


For Low Pressure (Air)

ROTARY LINE CUPLA

Simple design air line couplings on free turn manifold

Working pressure



1.5 MPa
(15 kgf/cm²)

Valve structure



One-way shut-off

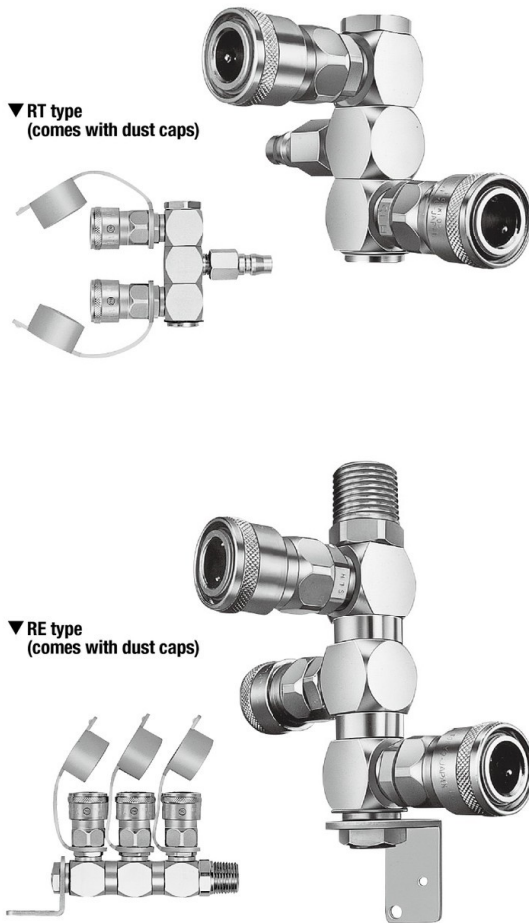
Applicable fluid



Air

Each air outlet can be turned freely to any angle independently.

- Multiple outlets are available from single air supply source.
- Sideway air outlets are rotatable to any angle. Possible hose twists can be eliminated by the component couplings' swivel mechanism.
- Choose either RT type (2 outlets) or RE type (3 outlets) to suit your application.



Specifications

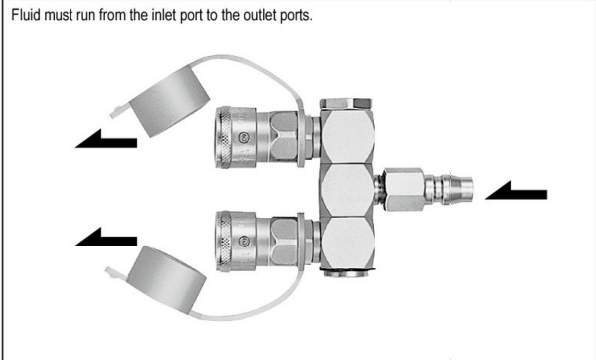
Body material	Body : Brass (Chrome plated), CUPLA : Steel (Chrome plated)			
Model	RT Type (for two branch lines)		RE Type (for three branch lines)	
Size	Inlet	HI CUPLA Plug 20PF	Inlet	R 1/2
	Outlet	2 sockets for HI CUPLA Model 20		3 sockets for HI CUPLA Model 20
Pressure unit	MPa	kgf/cm²	bar	PSI
Working pressure	1.5	15	15	218
Seal material	Seal material		Working temperature range	Remarks
Working temperature range	Nitrile rubber		NBR (SG) -20°C to +60°C	Standard material

• The products come with dust caps.

Maximum Tightening Torque (RE Type) Nm [kgf·cm]

Size (Thread)	1/2"
Torque	30 (306)

Fluid Flow Direction



Interchangeability

Interchangeable with plugs of HI CUPLA models 10, 17, 20, 30 and 40. Interchangeable with each models of NUT CUPLA series and HI CUPLA series. Please see page 19 for "HI CUPLA Series Interchangeability".

