

## Water Wash Control Panel

### Hot Water Wash

# SBA10H

Automatic Control, Single Sequence Wash for up to 46-ft (14 m) of water wash hood

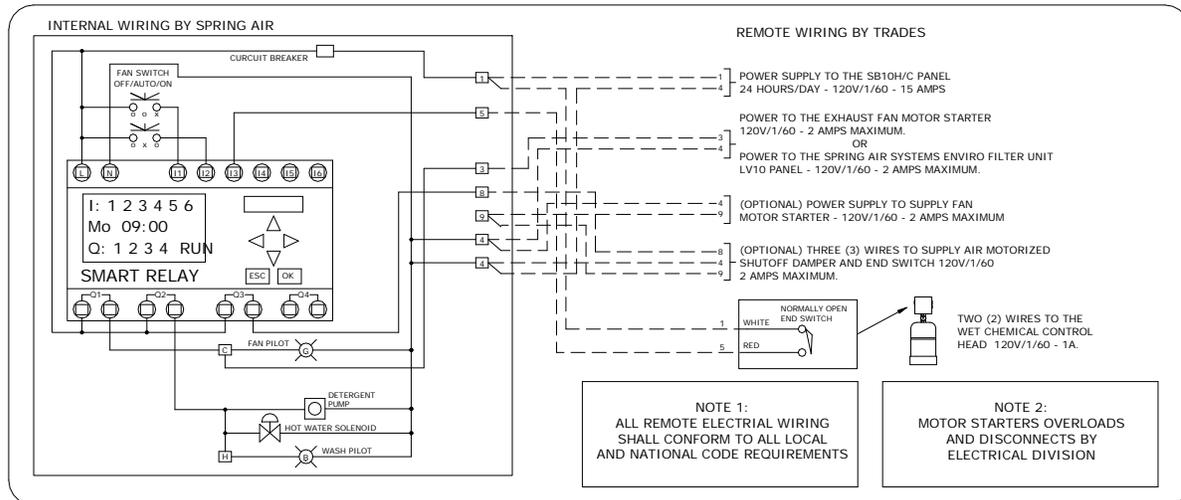
#### General Description

Each water wash hood or group of hoods requires a control panel. The single sequence water wash control panel Model SBA10H is for type “HD” type water wash hoods.

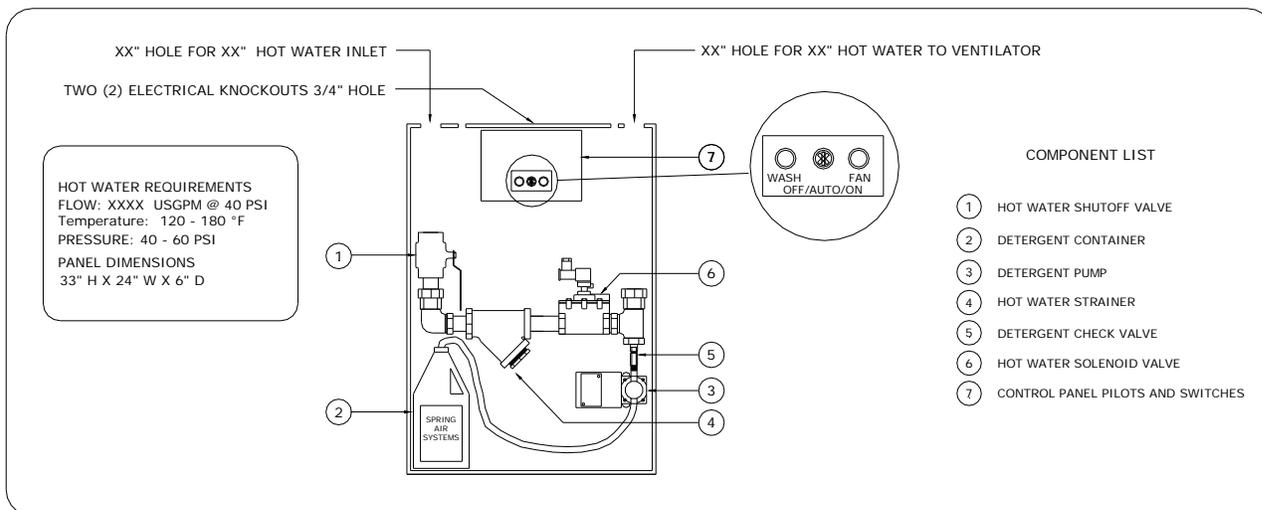
These control panels contain the electrical and plumbing required to automatically operate the exhaust fan and wash cycle. The model SBA10H is an automatic control with an ON/AUTO/OFF selector switch. The single sequence wash can wash up to 46 feet (14m) of water wash hood.

When the selector switch is in the AUTO position, on and off control is automatic depending on the times set on the 24-hour microprocessor clock. Each time the exhaust fan is shut off manually or automatically, the groups of hoods connected to the control panel are washed. At the end of the wash cycle the panel remains idle until the next ON and OFF sequence. Refer to the Spring Air Systems Hood Engineering Manual for detailed description of the control panel sequence of operation.

### Water Wash Panel Electrical Schematic



## Water Wash Panel Plumbing



Length of Hood		Control Panel Hot Water Connections	
ft	m	in	mm
Up to 13	Up to 4	0.75	19
Up to 26	Up to 8	1.00	25
Up to 46	Up to 14	1.25	32

Notes:

1. All control panels are 33" x 24" x 6" (610 mm x 762 mm x 152 mm)
2. The DB hood has an equivalent length of 1.5 the actual length of purposes of using this chart.

### Spring Air Systems Model No. SBA10H Wash Panel Specification

The water wash control panel shall be a Spring Air Systems model no. SBA10H automatic, single wash sequence, UL/ULC listed, and CSA certified.

The panel shall include an integral micro-processor seven day/24 hour timer with one weekday and one weekend settings and manual override. The stainless steel water wash control panel shall contain all the electrical and plumbing components to operate the exhaust fan, and water wash cycle. The electrical section shall include a ten-minute adjustable timer, an off/auto/on fan selector switch, and a wash on pilot light. The plumbing section shall include a hot water solenoid valve, hot water shut off valve, hot water line strainer, detergent pump, detergent check valve, and one litre of detergent.

### Installation

- The total length of hood connected to the control panel determines the sizes of the inlet and outlet pipe connections. Refer to the Engineering Data Chart to the left for Pipe size Vs Hood length.
- The remote piping must meet all local plumbing codes. The control panel must be installed with protection to stop the flow of detergent back into the potable water supply. Spring Air Systems will always prepipe the detergent line inside the water wash, plumbing enclosure panel unless advised otherwise prior to shipment.

The panel shall be either wall mounted or recessed where shown ready for interconnection of the mechanical and electrical services by the mechanical and electrical divisions as per the manufacturer instructions.

### Engineering Data

Item Number \_\_\_\_\_  
 Model Number: SBA10H-\_\_\_\_\_  
 Panel Dimensions 33" X 24" X 6"  
 Hot Water Inlet: \_\_\_\_\_  
 Hot Water Outlet \_\_\_\_\_  
 No. of Sequences: One

Total Hot Water Flow \_\_\_\_\_ USGPM  
 @ 40 PSIG  
 Electrical: 120v/1/60 - 10 AMPS.