

# 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, 200, 300 & 500 L 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	4.0	2 L	80 DN	0.35	0.10	5 L
RDU50	50 L	6.0	5 L	100 DN	0.50	0.20	10 L
RDU100	100 L	9.0	10 L	150 DN	1.50	0.35	20 L
RDU200	200 L	12.0	20 L	150 DN	1.50	0.35	20 L
RDU300	300 L	18.0	20 L	225 DN	2.50	0.50	20 L
RDU500	500 L	24.0	50 L	300 DN	4.00	0.70	50 L

