

Condensers

A condenser is a glass instrument used to cool vapours from a distillation process to condense them into liquid form. The cooling of the vapour is achieved by the circulation of a cooling liquid (usually water) flowing through a coolant coil or jacket.

Endo Glassware's catalogue includes various types of coolants made of borosilicate glass in different sizes to suit all types of requirements.

Allihn Condenser

Code PBN001, PBN002, PBN030, PBN031, PBN049, PBN055

- For applications requiring reflux



Code	Useful length (mm)	Total length (mm)	Frosted	No. balls
PBN001	160	280	14/23 (C/S)	5
PBN002	250	386	29/32 (C/S)	5
PBN030	190	350	-	5
PBN031	300	400	29/32 (C)	8
PBN049	300	460	29/32 (C/S)	6
PBN055	300	460	24/29 (C/S)	6

Liebig West Condenser

Code PBN005, PBN006, PBN007, PBN008, PBN009, PBN036, PBN058, PBN010, PBN011, PBN012

- For distillations requiring little refrigeration
- With ground cone and socket (*except PBN006)



Code	Useful length (mm)	Total length (mm)	Frosted
PBN005	100	220	14/23
PBN006*	120	250	14/23 (S)
PBN007	150	270	14/23
PBN008	200	350	19/26
PBN009	200	310	14/23
PBN036	200	370	24/29
PBN058	250	400	29/32
PBN010	300	460	29/32
PBN011	300	450	19/26
PBN012	400	560	29/32

Liebig West Condenser, unfrosted

Code PBN014, PBN015



Code	Useful length (mm)	Total length (mm)
PBN014	200	350
PBN015	200	400

Coil condenser

Code PBN016, PBN017, PBN018, PBN019, PBN020, PBN021, PBN023

- With a coil on the inside through which the vapour circulates and condenses.
- The coolant circulates through the space between the coil and the coolant wall.
- For distillations requiring prolonged cooling.



Code	Useful length (mm)	Total length (mm)	Frosted
PBN016	120	195	-
PBN017	120	205	14/23 (S)
PBN018	120	215	14/23 (C/S)
PBN019	160	270	14/23 (S)
PBN020	200	300	45/40 (C)
PBN021	250	400	19/26 (S)
PBN023	350	470	29/32 (S)

Dimroth Condenser

Code PBN024, PBN025

- With coil on the inside through which the coolant circulates, the vapour fills the space between the coil and the coolant wall.
- For distillations requiring prolonged cooling.
- With ground cone and socket



Code	Useful length (mm)	Total length (mm)	Frosted
PBN024	250	400	29/32 (H/M)
PBN025	160	300	14/23 (H/M)

Dimroth Condenser for Soxhlet Extractors

Code PBN027, PBN028

- With ground joint



Code	Useful length (mm)	Total length (mm)	Frosted
PBN027	180	310	45/40
PBN028	200	360	55/44

Cold finger condenser

Code PBN029

- Allows for a localised cold spot
- With 14/23 ground cone



Code	Frosted	Ø Olive (mm)
PBN029	14/23 (M)	13