

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 (1.724 MPa)
Process Connection	¾" NPT (½" Option Available)
Electrical Switch	SPNO
Voltages	120V 50/60 Hz
Enclosure	NEMA 3R / IP 14

TYPICAL USES

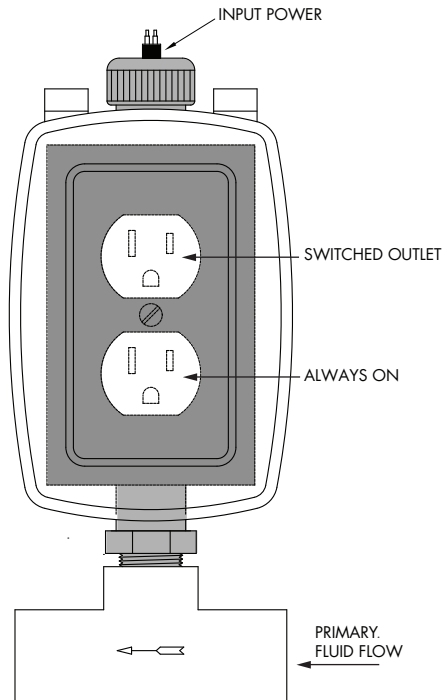
For metering and/or adding chemicals in both continuous and batch fluid systems such as:

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

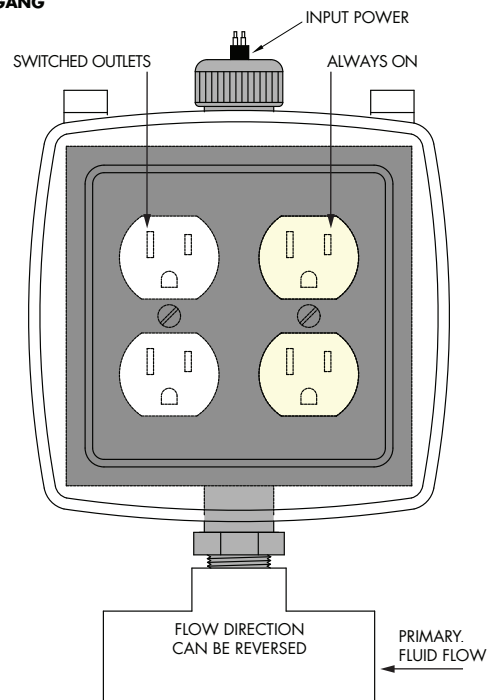
ALSO SEE:
CF-112: Light Duty
CF-12: Medium Duty
CF-8: Heavy Duty

PRODUCT DIAGRAM

1 GANG



2 GANG



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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	
¾"	0.9	0.8	
1"	1.1	1.0	
1½"	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			
	OPTION 1: CF-12N	/G	/PIPE
BASE MODEL AND PART NUMBER	1G	1	120
	1G OR 2G		
		PIPE SIZE	
		VOLTAGE	

EXAMPLE: CF-12N/1G/1/120

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

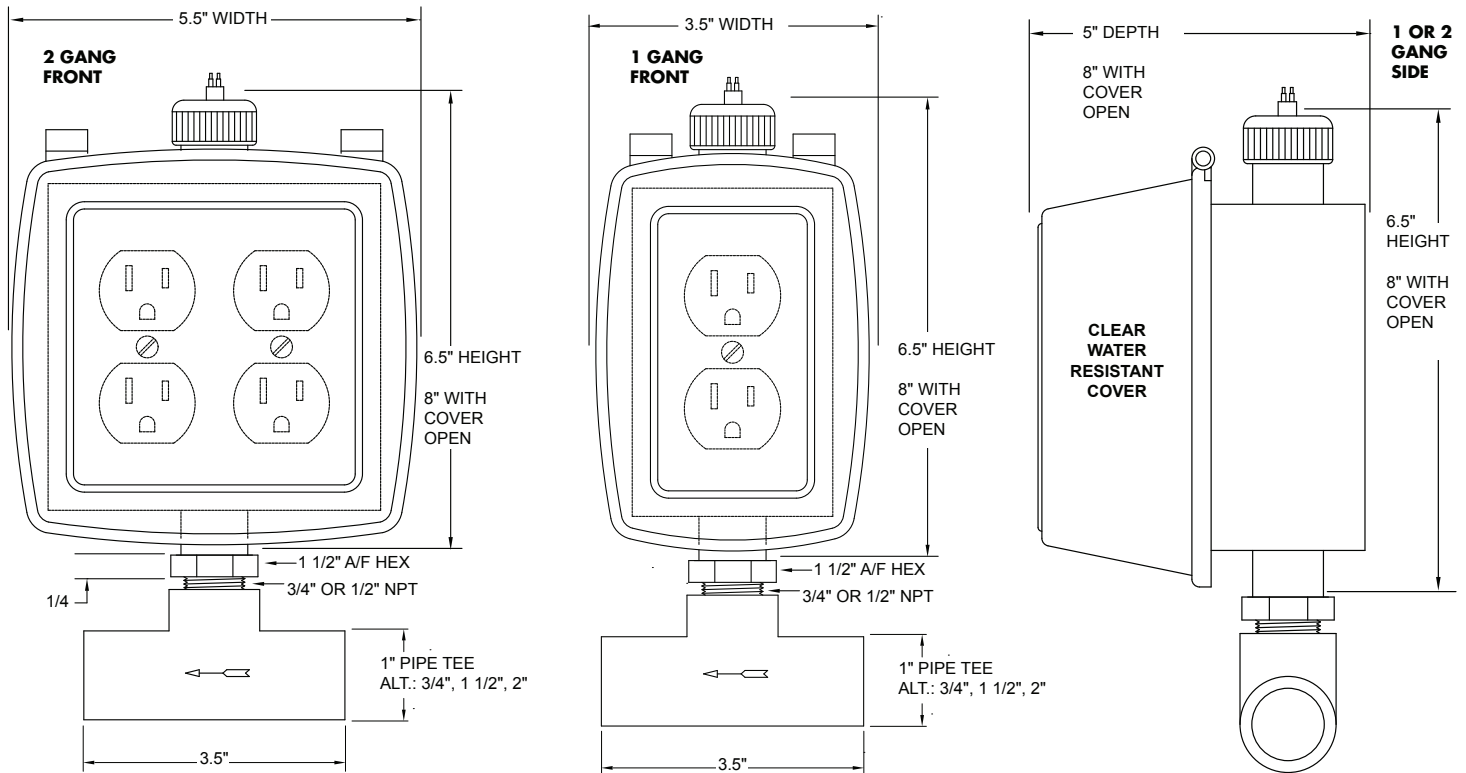
Blade: 316 stainless steel
Seal: Epoxy

ELECTRICAL SWITCH CHARACTERISTICS

Feed pump motor maximum contact ratings.

VOLTAGE: 120VAC
LOAD TYPE (RESISTIVE): 13A
MOTOR: ½ hp
SWITCH CONTACTS: SPNO

INSTALLATION DIMENSIONS



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