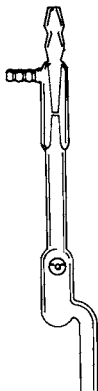


# VACUUM PUMPS

## QV-3000 VACUUM PUMP

Aspirator replaces metal pump when metal is not suitable. Free air flow per minute is approximately 6.5 liters.

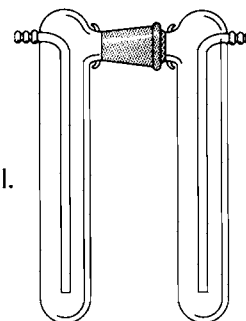
Code  
-110



## QV-3020 VACUUM PUMP PROTECTOR

Consists of an absorption trap and a freezing trap connected by 29/42 joints with hooks held together by springs. Removes condensable vapors which are absorbed by the vacuum pump oil.

<u>Description</u>	<u>Code</u>
Complete	-110
Absorption Trap Only	-111
Freezing Trap Only	-112

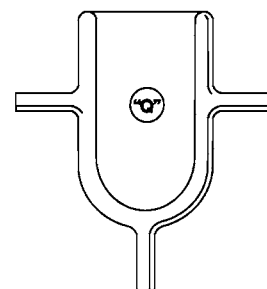


# VACUUM TRAPS

## QV-3040 VACUUM TRAP

Liquid air or dry ice, cylindrical trap with two side arm connections and bottom port. Available in well sizes listed.

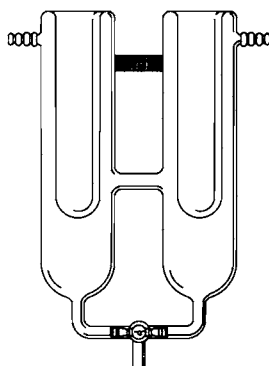
	<u>Well ID, MM</u>	<u>Well Depth, MM</u>	<u>Arm OD, MM</u>	<u>Code</u>
	25	200	18	-100
	31	225	22	-111
	37	250	25	-112
	44	250	25	-113
	52	250	28	-114



## QV-3050 VACUUM TRAP

Double chamber dry ice condenser trap offers increased condensing capacity. 4mm teflon T bore stopcock at the bottom for draining one chamber individually.

Code  
-110



## QV-3080 VACUUM TRAP

Shell design, with flask shape at bottom for condensing moisture and mercury vapors. The inner tube is cut on a 45° angle and the two hose connections at top are 90° apart.

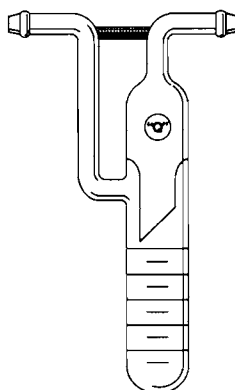
<u>Flask Section</u>	<u>Neck</u>	
<u>OD x Length, MM</u>	<u>Length, MM</u>	<u>Code</u>
40 x 80	150	-110
55 x 140	160	-111
85 x 140	160	-112



## QV-3060 VACUUM TRAP

Neil type, graduated to 25ml in 1ml divisions. Top hose connections are on a 90° angle and braced together. Inner tube is cut on a 45° angle.

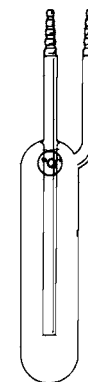
Code  
-110



## QV-4000 VACUUM TRAP

The trap is 60mm OD and 250mm long with two hose connections at the top.

Code  
-110

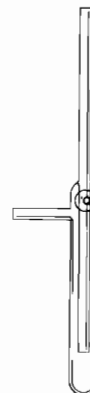


# VACUUM TRAPS

## QV-4010 VACUUM TRAP

Liquid air, for the removal of water and mercury vapors.

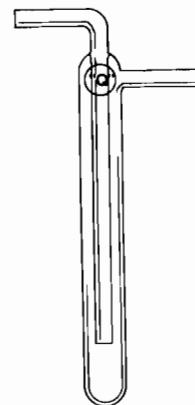
<u>Body OD, MM</u>	<u>Body Length, MM</u>	<u>Side Arm OD, MM</u>	<u>Code</u>
25	150	10	-110
30	200	12.7	-111
35	250	16	-112
41	250	19	-113
45	250	25	-114
51	300	30	-115



## QV-4020 VACUUM TRAP

Liquid air, for condensing moisture and mercury vapor. Center tube is at a right angle.

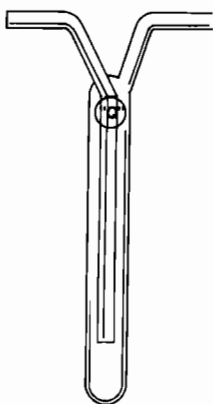
<u>Body OD, MM</u>	<u>Body Length, MM</u>	<u>Side Arm OD, MM</u>	<u>Code</u>
25	150	10	-110
30	200	12.7	-111
35	250	16	-112
41	250	19	-113
45	250	25	-114



## QV-4030 VACUUM TRAP

Vapor, inlet and outlet tubes are 8mm and bent 180° apart.

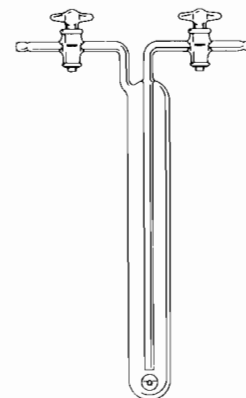
<u>Body OD, MM</u>	<u>Body Length, MM</u>	<u>Code</u>
30	200	-110
48	250	-111



## QV-4060 VACUUM TRAP

Freezing, the body is 25mm OD and 250mm long. Two side arms bent at right angles with 2mm stopcocks. Available with glass or teflon stopcocks.

<u>Glass Stopcock Code</u>	<u>Teflon Stopcock Code</u>
-110	-211



## QV-4040 VACUUM TRAP

Inlet tube has an inner joint and outer tube has an outer joint for removal and easy cleaning.

<u>Body OD, MM</u>	<u>Body Length, MM</u>	<u>Side Arm OD, MM</u>	<u>Joint Size</u>	<u>Complete Code</u>	<u>Inlet Tube Only Code</u>	<u>Outer Tube Only Code</u>
25	150	10	29/42	-110	-216	-322
30	200	12.7	34/45	-111	-217	-323
35	250	16	40/50	-112	-218	-324
41	250	19	45/50	-113	-219	-325
45	250	25	50/50	-114	-220	-326
51	250	30	55/50	-115	-221	-327

