



## SFC24-HH

|                            |                                      |
|----------------------------|--------------------------------------|
| Operating Point            | 63 GPM (US) @ 80' TDH                |
| Sand Filter - Size & Style | 24" Carbon Steel, Powder Coated      |
| Frame Construction         | Carbon Steel (Welded), Powder Coated |
| Pipe Assy - Construction   | Carbon Steel (Welded), Powder Coated |

### ELECTRICAL - Motor & System

|                       |        |
|-----------------------|--------|
| Horsepower (HP)       | 3      |
| Power - Volts / Hz    | 460/60 |
| RPM                   | 3500   |
| Motor Amperage        | 4.8    |
| System Total Amperage | 6.8    |

### PUMP

|                   |   |
|-------------------|---|
| Installation      | Flooded Suction Required                              |
| Case Material     | Cast Iron   |
| Impeller Material | SS 304  |
| Mechanical Seal   | VITON Elastomer, Silicone Carbide Seat, Carbon Rotary |

### BASKET STRAINER

|                          |  |
|--------------------------|--|
| Body Construction        | Cast Iron                              |
| Strainer Mesh            | Stainless Steel with 1/4" perforations |
| Connection - Type & Size | Female NPT 1-1/2"                      |

### CONTROL PANEL (UL Listed & Labeled. Manufactured to UL 508A)

|  |   |
|--|---|
| Enclosure (UL listed & CSA approved)             | NEMA 4 (STD)<br>NEMA 4X (Optional) - 304  |
| Electrical Components (UL listed & CSA approved) | Thermal Overload Starter, HOA, XFMR, "RUN" Light, Door Disconnect, Contactor, Purge Timer |

### PROCESS INLET

|                          |             |
|--------------------------|-------------|
| Connection - Type & Size | FNPT 1-1/2" |
|--------------------------|-------------|

### PROCESS OUTLET

|                          |                            |
|--------------------------|----------------------------|
| Connection - Type & Size | FNPT 2" - Union Ball Valve |
|--------------------------|----------------------------|

### VALVE ASSEMBLY

|                          |                              |
|--------------------------|------------------------------|
| Body Material            | Cast Iron, Powder Coated     |
| Disc Material            | Cast Iron, Powder Coated     |
| Connection Type          | Flanged, Butterfly           |
| Seat                     | EPDM                         |
| Electrical               | 120VAC Electric Actuator     |
| Y-Strainer               | Cast Iron, 3/64" Perforation |
| Press Release & Air Vent | 3/4" NPT                     |

### PRESSURE - Maximum Operating

|            |                  |
|------------|------------------|
| Pump Inlet | 60 psi (4.1 bar) |
| Vessel     | 80 psi (5.5 bar) |

### TEMPERATURE - Maximum Operating

|        |              |
|--------|--------------|
| System | 120°F (49°C) |
|--------|--------------|

| WEIGHTS  | DRY | SHIPPING  | OPERATING |
|----------|-----|-----------|-----------|
| lbs (kg) | TBD | 700 (318) | 960 (435) |

|                                |                   |
|--------------------------------|-------------------|
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\*UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES

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