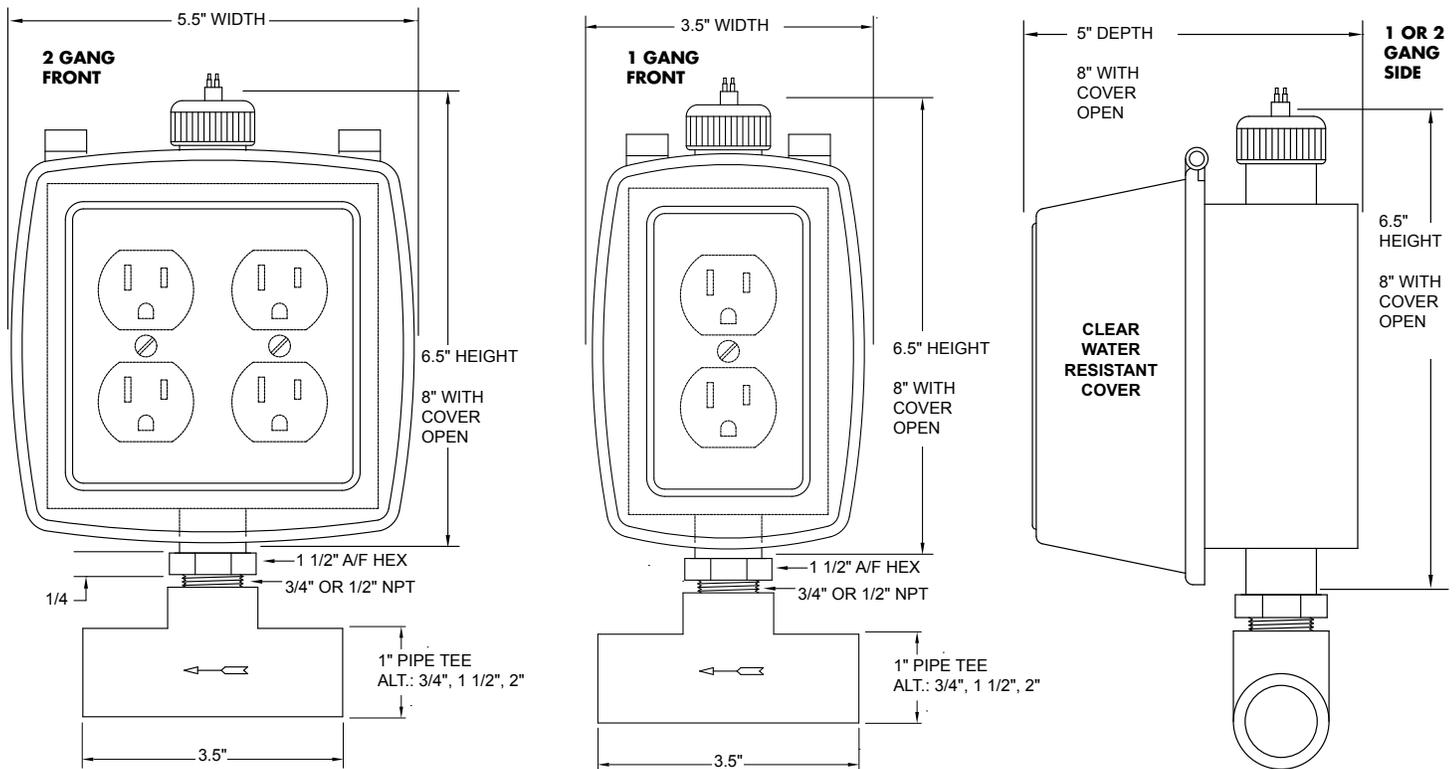
VOLTAGE: 120VAC

LOAD TYPE (RESISTIVE): 13A

MOTOR: 1/2 hp

SWITCH CONTACTS: SPNO

INSTALLATION DIMENSIONS



- Installation drawing and a numbered parts list is supplied with each unit.
- Special one-day delivery is available.