



## Copper Accumulator

Superior quality Suction Line Copper Accumulator (Boyle) suitable for all refrigerants.

Ideal for low-temperature applications, heat-pump and air-conditioning systems.

Designed to storage liquid, gas-liquid separation, oil return or as a muffler.



### ❖ TECHNICAL SPECIFICATIONS

#### Copper

Filter body entirely made in copper type Cu 99.9 DHP W024A Hard R290C manufactured by European sources. According to EN 12735-1, DIN 8905 F36, DIN 59753, ASTM B280, ASTM B743, ASTM B68.

Sizes – table below

| DIAMETER Ø<br>(mm) | THICKNESS<br>(mm) | WORKING PRESSURE<br>(BAR) | BURSTING PRESSURE<br>(BAR) |
|--------------------|-------------------|---------------------------|----------------------------|
| 15,8               | 0,40              | 36,90                     | 147,90                     |
| 16                 | 0,50              | 46,20                     | 184,90                     |
| 17                 | 1,00              | 87,00                     | 348,00                     |
| 17,4               | 0,40              | 34,00                     | 136,00                     |
| 17,4               | 0,50              | 42,50                     | 170,00                     |
| 18                 | 1,50              | 123,35                    | 493,00                     |
| 18,8               | 0,40              | 31,10                     | 124,50                     |
| 19                 | 0,50              | 38,90                     | 155,90                     |
| 19                 | 2,00              | 155,68                    | 622,74                     |
| 22                 | 0,50              | 33,60                     | 134,45                     |
| 23,9               | 0,45              | 24,75                     | 99,01                      |
| 24                 | 0,50              | 30,80                     | 123,30                     |
| 24                 | 0,90              | 55,46                     | 221,85                     |
| 30                 | 0,50              | 24,70                     | 98,60                      |
| 30                 | 0,90              | 44,30                     | 177,40                     |
| 34                 | 0,60              | 26,10                     | 104,40                     |
| 34                 | 1,0               | 43,50                     | 174,0                      |
| 35                 | 1,50              | 63,30                     | 253,50                     |



| DIAMETER Ø<br>(mm) | THICKNESS<br>(mm) | WORKING PRESSURE<br>(BAR) | BURSTING PRESSURE<br>(BAR) |
|--------------------|-------------------|---------------------------|----------------------------|
| 40                 | 0,70              | 25,90                     | 103,50                     |
| 42                 | 2,0               | 70,42                     | 281,71                     |
| 50                 | 1,0               | 29,60                     | 118,30                     |
| 50                 | 1,50              | 49,30                     | 197,20                     |
| 75                 | 1,50              | 29,50                     | 118,0                      |

### ODS Connections

All sizes available according to customer specifications. The connections are tapered to increase the wall thickness and the strength in one of the most critical part of the component. Ends can be protected with low density polypropylene caps to seal the internal surface from particles or moisture. Lokring compatible.

### Length

All sizes available according to customer specifications.

### R744 Compatible

A special line of products dedicated to trans-critical and high-pressure applications with a bursting pressure of 623 bar [9035 psig].

### Working Temperature

-40/ +120 °C [-40/ +248 °F]

### ❖ CERTIFICATION

- ✓ Lloyd's ISO 9001:2015 certified
- ✓ UL listed
- ✓ GOST approved
- ✓ EAC approved



### ❖ PACKAGING

Packing in 6 layers carton boxes, steel drums or steel tins to ensure protection from external agents.

