

## E.2 SERIES CIRCULATORS

### E19.2/E19.2B | SUBMITTAL

File No: 10.607  
Date: JUNE 25, 2012  
Supersedes: 10.607  
Date: MARCH 15, 2012

Job: \_\_\_\_\_ Representative: \_\_\_\_\_  
Order no.: \_\_\_\_\_ Date: \_\_\_\_\_  
Engineer: \_\_\_\_\_ Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_  
Contractor: \_\_\_\_\_ Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

| QUANTITY | TAG NO. | PART NUMBER | FLOW (USgpm) | HEAD (FEET) | VOLTAGE | PHASE | COMMENTS |
|----------|---------|-------------|--------------|-------------|---------|-------|----------|
|          |         |             |              |             |         |       |          |
|          |         |             |              |             |         |       |          |

#### TECHNICAL DATA

**Flow range:** 0 to 90.0 USgpm (0 to 5.7 L/s)  
**Head range:** 0 to 23.0 feet (0 to 7.0 m)  
**Max/Min fluid temp:** 230°F/40°F (110°C/4°C)  
**Max. working pressure:** 150 psi (1034 kPa)

#### MOTOR DATA

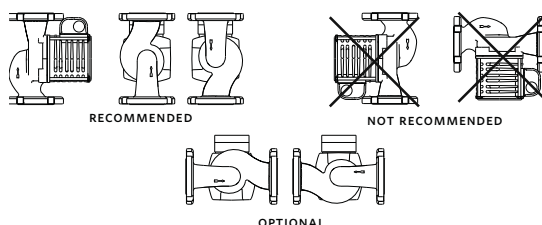
|                                               |                         |      |      |      |
|-----------------------------------------------|-------------------------|------|------|------|
| <b>Voltage</b>                                | 120V                    | 208V | 240V | 277V |
| <b>Full load amp draw</b>                     | 3.4A                    | 1.8A | 1.8A | 1.8A |
| <b>Nominal power:</b> ¾ hp (300W)             | <b>Frequency:</b> 60 Hz |      |      |      |
| <b>Motor type:</b> Two pole, Single phase ODP | <b>Speed:</b> 3450 rpm  |      |      |      |

#### MATERIALS OF CONSTRUCTION

**Pump body:** Cast iron (closed systems)  
Bronze (lead free for open systems)

**Face plate:** Stainless steel      **Shaft:** Stainless steel  
**Impeller:** 30% Glass-filled noryl      **Volute gasket:** EPDM  
**Bearings:** Permanently lubricated stainless steel  
**Seal:** Silicon carbide enviroseal c/w viton elastomer

#### MOUNTING ORIENTATION FOR INDOOR USE ONLY



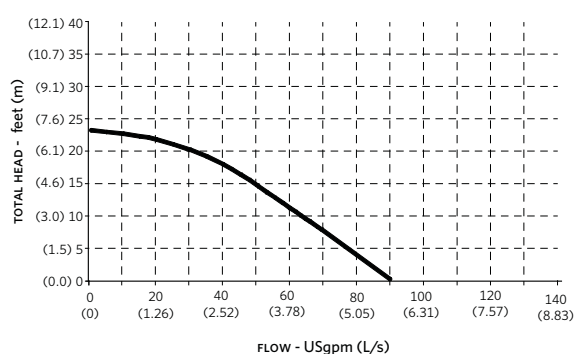
#### PART NUMBER

|               | 120V       | 240V       |
|---------------|------------|------------|
| <b>E19.2</b>  | 182212-649 | 182212-608 |
| <b>E19.2B</b> | 182212-650 | 182212-609 |

#### E19.2/E19.2B ACCESSORIES

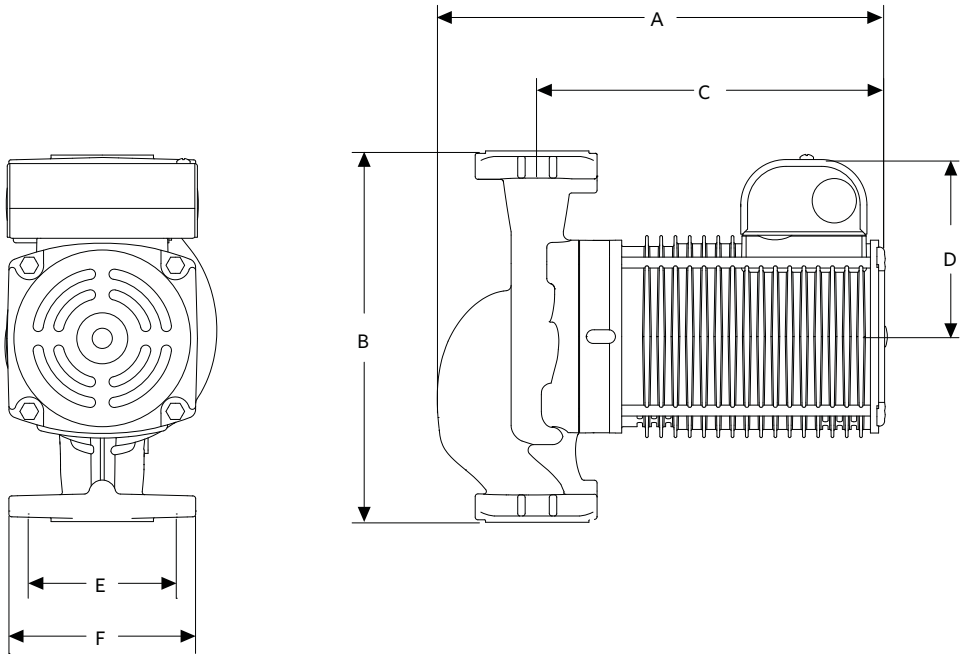
- 1" Flange kits
- 1¼" Flange kits
- 1½" Flange kits
- Timer
- Aquastat
- Spool pieces

#### PERFORMANCE CURVE



Performance curves are for reference only. Confirm current performance data with Armstrong ACE ONLINE selection software.

| DIMENSIONS inches (mm) |           |                |               |               |               |              |               | SHIP. WEIGHT                                |
|------------------------|-----------|----------------|---------------|---------------|---------------|--------------|---------------|---------------------------------------------|
| MODEL                  | BODY      | A              | B             | C             | D             | E            | F             | lbs (kgs)                                   |
| E19.2                  | Cast iron | 10.30<br>(261) | 8.50<br>(215) | 8.00<br>(202) | 4.00<br>(101) | 3.40<br>(81) | 4.20<br>(107) | 1.5" diameter 2-bolt flanges<br>20.7 (9.39) |
| E19.2B                 | Bronze    | 10.30<br>(261) | 8.50<br>(215) | 8.00<br>(202) | 4.00<br>(101) | 3.40<br>(81) | 4.20<br>(107) | 1.5" diameter 2-bolt flanges<br>20.9 (9.48) |



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