



# FTI Air Cycle Counter

AIR OPERATED DOUBLE DIAPHRAGM PUMPS

*The FTI Air Cycle Counter is an electronic device that counts pump cycles by detecting the presence of the valve carrier.*

The carrier is detected by a sensor that can be factory mounted in all FTI Air air valve end caps. For metallic air valves it senses the presence of the aluminum valve carrier. For non-metallic air valves it senses the presence of a metallic pin installed in the end of the plastic valve carrier.

The counter senses the presence of the carrier and counts one cycle when the carrier moves away from the sensor and to the original end of the air valve. It continues counting for 100 million cycles. At 100 million cycles the counter automatically resets. The counter has the ability to be reset via the gray button below the display on the front of the enclosure or remotely. The panel reset can be disabled to prevent accidental reset.

When ordering pump model select letter "B" for metallic or "Q" for non-metallic Air Valve Material. This will be a pump fitted with the required air valve components to use with the counter. Then order the counter separately.

The sensor cable comes in a standard 16ft length with optional 25, 50, & 100 ft extensions. Maximum length is 250 ft. The counter can be universally used on any existing FTI Air pump with the proper air valve components.



Valvecaps for use with cycle counter



# CHANGE IS IN THE AIR



## Specifications

Operating Environment Temp Limit:	32°-122° F (0°-50° C)
Operating Environment Humidity Limit:	85% RH Max Non-Condensing
Unit Weight:	0.9 lbs (0.4 kg)
Enclosure Dimensions:	3-1/2" W x 4" T x 2-1/8" D
Enclosure Material:	Polycarbonate
Enclosure Rating:	NEMA 4X, IP65
Voltage:	110 or 230V, 1-phase, 50/60 Hz

## Dimensions

