

Fractional Distillation Unit :

This unit is typically used for only Distillation and Fractionation under vacuum or at atmospheric pressure. Typical unit has distillation vessel fitted in a Metal Heating / Cooling bath and with a Packed column above Reflux divider and coil condensers are fitted on the packed column. Condensed material is either taken back to the vessel or to the receiver via product cooler.

Reactor Vessel Capacity	Packed Column in mm	Condenser HTA ₂ in M	Product Cooler HTA in M	Receiver Capacity	Addition Vessel	Catalogue Reference
10 Ltr.	50 x 1000	0.20	0.10	2 Ltr.x 2 nos.	2 Ltr.	SGFDU 10
20 Ltr.	80 x 1000	0.35	0.20	5 Ltr.x 2 nos.	5 Ltr.	SGFDU 20
50 Ltr.	100 x 1000	0.50	0.20	10 Ltr.x 2 nos.	10 Ltr.	SGFDU 50
100 Ltr.	150 x 1000	1.50	0.35	20 Ltr.x 2 nos.	20 Ltr.	SGFDU 100
200 Ltr.	150 x 1000	1.50	0.35	20 Ltr.x 2 nos.	20 Ltr.	SGFDU 200

Optional Items :

- Heating mantle instead of jacketed heating / cooling bath.
- Simple Drain Valve instead of flush bottom valve.

