



Catalogues and Products > Air-Conditioning > Fittings in Copper and Brass > **Charge Valve**

# CHARGE VALVE

Complete of pins and cap

## Product informations

Charge valve complete of pins and cap.

## Recommended fitting conditions

To prevent damage to the mechanism, remove the same before brazing

## Pressure resistance

- **operating pressure** is the maximum pressure under which the core plunger can be operated without being deteriorated during the opening-closing movement
- **static pressure** is the maximum pressure under which the mechanism can safely still in the closed position during its life; it may be called also working pressure

## Refrigerants compatibility

Internal mechanisms are suitable for refrigerants *HCFC, HFC and R744*.

## Lubricants compatibility

Internal mechanisms are suitable for lubricants *PAG, POE and MO (mineral oil)*.



## Typical applications

- *Sku 11525*: highly recommended for all the most typical applications
- *Sku 11749*: has an internal spring, and consequently easier/stronger to handle

## Technical Features

<i>SKU 11749</i>	
<i>CONNECTION</i>	1/4" SAE
<i>PIPE LENGTH</i>	100 MM
<i>TOTAL LENGTH</i>	126 MM
<i>ANSI/ASME B1.1 THREAD (MALE)</i>	7/16" - 20 UNF - MALE 1/4"
<i>EXTERNAL DIAMETER OF THE COPPER PIPE</i>	6 MM
<i>TEMPERATURE RANGE</i>	- 40°C ÷ + 150°C
<i>MAX WORKING PRESSURE</i>	140 BAR
<i>TIGHTENING TORQUE NM</i>	11 ÷ 14

<i>SKU 11525</i>	
<i>TEMPERATURE RANGE</i>	- 40°C ÷ + 100°C
<i>MAXIMUM WORKING PRESSURE</i>	<ul style="list-style-type: none"> <li>• STATIC 140 BAR</li> <li>• ACTUATION 60 BAR</li> </ul>
<i>TIGHTENING TORQUE NM</i>	0,4 ÷ 0,5



## Charge Valve

<b>SKU 11749C</b>	
<b>THREAD ANSI/ASME B1.1</b>	7/16" - 20 UNF
<b>TIGHTENING TORQUE</b>	HAND-TIGHTENED (WITHOUT KEY FOR INTERNAL MECHANISM)
<b>MATERIAL</b>	NICKEL-PLATED BRASS, SUPPLIED WITH AN INTERNALLY PREMOUNTED SEAL (NOT O-RING)

SKU	MODEL	PRICE
00000011749	COMPLETE VALVE	€6.3 VAT EXCLUDED
0000011749C	REPLACEMENT SPARE CAP - 1/4" SAE	€1.0 VAT EXCLUDED



SKU 11749





## Charge Valve

Sku 11749C

