



Fractionating columns, plain



- Borosilicate glass with Quickfit® ground-glass joints for dependable performance
- Designed for use with various types of column packing e.g. Raschig rings or Fenske helices

Product Code	Approx surface area x	Socket size	Cone size	Approx effective length	Approx overall length mm	Pack qty.
FC7/23	2.0	24/29	24/29	250	365	1
FC7/43	4.0	24/29	24/29	500	615	1

i The Quickfit® range of C2: air condensers listed on page 90 can also be used as fractionating columns.



Column packing support



- Designed to support Raschig rings within plain fractionating columns
- Support is passed through socket of column and rests at the constriction above the cone
- Manufactured from chemically resistant borosilicate glass

Product Code	Fits socket size	Diam. mm	Pack qty.
EX13/12	19/26	16	1
EX13/23	24/29	21	1
EX13/25	34/35	29	1
EX13/26	40/38	35	1



Column packing, Raschig rings



- For use with Quickfit® plain fractionating columns
- Raschig rings - short lengths of glass tubing
- Supplied in 1 litre bags
- Manufactured from borosilicate glass for contamination-free performance

Product Code	Description	Approx diam. mm	Approx length mm	Pack qty.
FC8/06	Raschig rings	6	6	1
FC8/09	Raschig rings	9	9	1

i To support the packing within the column, the use of packing supports EX13: series is recommended.





Fractionating columns, Vigreux



- Popular, easy to use column
- Vigreux type with combination of horizontal and angled indentations
- Horizontal indentations ensure intimate vapour and liquid contact
- Angled indentations redistribute liquid from walls to centre of column

Product Code	Socket size	Cone size	Approx effective length (mm)	Sets of points	Pack qty.
FC3/13	24/29	24/29	360	7	1
FC3/23	24/29	24/29	600	12	1
FC3/14	29/32	29/32	360	7	1



Fractionating columns, Dufton



- Comprises of a column with accurately fitted Dufton glass spiral
- Good efficiency - liquid spiralling down column meets ascending vapour
- Spiral can be removed for cleaning

Product Code	Socket size	Cone size	Approx effective length (mm)	Approx overall height mm	Pack qty.
FC1/12	19/26	19/26	150	270	1
FC1/22	19/26	19/26	300	425	1
FC2/13	24/29	24/29	150	290	1
FC2/23	24/29	24/29	300	435	1





Distillation head



- Fits on the top of a fractionating column to provide an effective liquid dividing head
- With integral jacketed condenser
- Liquid leaving condenser is directed towards a GP Rotaflo® stopcock
- Adjustment of stopcock controls proportion of liquid returned to the column or collected
- Screwcap fitting for insertion of thermometer
- Side-arm for venting or connection to vacuum supply

Product Code	Cone size to fit column	Cone size to fit receiver	Screwthread size mm	Stopcock bore mm	Condenser surface area x 10 ² m	Pack qty.
SH30/42/SC	29/32	19/26	13	3.0	4.0	1



Funnels, short stem

PYREX®

- With 60° bowl angle for precise fitting of filter paper
- Manufactured from chemical and heat resistant Pyrex® borosilicate glass

Product Code	Top external diam. mm	Stem O.D. mm	Stem length mm	Overall height mm	To suit filter paper diam. mm	Pack qty.
2140/01M	35	8	35	60	45-55	10
2140/02M	45	8	45	78	55-70	10
2140/03M	70	8	75	125	70-90	10
2140/06M	80	8	82	144	90-150	10
2140/10M	105	10	106	186	150-185	10
2140/11M	125	12	122	220	185-240	1
2140/12M	150	16	154	270	240-270	1
2140/14M	200	24	193	345	320-385	1

