0.75

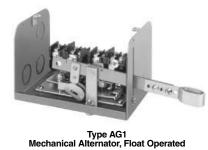
Product Information

17320024 01

Float Switches

Class 9038—Types A, B, C—Mechanical Alternators

Type A Open Tank—Alternators are designed to provide motor alternation in the operation of two motors.

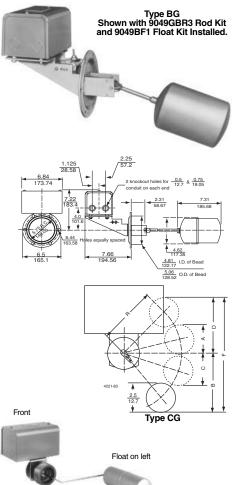


| Application | Deserintio | NEI | | Type 1 | NEMA Type 4 | | 1 | NEMA Type 7 a | |
|--|------------|-----------------------------|---------------|--|---------------|--|------------|----------------------|---------------|
| Application | Descriptio | | Туре | Price | Туре | Pr | ice | Туре | Price |
| For Open Tank or Sump Systems Using Duplex Pumps F | l ed | AG1 | AW1 | | AR1 | | | | |
| or use with Class 9049 Floa | at Accesso | ries liste | ed on pa | ige 20-12. Typ | e AW, AR alte | ernato | rs MUST | use center | hole floats. |
| Туре | Comp. | Comp. Spring (No Form C) | | Maximum Weight of Rod and Stops That Can Be Supported By Compensating Spring (Form C) | | Length of Rod Which Can Be Supported with Compensating Spring at Max. Adjust. | | | |
| | | Force Up∎ | Force Down | Note: AW1 and AR1 have compensating spring standard. | | | Brass ▲ | Stainless Steel ▲ | Aluminum ▲ |
| Table Of Operating Ford | es - Type | s AG, A | R and | AW | | | | | |
| AG1 (Min. Lever Ext.) | | 18 oz. | 20 oz. | | 47 oz. | | 10 ft. | 12 ft. | 25 ft. |
| AG1 (Max. Lever Ext.) | | 16 | 17 | 41 | | | 8 | 10 | 21 |
| AG1 Form R (Min. Lever Ext.) | | 14 | 16 | 33 | | | 7 | 8 | 17 |
| AG1 Form R (Max. Lever Ext.) | | 11 | 12 | 30 | | | 6 | 7 | 15 |
| AR1, AW1 (Standard Lever) | | | | 74 | | | 16 | 20 | 41 |
| | | | 85 | | | 19 | 23 | 47 | |

Class 9038 Type A

Add 2 oz. for Form N5 High Water alarm.

Types B, C Closed Tank--Flange mounted with bellows seal for control of liquid level within a closed tank. Build up the switch to meet your requirements from the basic switch, rod kit, and float kit groups below.



| Class 9038 Basic Switch | NEMA Type 1 | | NEMA | Type 4 | NEMA Type 7 & 9 | | |
|------------------------------|-------------|-------|------|--------|-----------------|-------|--|
| Float Rod Lever Figure No. | Туре | Price | Туре | Price | Туре | Price | |
| 1—Above and below centerline | BG21 | | BW21 | | BR21 | | |
| 2-Below centerline | BG22 | | BW22 | | BR22 | | |
| 3—Vertically mounted switch | BG23 | | BW23 | | BR23 | | |
| | | | | | | | |

| Class 9049 Rod Kits For Use With 9038 T | ype B |
|---|-------|
| | |

| Length of Rod | Brass | 5 | #316 Stainless Steel | | | |
|--|---|-------|---|-------|--|--|
| (Inches) "R" | 9049 Type | Price | 9049 Type | Price | | |
| 3" 5" 7" 9" 11" 13" Special Lengths♦ | GBR3 GBR5 GBR7 GBR9 GBR11 GBR13 GBR99 | | GSR3 GSR5 GSR7 GSR9 GSR11 GSR13 GSR99 | | | |

Recommended maximum length is 36 inches.

| Class 9049 Float Kits For Use With 9038 Type B | | | | | | | | |
|--|--|--|--|--|--|--|--|--|
| Desci | Price | | | | | | | |
| #304 Stainless Steel #316 Stainless Steel | Class 9049 Type BF1 Class 9049 Type BF2 | | | | | | | |

Type C switches are attached to the tank by means of a $2^{1}\!/_{2}$ inch screw-in connection. An external pointer indicates the float position within the tank when the unit is mounted. Switches come complete with screw-in connector, stainless steel float and rod.

| Class 9038 Type C | | | | | | | | | |
|---|--------------------------------------|---------------------------------|---------------------------------|------|----------------|------|-------------------|------|-------|
| Float Position Viewed from Front of Switch Facing Indicator Scale | Approx. Water Level "R" Change | | NEMA Type 1 | | NEMA Type 4 | | NEMA Type 7, 9 | | |
| | | Min | Max | Туре | Price | Туре | Price | Туре | Price |
| Right | 7" | 6 ¹ /2" | 13" | CG31 | | CW31 | | CR31 | |
| Left | 7" | 6 ¹ /2" | 13" | CG32 | | CW32 | | CR32 | |
| Right | 4 ¹ / ₄ " | 4" | 7 ³ / ₄ " | CG33 | | CW33 | | CR33 | |
| Left | 4 ¹ / ₄ " | 4" | 7 ³ /4" | CG34 | | CW34 | | CR34 | |
| Right | 5" | 4 ³ / ₄ " | 9 ¹ / ₄ " | CG35 | | CW35 | | CR35 | |
| Left | 5" | 4 ³ / ₄ " | 9 ¹ / ₄ " | CG36 | | CW36 | | CR36 | |

| | Float Travel Adjustments For Class 9038 Type C | | | | | | | | | | |
|---|--|--------------------------------|--|--------------------------------|-----------------|--|--|--------------------------------|---------------------------------|--|--|
| "R" | | | Minimum | | | Maximum | | | | | |
| п | Α | В | С | D | F | Α | В | С | n $\frac{D}{5^{1/4^{u}}}$ | F | |
| 4 ¹ / ₄ " 5" 7" | 2" 2 ¹ / ₄ " 2 ¹ / ₂ " | 3 ¹ /2" 4" 5" | 2 ¹ /2" 2 ³ /4" 2" | 3 ¹ /2" 4" 5" | 7" 8" 10" | 3 ¹ /2" 3 ³ /4" 5" | 4 ³ / ₄ " 5 ¹ / ₄ " 7" | 3 ³ /4" 3" 4" | 5 ¹ / ₄ " | 9 ¹ /2" 10 ¹ /2" 14" | |

For Replacement Float, see Type 9049 HF page 20-12

Type CG36