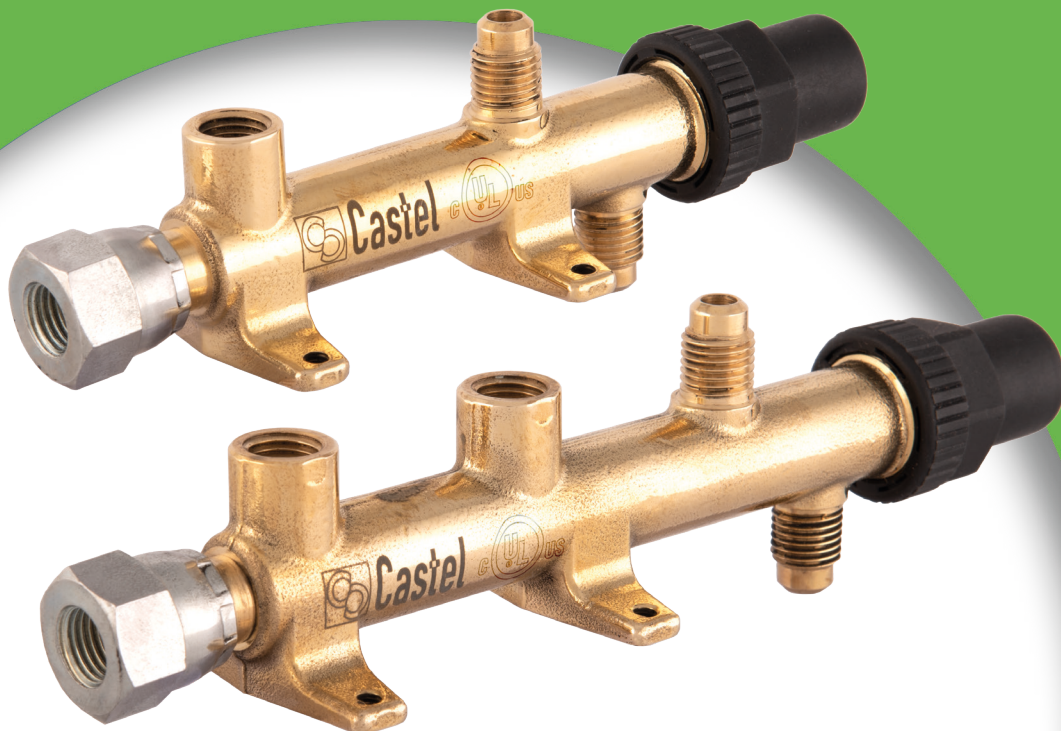


MANIFOLDS WITH INTEGRAL SHUT-OFF VALVE

MONITORING THE FLUID AND CONNECTING
INSTRUMENTATION INTO A SINGLE UNIT



FUTURE PROOF TECHNOLOGY

Refrigeration and air conditioning is a fast-developing field where today's engineers need to be more dynamic and competitive than ever before. This is why Castel focuses on developing products with ever improving performance, to be at your side in new applications and areas of use.

MONITORING THE FLUID AND CONNECTING INSTRUMENTATION IN ONE LOCATION

A pressure manifold, often simply called a manifold, is a fundamental device used in both refrigeration and air conditioning systems. This component plays a crucial role in enabling the monitoring and controlling of pressures in various types of systems, the presence of a pressure gauge and transducers is typical on a pressure manifold. These instruments sense pressure and may also connect to digital controllers. Pressure gauges are generally connected to the suction and discharge lines of the refrigeration system, and via manifolds engineers can directly read the pressure at these key points.

Code	N° of Connections	Thread	PS	TS
9901/X90	No°1 swivel inline, No°2 trasversal Female/Male No°1 inlet of controlling manual valve	1/4"	140 bar 2030 PSI	-40 / 150 °C
9901/X94	No°1 swivel inline, No°2 trasversal Female/Male No°1 inlet of controlling manual valve	1/4"		-40 / 300 °F
7341/222	No°2 Female with swivel trasversal and No°1 SAE Male, no access port	1/4"		

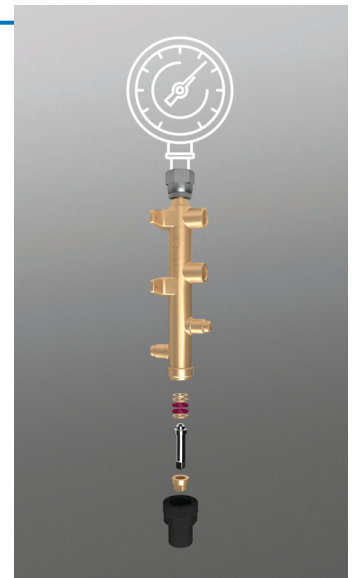
Benefits

- THE IDEAL CONFIGURATION FOR INSTRUMENTATION POINTS
- REDUCED SCREW CONNECTIONS AND BRAZED JOINTS: MINIMIZED LEAKAGE RISKS
- GREATLY REDUCED INSTALLATION TIME THANKS TO THE SINGLE PIECE DESIGN

What's NEW

- *Integrated shut-off valve*
- *UL homologation*
- *No copper gasket required on the swivel nut connection*
- *Designed for CO₂ systems*

An important aspect of refrigeration system maintenance is refrigerant charging and decanting. The pressure manifold is a good solution for this process. The product is very versatile and lends itself to a multitude of applications.



Castel has always been aware of environmental sustainability issues and gives its contribution to a cleaner environment, supplying the refrigeration and air conditioning industry with state-of-the-art and environment-friendly technology. With its commitment and steady research in its laboratories, Castel has developed a whole range of products using natural refrigerants, which reduce emissions to the minimum. The large range of products belonging to the Castel "GoGreen" line has been developed to be used in CO₂ (R744) filled systems.

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