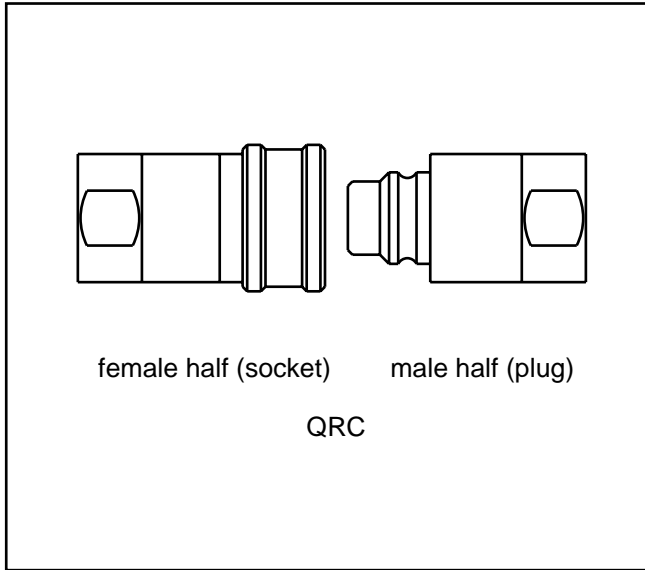


QUICK RELEASE COUPLINGS

Model QRC



APPLICATIONS

Quick release couplings are designed to provide quick connection and disconnection of hoses from plant items. They incorporate automatic shut off valves in both halves of the complete coupling. They are widely used as final connections to terminal units such as fan coils and chilled beams.

These models have inert brass to ALL wetted parts, and can be used accordingly on steel and copper pipes for the following applications:-

Low Temperature Heating (LTHW)
Chilled Water (CHW)
Compressed Air

Nominal Size (mm)	Length Connected (mm)	Max O/D (mm)	Pr. Loss At 0.3 l/s (kPa)	Pr. Loss At 0.1 l/s (kPa)	Product Code (model-size)
15	90	35	16	1.8	QRCP-015
20	90	35	16	1.8	QRCP-020
15	90	35	25	2.8	QRCT-015
20	120	45	7.4	0.8	QRCT-020
25	120	50	N E G L I G I B L E	N E G L I G I B L E	QRCT-025
32	145	55			QRCT-032
40	145	70			QRCT-040
50	170	90			QRCT-050
65	190	115			QRCT-065
80	200	140			QRCT-080
100	240	170			QRCT-100

SPECIFICATION

QRCP - For connecting to male BSPP threads using a washer. Comprising a plated brass body, stainless steel valve springs and rubber seals.

QRCT - For connecting to male BSPT threads using thread jointing compound or pte tape. Comprising a natural brass body, stainless steel valve springs and rubber seals.

Other materials of construction are available, such as de-zincification resistant alloys, carbon steel and stainless steel.

Also available: -

Couplings with 'screw-together' and 'cam-action' mechanisms for use with various hose assemblies.

Rotary unions and swivel joints for use with hose assemblies and loading arms.

OPERATING PARAMETERS

Both models

Working Temperature = 95 °C.
Working Pressure = 16 Barg.
Cold Test Pressure = 24 Barg.

Higher working pressures and temperatures are permissible with model QRCT when higher specification construction materials are used.