

MYERS[®]
MODELS CGL, CG, CGNC,
CWHV3, CWHV4 AND CNC
**SINGLE AND THREE-PHASE SIMPLEX
AND DUPLEX CONTROL PANELS**

MYERS®

Quality Electrical Components Assure Reliable, Automatic Pump Operation

- IEC horsepower-rated motor contactors/starters rated at over 1 million cycles.
- Designed for use with standard mercury float switches. Uses three for simplex (off-on-alarm), four for duplex (off-on-override-alarm).
- Solid state alternating relay to equalize pump wear (duplex only).
- Override relay to start second pump if first one fails for any reason (duplex panels only).

Corrosion-Resistant for Long Life

- Outdoor NEMA 3R enclosures of galvanized steel with gray enamel finish and steel back panels (except CGL).
- Weathertight NEMA 4X fiberglass enclosures with aluminum back panels (CGL only).

Meets NEC and UL (508) Standards for Safety

- UL-approved panel designs (label installed only on request).
- Individual pump circuit breakers.
- Control circuit transformer with primary fusing.
- Separate control and alarm circuit fuses.

Panel Dimensions and Optional Features

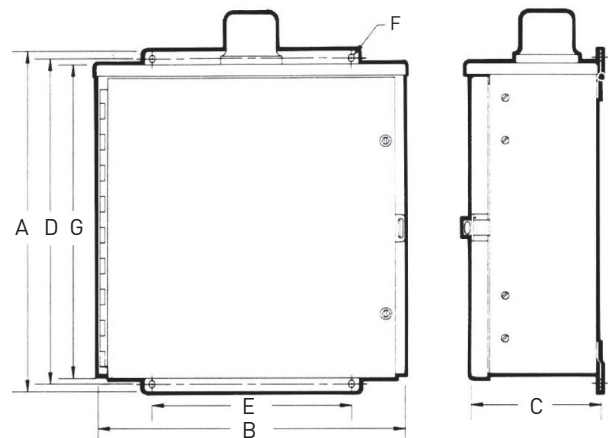
- Elapsed Time Meter
- Alarm Bell or Horn
- Alarm Bell or Horn with Silence Switch
- Auxiliary Alarm Contacts
- Condensation Heater
- Convenience Outlet
- Intrinsically Safe Relays
- Lightning Arrestor
- Full Inner Door (CGL only)
- Cycle Counter
- 115 or 24 Volt Control Circuit Transformer
- Transfer Switch/Generator Receptacle
- Lag Pump Delay Circuitry (duplex only)
- Low Level Cut-Off and Alarm
- Low Voltage Circuitry

Other options available.
Consult factory for applications.

NOTE: Some options may increase enclosure size.

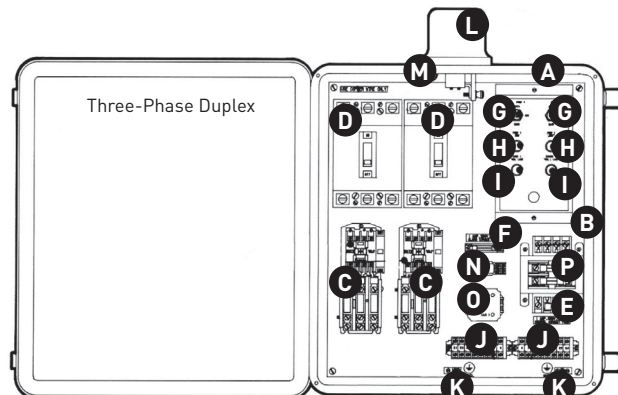
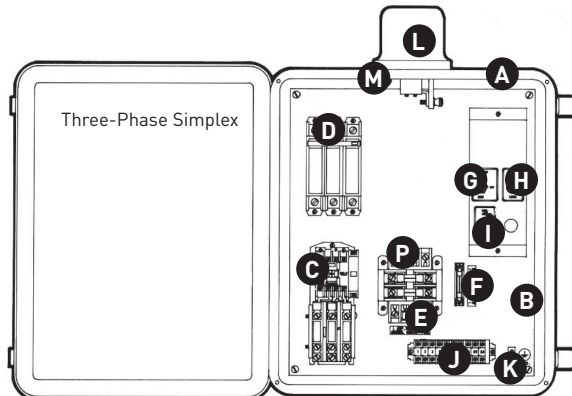
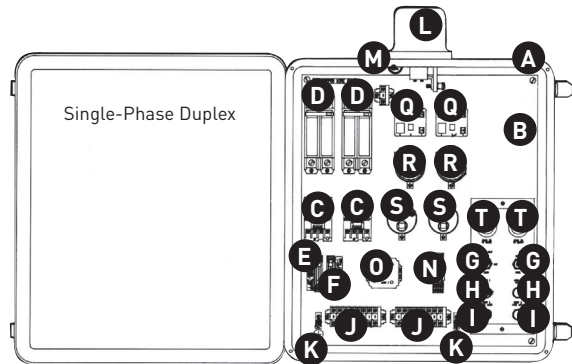
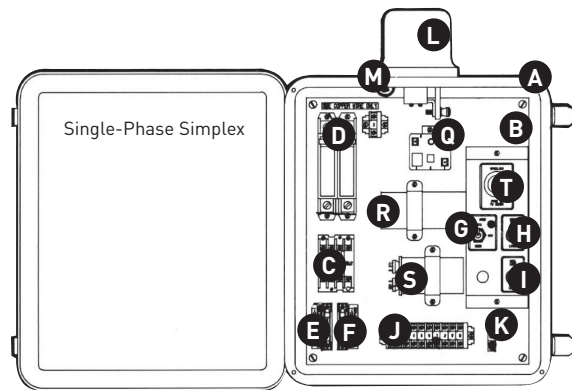
Single-Phase Enclosure Dimensions				
Panel	CGL Simplex 1 ph.	CG, CNC,CWHHV Simplex 1 ph.	CGL Duplex 1 ph.	CG, CNC, CWHV Duplex 1 ph.
Material	Fiberglass	Fiberglass	Fiberglass	Fiberglass
A	15-1/2	17-1/2	19-5/8	19-5/8
B	13-3/8	15-7/16	17-1/2	17-1/2
C	7-3/4	7-11/16	10-5/8	10-5/8
D	14-5/8	16-3/4	18-7/8	18-7/8
E	10	12	12	12
F	5/16	5/16	5/16	5/16

