

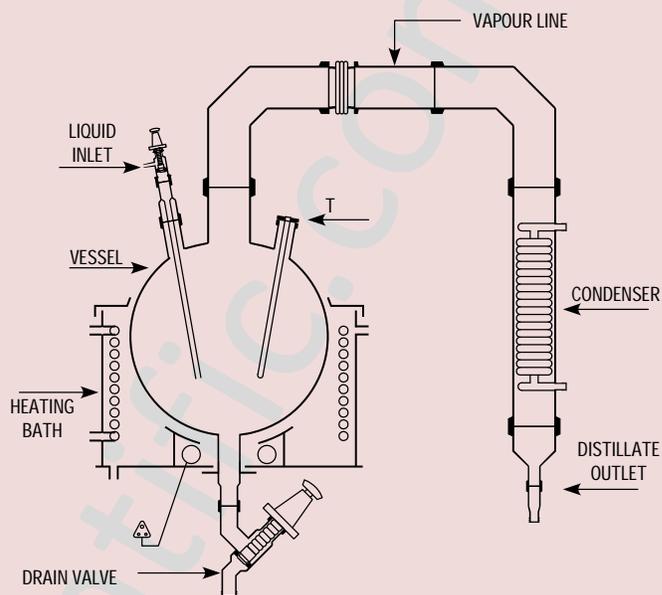
# STANDARD UNITS

## SIMPLE DISTILLATION UNITS

It consists of a vessel mounted in a heating bath and fitted with a condenser for condensing the vapours. A receiver with drain valve can be added for receiving the condensate.

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

Unit Cat.Ref.	Reactor Capacity	Bath KW	Vapour Line	Condenser M <sup>2</sup>
SDU20	20 L	4.5	80 DN	0.35
SDU50	50 L	6.0	100 DN	0.50
SDU100	100 L	9.0	150 DN	1.50
SDU200	200 L	12.0	150 DN	1.50
SDU300	300 L	16.0	225 DN	2.50



## REACTION UNIT

This unit is used for carrying out reactions under stirred condition and with provision for simple reflux distillation.

The reaction vessel is mounted in a heating bath and fitted with addition vessel, motor-driven stirrer and provision for condensation with refluxing. The product is sub-cooled and collected in a receiver.

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

Unit Cat.Ref.	Reactor Capacity	Bath KW	Addition Vessel	Vapour Line	Condenser HTA M <sup>2</sup>	Cooler HTA M <sup>2</sup>	Receiver Size
RDU20	20 L	4.5	2 L	80 DN	0.35	0.10	5L
RDU50	50 L	6.0	5 L	100 DN	0.50	0.20	10L
RDU100	100 L	9.0	10 L	150 DN	1.50	0.35	20L
RDU200	200 L	12.0	20 L	150 DN	1.50	0.35	20L
RDU300	300 L	16.0	20 L	225 DN	2.50	0.50	20L

