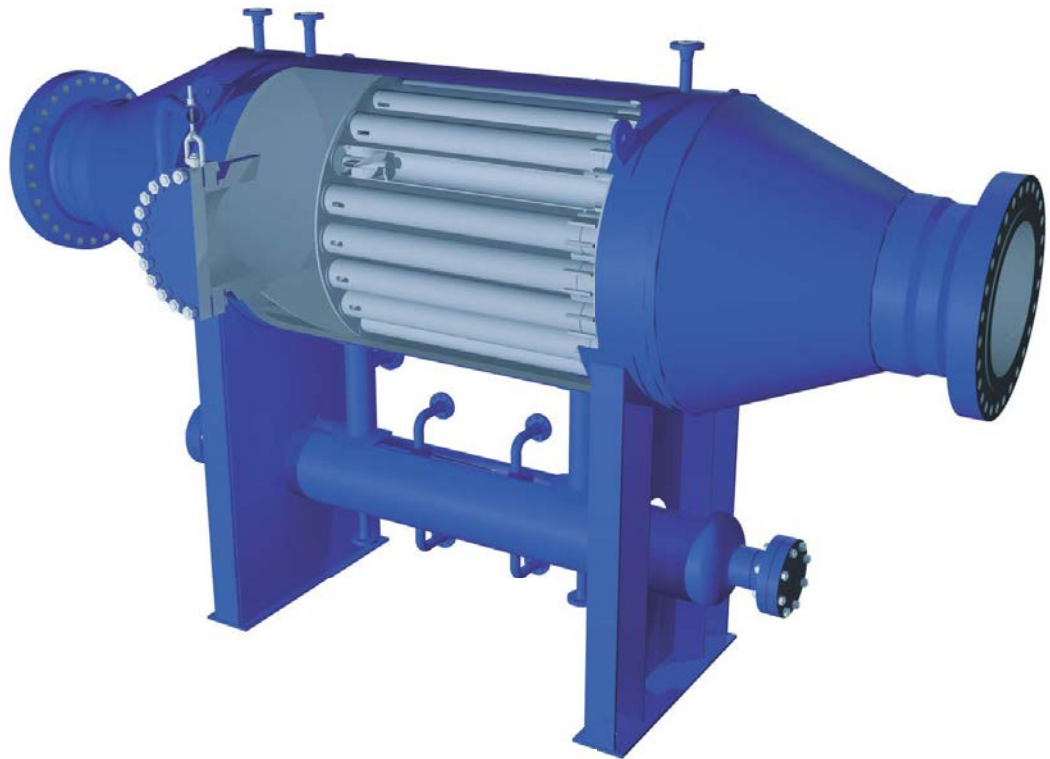




JCI Cyclonics Ltd. is a Canadian manufacturer of cyclonic separation products for the Oil and Gas Industry. JCI offers engineered Filtration & Separation Solutions™ for all your cyclonic separation needs using proven technology.



HORIZONTAL INLINE CYCLONIC SEPARATOR



The JCI Horizontal Inline Cyclonic Separator removes liquid and solid contaminants from gas dominant flow through inline cyclonic tubes. Each tube has a vaned hub which creates centrifugal force as the gas flows through the vanes, causing the heavier liquid and solid particles to migrate toward the tube wall and the lighter particles such as gas, into the center of the tube where it exits the vessel.

The liquid and solid particles exit each tube through a gap and fall to a liquid sump where they are later drained from the vessel. Any gas that exits the tubes is recycled back to the inlet through recycle ports in the vaned hubs. This recycling effect ensures high efficiency separation with minimal loss of pressure.

The JCI Horizontal Inline Cyclonic Separator is ideal for separating liquid and solid contaminants from gas in transmission lines and piping where space is at a premium.