Three-Phase Enclosure Dimensions										
Panel	CGL Simplex	CGL Duplex	1 - 15 HP Simplex		1 - 15 HP Duplex		20 - 60 HP Simplex		20 - 60 HP Duplex	
			208/230V	460V	208/230V	460V	20-25 HP	30-60 HP	20-25 HP	30-60 HP
Material	Fiberglass	Fiberglass	Steel		Steel		Steel		Steel	
A	17-1/2	19-5/8	22	26	32	26	32	38	36	
B	15-7/16	17-1/2	20		24	20	24	24	36	
C	7-11/16	10-5/8	8-3/8		8-3/8	8-3/8		8-3/8	12-3/8	
D	16-3/4	18-7/8	21	25	31	25	31	31	37	
E	12	12	13		17	13	17	17	27	
F	5/16	5/16	3/8 x 1/2		3/8 x 1/2	3/8 x 1/2		3/8 x 1/2	3/8 x 1/2	
G	--	--	20	24	30	24	30	30	36	



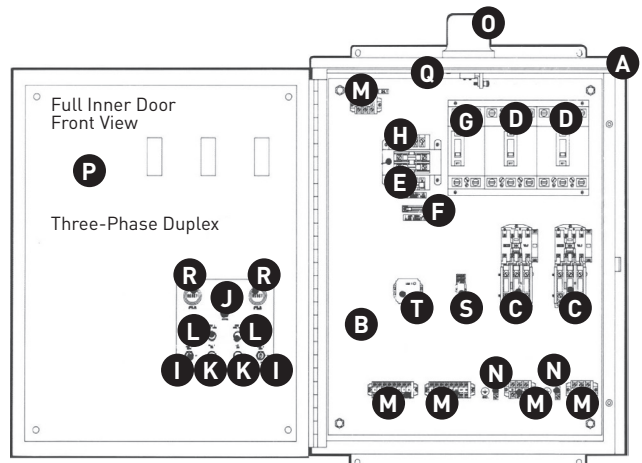
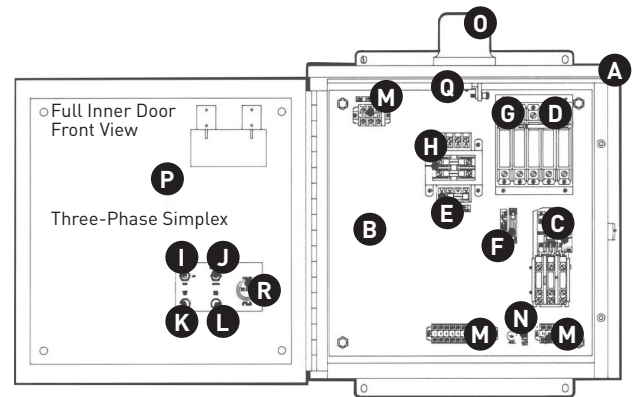
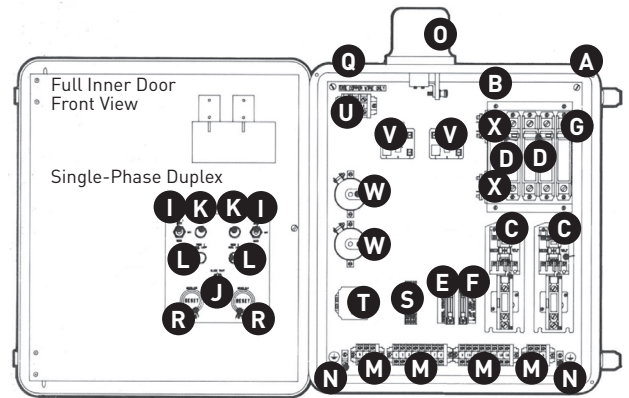
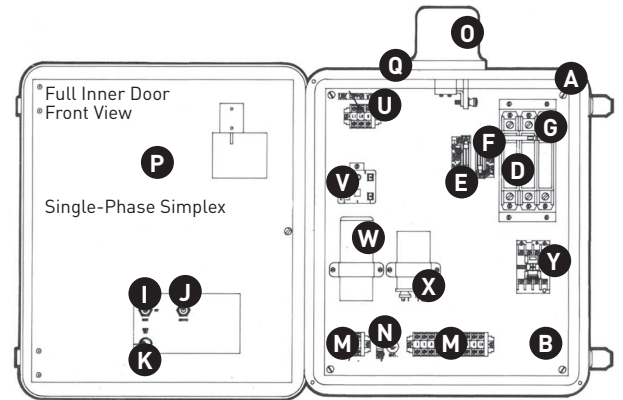
Standard Panel Features for CGL

- A.** Corrosion-Resistant Enclosure
NEMA 4X fiberglass (outdoor).
- B.** Aluminum Back Panel
- C.** IEC Motor Starter/Contactors
- D.** Pump Circuit Breaker(s)
- E.** Control Circuit Fuse
- 1 Amp.
- F.** Alarm Circuit Fuse
- 1 Amp.
- G.** Hand-Off-Auto Switch
- Momentary in-hand.
- H.** Pump Run Light
- Amber.
- I.** Seal Leak Light
- Red (only on units with detector).
- J.** Terminal Blocks
- K.** Ground Lug
- L.** Flashing Alarm Light
- Mounted on top of enclosure (red).
- M.** Solid State Flasher
- N.** Override Relay
- In event of first pump failure (duplex only).
- O.** Alternator Relay
- Solid state (duplex only).
- P.** Control Circuit Transformer
- (Three-phase only).