Minimum Cross-Sectional Area (mm²)

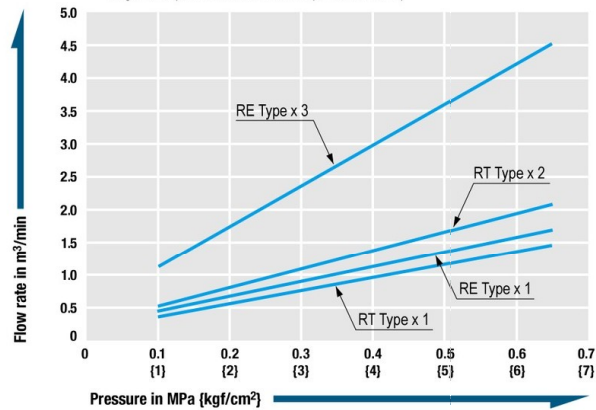
Model	RT type	RE type
Minimum cross-sectional area	33	

Suitability for Vacuum

Not suitable for vacuum application in either connected or disconnected condition.

Pressure - Flow Characteristics

[Test conditions] • Fluid : Air • Temperature : Room temperature
• Plug : 20PM (All the Socket valves are opened with 20PM)

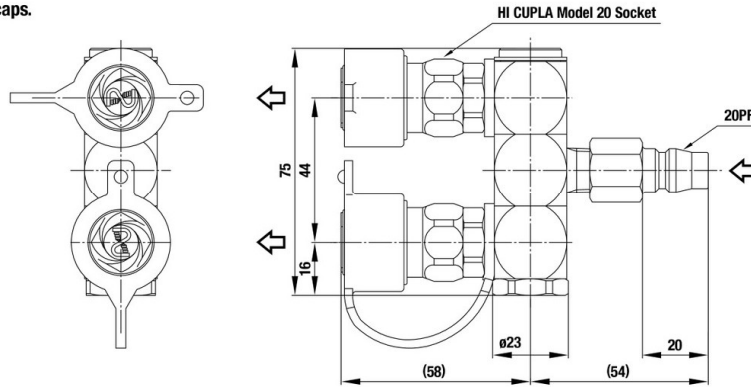


Models and Dimensions

Socket RT type (For two outlets)

Mass : 490 g

- Fluid must run in the direction of the arrow.
- The product comes with dust caps.

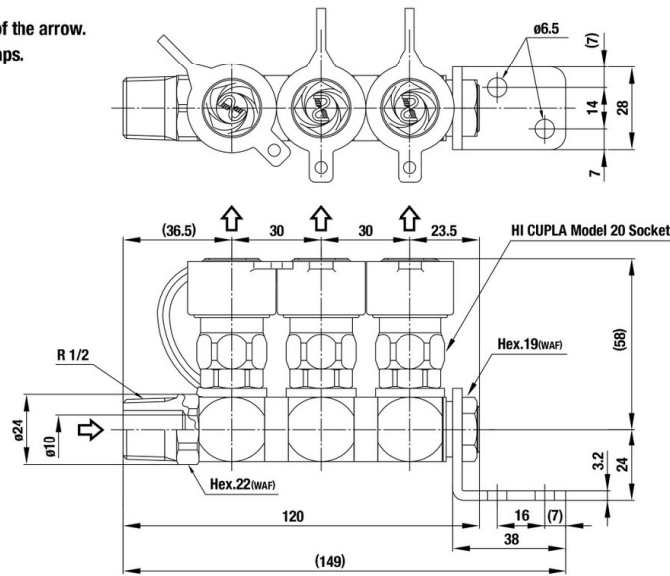


Dimensions (mm)

Socket RE type (For three outlets)

Mass : 660 g

- Fluid must run in the direction of the arrow.
- The product comes with dust caps.



Dimensions (mm)

Application Example



Before use, please be sure to read "Safety Guide" described at the end of this book and "Instruction Sheet" that comes with the products.