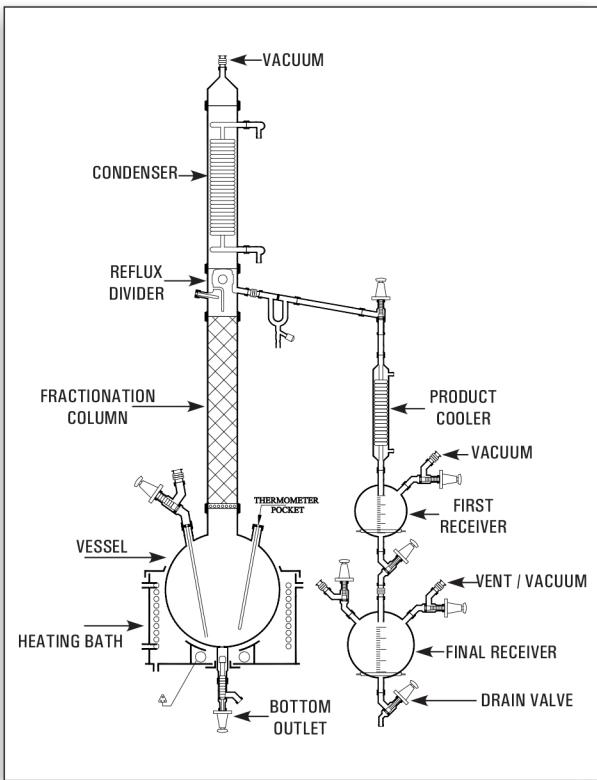


# STANDARD UNITS

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