



## Model 10540-200

### DESIGN FEATURES

|          |                                                  |
|----------|--------------------------------------------------|
| Type     | Diaphragm-actuated                               |
| Material | Cast iron                                        |
| Design   | Vertical, horizontal, or angled                  |
| Flow     | Unidirectional                                   |
| Capacity | 100 to 1000 gpm (3.8 to 37.9 m <sup>3</sup> /hr) |
| Head     | 10 to 100 ft (3.0 to 30.5 m)                     |
| Weight   | 100 to 200 lb (45 to 90 kg)                      |

**Advantages** Maintenance-free pump operation, quiet action, compact size.

**Options** (a) Heavy-duty construction line.

(b) Motor, electric or pneumatic, 1/2 to 10 hp (0.37 to 7.46 kW).

For a wide range of pumps, including the Model 10540-200, contact Jahsco Pump Division or your local distributor.

### Typical Applications

#### Water

drainage  
dewatering  
flood control  
sanitary water supply

#### Industrial

chemical and manufacturing  
cooling water  
drainage  
sanitary water supply, glass, plastic, food, and more

#### Other

gasoline, oil, acid, and other liquids and gases

#### Manufacturing

chemical, pharmaceutical, food, and other



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### PERFORMANCE RANGE

|      | TOTAL HEAD (FEET) |    |    |    | 100 GPM |    |    |    | 150 GPM |    |    |    | 200 GPM |    |    |    | 250 GPM |    |    |    |
|------|-------------------|----|----|----|---------|----|----|----|---------|----|----|----|---------|----|----|----|---------|----|----|----|
|      | 1                 | 2  | 3  | 4  | 5       | 6  | 7  | 8  | 9       | 10 | 11 | 12 | 13      | 14 | 15 | 16 | 17      | 18 | 19 | 20 |
| HEAD | 10                | 12 | 14 | 16 | 18      | 20 | 22 | 24 | 26      | 28 | 30 | 32 | 34      | 36 | 38 | 40 | 42      | 44 | 46 | 48 |
|      | 10                | 12 | 14 | 16 | 18      | 20 | 22 | 24 | 26      | 28 | 30 | 32 | 34      | 36 | 38 | 40 | 42      | 44 | 46 | 48 |
|      | 10                | 12 | 14 | 16 | 18      | 20 | 22 | 24 | 26      | 28 | 30 | 32 | 34      | 36 | 38 | 40 | 42      | 44 | 46 | 48 |
| GPM  | 10                | 12 | 14 | 16 | 18      | 20 | 22 | 24 | 26      | 28 | 30 | 32 | 34      | 36 | 38 | 40 | 42      | 44 | 46 | 48 |
|      | 10                | 12 | 14 | 16 | 18      | 20 | 22 | 24 | 26      | 28 | 30 | 32 | 34      | 36 | 38 | 40 | 42      | 44 | 46 | 48 |
|      | 10                | 12 | 14 | 16 | 18      | 20 | 22 | 24 | 26      | 28 | 30 | 32 | 34      | 36 | 38 | 40 | 42      | 44 | 46 | 48 |

Performance based on standard test conditions. Head and capacity may vary with actual conditions. For more information, contact your local distributor or Jahsco Pump Division.



## DISASSEMBLY



- 1 Remove discharge screen, discharge and gasket.
- 2 Remove impeller using wide open pump or alternatively fast placed 1/2 inch standard block, with one end.
- 3 Remove all vanes using pump with off or with pump running using a screw driver.
- 4 Remove impeller.
- 5 Remove seal/shaft ring or shaft.
- 6 Remove seal/shaft ring bearing housing by removing housing bolt fit.
- 7 Remove seal assembly.

- 8 Seal rings/shaft.
- 9 Remove impeller housing with 1/2 inch standard block with one end.
- 10 Remove bearing to seal housing fit.
- 11 Place impeller housing with 1/2 inch standard block with one end.
- 12 Remove seal housing fit.
- 13 Remove bearing housing with 1/2 inch standard block with one end.

## ASSEMBLY

- 1 Lubricate seal bearing with grease and grease the bearing housing with grease and grease the seal.
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- 20 Lubricate seal bearing with grease and grease the bearing housing with grease and grease the seal.

