



DRI-STOP 2R and 2RE (Flow activated)



DRI-STOP 2R
w/PCB shown for factory
mounting into motor starter
(ordered separately)

Cooling water service for double mechanical seal pumps and vertical pump bearings.

These flow activated models use a state-of-the-art PCB to monitor a minimum flow to stop the pump motor. They are adjustable for flow rates from 0.1 GPM to 2.5 GPM. These units are factory set for 0.1 GPM. If used for a multiple bearing sump pump, the unit must be reset to a higher set point per the pump's operating instructions.

These models are plastic enclosed, include 8 feet of extension cable and mounting bracket for 56, 140 and 180 "C" face motor frames. Select a model for either factory or field installation.

When used with magnetic H-O-A starter: In the AUTO position, the DRI-STOP will allow the motor to start if the seal/bearing water flow is 6 GPH or higher. The HAND position should not be wired into the control circuit.

Note that a push button magnetic starter may be used instead of the recommended H-O-A. For motor starters, see Bulletin A-103.

CAUTION: In the AUTOMATIC mode, the motor will come on automatically when the water supply is turned on.

TO ORDER, use Price Code No.

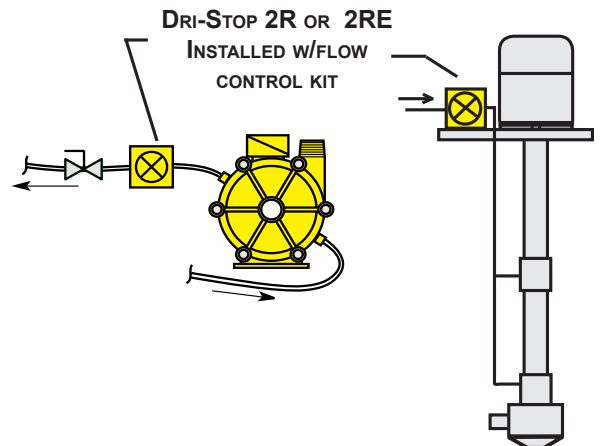
| DESCRIPTION | MODEL NUMBER | SOLUTION CONTACT | MAXIMUM OPER. TEMP. | | CONN. | DIM. | FLOW | PRESS. | CONTROL CIRCUIT | PRICE CODE NO. |
|----------------------------------|--------------|--|---------------------|-----|--------------|------------------------------------|-------------------------|----------------------------|-----------------|----------------|
| | | | °C | °F | | | | | | |
| DRI-STOP 2R Factory installed | DSWF-1/4 | PVDF (Kynar®), polypropylene, 316SS, polysulfone, Viton | 180° | 82° | 1/4" FNPT | 3" x 2-3/4" x 2-5/8" deep | 6 GPH (23 LPH) | 100 PSI (690 kPa) | 24V | 99-1116R* |
| | | | | | | | | | 115V | 99-1152R* |
| DRI-STOP 2RE Field installed | DSWFE-1/4 | | | | | | | | 24V | 99-1116RE** |
| | | | | | | | | | 115V | 99-1152RE** |

* PCB (3" x 2-3/4" x 1-5/8") is mounted in motor starter (ordered separately).

** PCB is enclosed in DRI-STOP case. Motor starter ordered or provided separately, and field wired to DRI-STOP. Includes mounting bracket for 56, 140 & 180 "C" face motor frames.

OPTIONAL

| FLOW CONTROL KIT | |
|--|----------------|
| Provides precise cooling water flow on stationary applications. City water flow is controlled with a petcock valve and pressure gauge to permit convenient installation and adjustment prior to start-up. Order motor starter separately. DO NOT USE WITH DEIONIZED WATER. | |
| DESCRIPTION | PRICE CODE NO. |
| Includes petcock, pressure gauge and fittings | 99-1387 |





DRI-STOP 3C and 3K (Pressure activated)

**For single mechanical seal and magnetic drive pumps.
With body and diaphragm protection suitable for
chemical solution contact.**

These models sense low pressure at the pump discharge to de-energize the motor upon loss of prime. They are sealed in PVC and include 8 feet of PVC flexible conduit with lead wires. All models are suitable for factory or field installation.

Pressure activated models must be used with a magnetic push button starter. This allows the operator to temporarily and manually "hold-in" the circuit until the pump discharge pressure reaches the set point. The DRI-STOP will then hold the circuit closed unless the pump discharge pressure falls below the set point. For motor starters, see Bulletin A-103.



DRI-STOP 3

TO ORDER, use Price Code No.

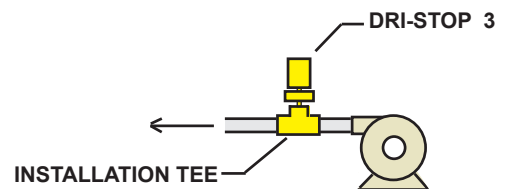
| DESCRIPTION | MODEL NUMBER | SOLUTION CONTACT | MAXIMUM OPER. TEMP. | | CONN. | DIM. | SET-POINT | OPERATING PRESSURE | CONTROL CIRCUIT | PRICE CODE NO. |
|-------------|--------------|------------------|---------------------|-----|----------|-------------|-----------|--------------------|-----------------|----------------|
| | | | °C | °F | | | PSI. | MAX. PSI | 1ø/50-60 Hz | |
| DRI-STOP 3C | DSCP-1/2 | CPVC, Viton | 200° | 93° | 1/2" NPT | 7" x 3" DIA | Fixed 4 | 80 | 24-115-230V | 99-0377A |
| DRI-STOP 3K | DSCK-1/2 | PVDF, Viton | | | | | | | | 99-0379A |

OPTIONAL

INSTALLATION TEE

For convenient installation of DRI-STOP on pump discharge

| DESCRIPTION | PIPE SIZE NPT | PRICE CODE NO. |
|---|---------------|----------------|
| Installation tee (CPVC)* with 1/2" NPT connection for DRI-STOP 3 and NPT in-line connections. | 3/4" | 99-0393 |
| | 1" | 99-0388 |
| | 1 1/2" | 99-0384 |
| | 2" | 99-0386 |



* To order PVDF, add -K to Price Code No.