Nastec Control Panels for Filter Pumps

Rotorflush recommends the use of Nastec control panels for submersible filter pumps and surface mounted pumps using Rotorflush self-cleaning strainers and filters for their intake filtration. Nastec control panels incorporate a motor load monitor which shuts the pump down if no water is being pumped and prevents motor burn out.

The panels have a digital display and keypad for setting up control parameters and showing faults. The body is constructed entirely of aluminium, making PILOT extremely solid and easily cooled. The IP55 protection makes it possible to install PILOT even in humid and dusty environments.

We strongly advise that Nastec control panels are used with all our 3 phase pumps and the Nauti N9416, N9516 and N9616 single phase pumps. Our other single phase pumps have built in thermistors that help protect the motor in the event of dry running.

These panels can also be used for controlling float switches and other equipment used in conjunction with our filter pumps.

Key Features

- Protection against overcurrent
- Phase loss monitoring
- Protection against excessive number of starts
- Dry running protection
- Power factor / cosine monitoring

Specification

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Voltage (+/-10%) 50/60 Hz</th>
<th>Max current</th>
<th>Weight [kg]</th>
</tr>
</thead>
<tbody>
<tr>
<td>PILOT 118*</td>
<td>1 X 230 VAC</td>
<td>18 A</td>
<td>2</td>
</tr>
<tr>
<td>PILOT 325</td>
<td>3 X 400 VAC</td>
<td>25 A</td>
<td>2.4</td>
</tr>
<tr>
<td>PILOT 330</td>
<td>3 X 400 VAC</td>
<td>30 A</td>
<td>2.4</td>
</tr>
</tbody>
</table>

All Models

- Max. ambient temperature: 40°C (104 °F)
- Max. altitude: 2000m
- Protection grade: IP55 (NEMA 4)

* single phase models do not includes capacitor (available upon request)
Spare Nylon Filter Mesh

Customers require sets of filter mesh inserts periodically for filter maintenance.

We recommend regular replacement of filters fitted with nylon mesh with spare nylon filter mesh inserts.

Instead of a continuous nylon mesh, our filters use nylon filter mesh inserts - a set of 16 inserts replaces the mesh on our standard filters. Inserts are easy to insert and replace, and are available in 60, 115 and 300 micron mesh sizes. This makes for very easy maintenance.

We supply spare nylon filter mesh sets for our submersible pumps with integral self-cleaning filters, and for our smaller fine meshed self-cleaning strainers.

Key Features

- ✔ 60, 115 and 300 micron nylon mesh inserts
- ✔ Tough bias cut nylon for strength
- ✔ Easy to clean
- ✔ Easy to replace