

## John Brooks 2596 Series Control Panel

The innovative and efficient way to provide optimal control of single or multiple EATON 2596 strainers.



Ideally suited for heavy Industrial or Municipal applications, the John Brooks 2596 is a customizable control panel that boasts superior diagnostic capabilities, remote elerts, intrlocks between series or parallel strainers, and is easily configurable to provide 4 control schemes for 2596.

### Standard Features Include:

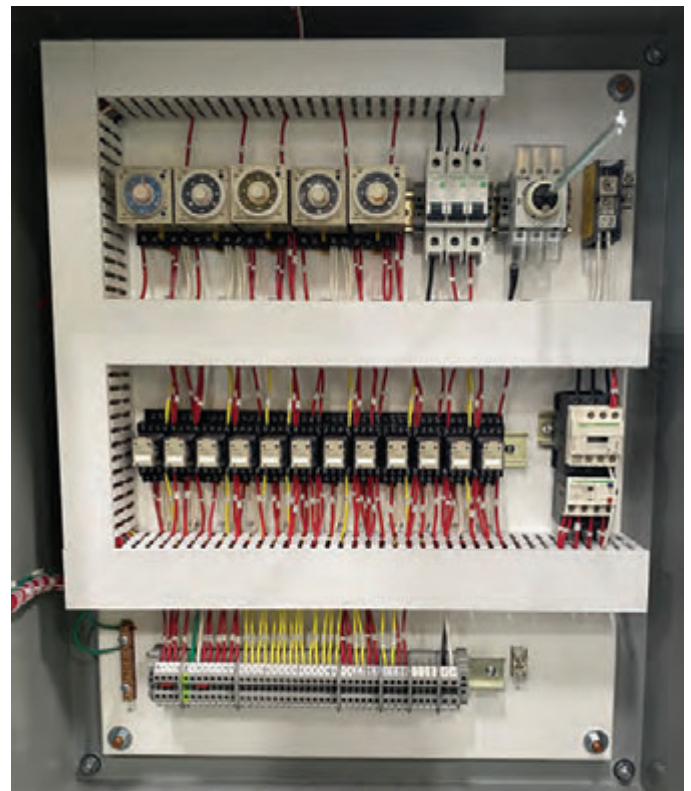
- Site configurable for:
  1. Continuous backwash,
  2. Timed backwash (only),
  3. Backwash based on differential pressure switch (only),
  4. Timed backwash with differential pressure override (recommended).
- Adjustable cycle timer for backwash duration and interval between backwashes.
- Adjustable backwash duration timer for differential pressure override of normal timed backwash. Ensures 2596 unit is fully cleaned in the event of a high differential pressure state.
- Backup Hi-Hi differential pressure backwash trigger and alarm.
- Interlock with other 2596 control panels to prevent multiple 2596 units in parallel or series configuration from backwashing simultaneously, preventing loss of downstream pressure and ensuring sufficient flow for proper backwash.
- 120VAC supply suitable for Eaton's standard 1/4-1/3HP 120V backwash motors covering the entire range of 2596 units.
- Suitable for John Brooks' standard 120VAC motorized backwash valves with Valve Fully Open and Valve Fully Closed limit switches to give confirmation of valve and actuator position.
- NEMA 4 rated weatherproof enclosure (30" H x 24" W x 12" D).
- Non fusible lockable disconnect to allow strainer to be safely serviced.
- IEC motor starter.
- 22mm industrial grade LED lights, selector switch, and push buttons.
- Highly visible alarm globe.
- HASP padlockable door to prevent unauthorized access to timer settings.
- Monitoring status and alarm points for plant control system / SCADA:
  1. Power ON
  2. Strainer in Auto Status
  3. Hi Differential Pressure Status / Alarm
  4. Hi Hi Differential Pressure Alarm
  5. Backwash motor overload Alarm
- Built in a CSA and UL508 certified shop – fully approved for use in Canada or the US (specify approval required with order).

Call 1-877-624-5757 for a systems expert who will assist you with any of your application requirements.



## Optional Features Include:

- 600VAC /3 phase power supply and motors.
- NEMA 4X Stainless Steel enclosure.
- Additional SCADA monitoring points for valve open / close status and valve failure alarm.
- Panel heater and thermostat for outdoor cold weather installations.
- Control multiple strainers from single control panel.



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