

# HCL ADIABATIC ABSORPTION



HCl absorption columns are used for absorption of Hydrochloric gas, which statutorily are not permitted to vent in to the atmosphere, and to produce the HCl acid. The column is constructed with a series of packed sections, a gas introduction point below that, a condenser on the top, and a cooler at the bottom. Make water is sprayed from the top and acid is collected from the bottom.

HCl absorption column are available in 80DN to 300DN diameter (for the gas rate 10Kgs/hr to 300Kg/hr approx..)

Unit Cat. Ref.	Packed Column	Condenser HTA M <sup>2</sup>	HCl Gas Rate
HCL3	80mm x 3mtr.	0.35 x 2	10 Kg / Hr.
HCL4	100mm x 4mtr.	0.5 x 2	20 Kg / Hr.
HCL6	150mm x 4mtr.	1.5 x 2	60 Kg / Hr.
HCL9	225mm x 4.5mtr.	2.5 x 2	150 Kg / Hr.
HCL12	300mm x 4.5mtr.	4.0 x 2	300 Kg / Hr

