

# DUST COLLECTOR CARTRIDGE SEASONING

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## ***NOTICE***

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**Do not pulse new dust collectors or replacement cartridges until the cartridges are properly seasoned. Pulsing unseasoned cartridges could cause premature cartridge failure or decrease the efficiency of dust collector.**

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### **1.0 TURN OFF PULSE SEQUENCER**

**1.1 Dust Collectors with Sequence Control Panel:** A toggle switch mounted on the sequence control panel cover (located on the dust collector stand), enables and disables the sequencer. When the switch is ON, the pulse sequence automatically starts whenever the dust collector exhauster is started. If the switch is OFF, the pulse sequence will not occur. The switch should be left OFF (no pulse) until the cartridges are seasoned per Section 2.0 below.

**1.2 Cabinet Dust Collectors without Sequence Control:** Turn the pulse pressure regulator OFF (to 0 psi). Pressure should be left at zero (OFF, no pulse) until cartridges are seasoned.

### **2.0 SEASON CARTRIDGE**

**2.1** Cartridges are seasoned when a dust layer develops on the outside surface of the filter media. The dust layer protects the filter cartridge, and enhances the filtering efficiency.

**2.2** Operate the collector without pulsing (sequence switch OFF) until the differential pressure gauge reads the recommended changeover pressure as shown below:

CDC-1 Cabinet Dust Collector: four inches (4" w. c.).  
Pulsar Power Module Dust Collectors: four inches (4" w. c.).  
RPH and RPC Dust Collectors: four inches (4" w. c.).  
CDF Dust Collectors: five and one-half inches (5.5" w. c.).

### **3.0 START PULSE SEQUENCER**

#### **3.1 Dust Collectors with Sequence Control Panel**

**3.1.1** After the differential pressure is reached, set the timer OFF time to 40 seconds, and set the pulse pressure at 70 psi.

**3.1.2** Turn the sequence switch ON to start the pulse cycle.

#### **3.2 Cabinet Dust Collectors without Sequence Control**

**3.2.1** Turn the pulse pressure regulator to 60 psi (or to pressure indicated in the owner's manual).