



Purge and Vent Systems

Ariel provides suitable materials options and configuration options for a successful packing vent system. Much of the success of a packing vent system falls on the End User and Packager for design of the packing vent system and the End User for operations and maintenance of the system.

Options

Materials options are available for key components in the gas stream for sour and corrosive gasses. Materials options for components such as piston rods, valves, cylinder bolting, bearings, tubing and tube fittings are discussed in the [Ariel Sour Gas](#) topic.

Configuration options are available including [purged pressure packing cases](#), [short](#) and [long two compartment distance piece](#) arrangements, flushing oil system and separate lube oil arrangements for the cylinders. These are discussed in the [Ariel Sour Gas](#) topic.

When a long two compartment distance piece and purge packing is purchased the intermediate and wiper packing cases come with purge rings and purge gas connections. These are available for incorporation into the system design.

The KBE:K:T and KBZ:U are not offered with a short two compartment option. The long single compartment design incorporates a purged wiper seal set when purged packing is purchased.

Refer to the [Packager Standards Section 8 Packing and Distance Piece Vent Systems](#) for further information and schematics on this topic.