- Q.** Start Winding Relay(s)
- (Single-phase only).
- R.** Starting Capacitor(s)
- (Single-phase only).
- S.** Running Capacitor(s)
- (Single-phase only).
- T.** Klixon® Overload
- (Single-phase only).



Standard Panel Features for CG, CGNC, CNC, CWHV3 and CWHV4

- A.** Corrosion-Resistant Enclosure
- B.** Back Panel
- C.** IEC Motor Starter
3-Pole bi-metal overload relay (three-phase only),
1-Pole bi-metal overload relay (single-phase only – not on CWHV3).
- D.** Pump Circuit Breaker(s)
Lock-out tab(s).
- E.** Control Circuit Fuse
- F.** Alarm Circuit Fuse
- G.** Control Circuit Breaker
- H.** Control Circuit Transformer
(Three-phase only).
- I.** Hand-Off-Auto Switch
Momentary in-hand position.
- J.** Alarm Test Switch
- K.** Pump Run Light(s)
Amber.
- L.** Seal Leak Light(s)
Red (except CWHV3).
- M.** Terminal Blocks
- N.** Ground Lugs
- O.** Flashing Alarm Light
Mounted on top of enclosure (red).
- P.** Full Inner Door
- Q.** Solid State Flasher
- R.** Overload Reset Button
(Not on CWHV3 single-phase).
- S.** Override Relay
In event of first pump failure (duplex only).
- T.** Alternator Relay
Solid state (duplex only).
- U.** Incoming Power Terminal Blocks
(Single-phase only).
- V.** Start Winding Relay(s)
(Single-phase only).
- W.** Starting Capacitor(s)
(Single-phase only).
- X.** Running Capacitor(s)
(Single-phase only).
- Y.** IEC Motor Contactor(s)
(Single-phase CWHV3 only).



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