

FLUID QUIP 36" Stone Cyclone



SECTION 1 - DESCRIPTION

Fluid-Quip Stone Cyclones are designed for the Corn Wet Milling industry to protect

Downstream process equipment by removing stones, pebbles, nuts, bolts, or any other heavy contaminants that enter the process stream or come in with the fresh corn.

With close plate gaps on de-germination mills and tolerances on other downstream equipment, a single small stone or foreign object can damage machinery, resulting in costly maintenance repairs and lost productivity.

Designed to operate with low pressure drop, the Fluid-Quip SC-36 Stone Cyclone provides a cost effective in-line safety net against common contaminants.

The SC-36 stone cyclone is constructed of 316L stainless, complete with reject pot and (2) pneumatically operated knife gate valves, and is equipped with mounting pads for simple Installation (support structure and control system not included). This cyclone is constructed for 50 psi operating pressure, but is not code stamped.

Design Features

- Heavy Duty 316 Stainless Steel construction resists corrosion from wide range of process applications
- Separate lower cone allows replacement of high wear portion of the cyclone, extending its service life
- Reject pot and automated knife-gate valves for purging solids from the pot

APPROXIMATE WEIGHTS		
TOTAL WEIGHT (STATIC LOAD)	3250 LBS	1474 kg
DYNAMIC LOAD	4063 LBS	1843 kg
DYNAMIC LOAD PER FOUNDATION BOLT	1016 LBS	461 kg