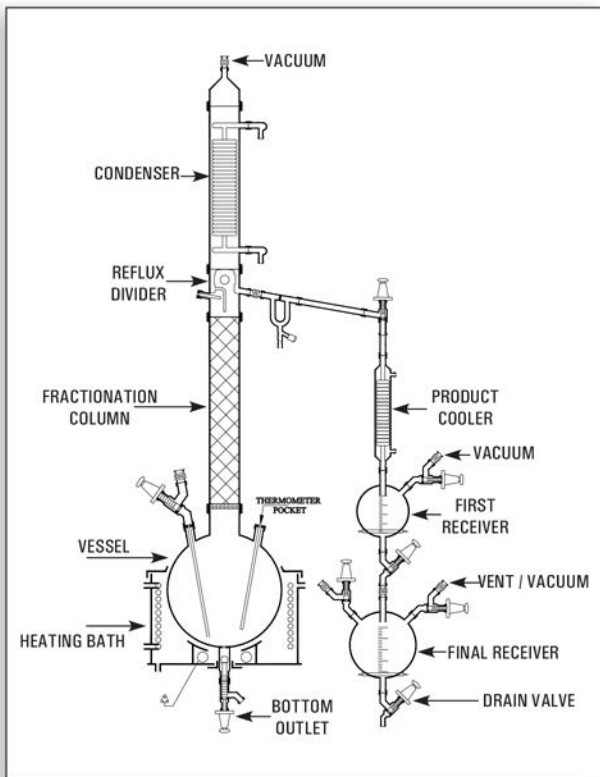


# STANDARD UNITS

## FRACTIONAL DISTILLATION UNIT



This is essentially a compact batch-type fractional distillation unit in which the reboiler consists of a vessel mounted in a heating bath and with a packed column above. The vapours from top is condensed and can be refluxed as per requirement.

The top product is sub-cooled and collected in receivers. The bottom product is finally drained from the reboiler through a drain valve.

The units are available in vessel sizes of 20, 50, 100, 200, 300 & 500 L and is suitable for operation under atmospheric pressure and full vacuum

Unit	Reactor Cat.Ref	Bath Capacity	Bath KW	Addition Vessel	Vapour Line	Condenser HTA M <sup>2</sup>	Cooler HTA M <sup>2</sup>	Receiver Size
FDU20		20 L	4.0	2 L	80 DN	0.35	0.10	5L
FDU50		50 L	6.0	5 L	100 DN	0.50	0.20	10L
FDU100		100 L	9.0	10 L	150 DN	1.50	0.35	20L
FDU200		200 L	12.0	20 L	150 DN	1.50	0.35	20L
FDU300		300 L	18.0	20 L	225 DN	2.50	0.50	20L
FDU500		500 L	24.0	50 L	300 DN	4.00	0.70	50 L