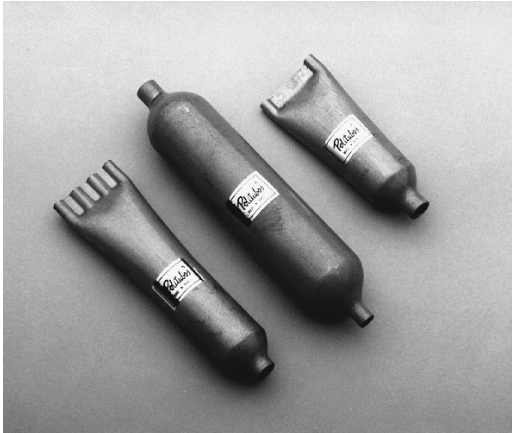


## Dryers and Filters



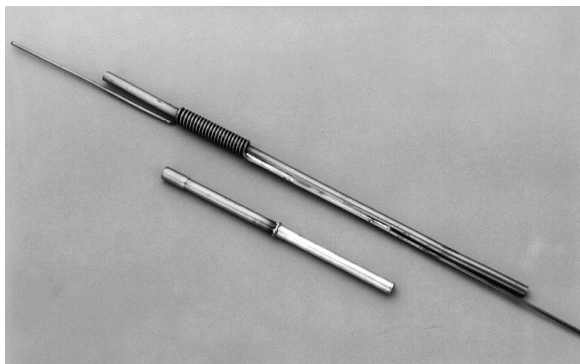
### Application

The filters and dryers are used in equipment for air conditioners, ice-sellers, freezers, drinking fountains, bottle coolers, ice machinery, etc. Assemblies in liquid pipelines have the function to retain particles, humidity and acids.

### Design

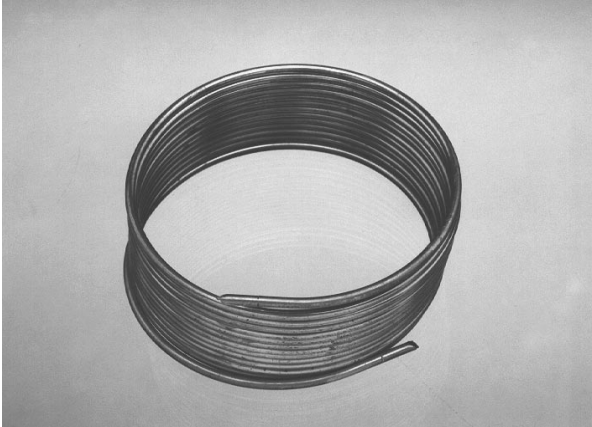
Seamless copper tube design, steel collector and bronze mesh, have curve points formed in smooth jointing, minimizing charge losses due to turbulence of refrigerating gas. Moreover, the dryers incorporate molecular sieves with high mechanical resistance and very low dust emission, with excellent absorption capacity even at high temperatures. There are models for use in equipment using freon as well as ecological gas.

## Suction Line / Connectors



The suction lines are a grouping of capillary tubes and the suction tube. The purpose of this assembly is to offer heat exchange properties to the aggregate by means of heat transfer technology, the capillary tube where a change in the physical state of the refrigerating gas takes place. The capillaries of this product are made of copper and the connecting tubes can be of copper, aluminum or a copper / aluminum joint metal. The assembly of the capillary in the tube can be of the co-axial type (with the same assembly in the inside of the tube) or of the external type with tin solder. Its main application is in domestic refrigerators, refrigerated balconies, drinking fountains and freezers.

## Capillary tubes



The seamless copper capillary tubes are manufactured by a drawing process with absolute precision. Their main applications are in the refrigeration industry and air conditioners. They can be supplied in coils, straight and formed extensions, taking care of the requirements and specifications of each and every one of their customers.

TYPE	TECHNICAL SPECIFICATIONS							
	OUTSIDE +/- 0,05		INSIDE +/- 0,05		WALL THICKNESS		METER/	KG/
	MM	INCHES	MM	INCHES	MM	INCHES	KG	METER
.015	1.50	.059	0.38	.015	0.56	.022	71.40	0.014
.020	2.00	.079	0.50	.020	0.75	.029	38.46	0.026
.027	2.06	.081	0.70	.027	0.68	.026	38.46	0.026
.029	2.06	.081	0.75	.029	0.65	.025	40.00	0.025
.031	2.06	.081	0.79	.031	0.63	.024	40.00	0.025
.032	2.06	.081	0.83	.032	0.61	.024	41.66	0.024
.036	2.06	.081	0.91	.036	0.57	.022	43.47	0.023
.039	2.00	.079	1.00	.039	0.50	.019	50.00	0.020
.042	2.20	.086	1.07	.042	0.56	.022	40.00	0.025
.047	2.50	.098	1.20	.047	0.65	.025	30.30	0.033
.050	2.50	.098	1.27	.050	0.61	.024	31.25	0.032
.053	2.67	.105	1.37	.053	0.65	.025	27.77	0.036
.064	2.67	.105	1.62	.064	0.52	.020	32.25	0.031
.070	2.67	.105	1.78	.070	0.44	.017	37.03	0.027
.080	3.20	.125	2.03	.080	0.58	.022	23.80	0.042

**MATERIAL - SEAMLESS COPPER CAPILLARY TUBING - TYPE DHP N° 122 - ASTM B 68-75**  
**TEMPER - ANNEALED - LIGHT ANNEALED - TOUGHENED - FROM 4 TO 6 KG OR IN STRAIGHT**