

Condensers continued

Multi-coil

A condenser having very large surface area over a relatively short effective length by employing two coils which are independent of each other. If desired they can be fed from separate water supplies.

	Approx. surface area $\times 10^{-2}m^2$	Socket size	Cone size	Approx. effective \times overall lengths, mm
QC4/13/SC	5.5	24/29	24/29	207 x 390

Double surface, Davies

With increased surface area and effectiveness compared with a corresponding Liebig condenser.

	Approx. surface area $\times 10^{-2}m^2$	Socket size	Cone size	Approx. effective \times overall lengths, mm
QC5/11/SC	1.7	14/23	14/23	160 x 275
QC5/12/SC	1.7	19/26	19/26	160 x 295
QC5/13/SC	2.3	24/29	24/29	160 x 300
QC5/22/SC	2.3	19/26	19/26	205 x 340
QC5/23/SC	3.0	24/29	24/29	205 x 345
QC5/24/SC	3.0	29/32	29/32	205 x 365



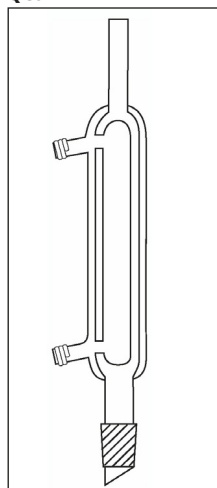
QC4:



QC5:



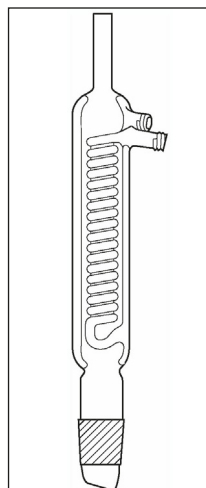
QC6:



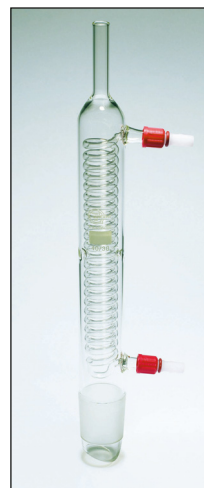
QC5:



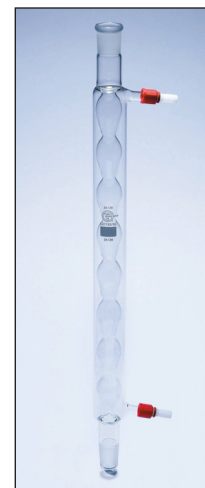
QCX6:



QCX6/05



QCX7/02



QCX7/33

Inland Revenue

Used for standard Inland Revenue test and control methods by brewers etc, the Inland Revenue condenser employs the use of coolant flow outside the coil. This condenser is very efficient but must not be used for fast rates of distillation. It is particularly useful for removing condensable vapours from non-condensable gases.

	Approx. surface area $\times 10^{-2}m^2$	Socket size	Cone size	Approx. effective \times overall lengths, mm
QC6/13/SC	2.5	24/29	24/29	205 x 340

Jacketed coil

A double surface condenser having a coil as an inner cooling surface. This type has approximately twice the surface of a plain double surface condenser of the same effective length.

	Approx. surface area $\times 10^{-2}m^2$	Socket size	Cone size	Approx. effective \times overall lengths, mm
QCX6/22/SC	4.0	19/26	19/26	160 x 360
QCX6/33/SC	4.0	24/29	24/29	160 x 365

Allihn

An inexpensive condenser, giving greater surface area than the corresponding Liebig type due to the bulb sections. This type is normally used under reflux.

	Approx. surface area $\times 10^{-2}m^2$	Socket size	Cone size	Approx. effective \times overall lengths, mm
QCX7/02/SC	1.3	—	19/26	250 x 400
QCX7/03/SC	1.3	—	24/29	250 x 405
QCX7/04/SC	1.3	—	29/32	250 x 415
QCX7/05/SC	1.3	—	34/35	250 x 335
QCX7/06/SC	1.3	—	40/38	250 x 365
QCX7/08/SC	1.5	—	50/42	250 x 365
QCX7/33/SC	1.8	24/29	24/29	400 x 545