

# MBCS

## MultiBlaster - Hydroblaster Sequencing Controller

The MCBS MultiBlaster control system reduces plumbing from equipment room to wash bay, only one pipe is required. Hydroblaster's are start sequenced, in rotation, keeping the hours of operation evenly distributed among them. This is particularly important when multiple wash bay locations are permanently installed in a facility.

**HOW THE MCBS WORKS:** MCBS can control up to 10 wash bay locations. A facility with 10 wash bay remote controls, that require up to 4-operational at the same time, will require 4-Hydroblaster's. Plumbing from the equipment room, where Hydroblaster's are installed, is a single line that tees off to each wash bay location. If a Hydroblaster is tagged out for service, all 10 wash bays are still operational, but only 3- wash bay locations can operate simultaneously. This is particularly useful during maintenance.

Pressing a start button at any remote location activates Hydroblaster's. When the first remote station is activated a Hydroblaster starts and all MBCS MultiBlaster control remote boxes light up and "blink" providing notification that system is operating. Each unit is brought online sequencing the next available Hydroblaster. This alternates their use and equalizes their hours. With the system running, operators can activate additional Hydroblaster's as needed, bringing them on line until all are in use. When all Hydroblaster's are in use, the remote location enunciator lights will remain on (without blinking). During a period of non-use, at the activating station, system automatically turns off the Hydroblaster assigned to that station. This automatic "shut down timer" eliminates needless wear and tear on the Hydroblaster's.



### STANDARD:

MBCS MultiBlaster NEMA 4X control, 120 volt, single phase, 24 VDC

### OPTIONS:

- In bay MBCS MultiBlaster remote control box (up to 10)
- MBCS plumbing manifold for 2,3 or 4 Hydroblaster's

### POWER REQUIREMENTS

- 115-220V, 1-PH, 50-60 HTZ

### SAFETY

- 24 volt controls to NEMA-4X remote stations
- E-stop button, at each remote, shuts down all components

1. Specifications are effective 2017. 2. Specifications are subject to change without notice