

THREE WAY FILTRATE VALVES

Three way valves are used on filter plates to isolate the chamber, sample the filtrate for testing or to operate filter plates in closed delivery mode (*internal discharge through corner ports connected to a feed end manifold*).

Three way valves can also be usefully installed at random positions along a closed delivery filter press pack, to isolate the location of cloudy filtrate. (*Common frequency is every 5 plates*). Whenever increased filtrate solids are observed, an easy check along the filter pack length can isolate an offending chamber and locate a damaged cloth.

This type of valve is not easily retrofit to existing filter plates without careful preparation. However, it is a simple task to add new plates with the valves already fixed. This is a relatively inexpensive investment where cake solids have high value.

