

For Low Pressure (Air)

Rotary Line Cupla

Simple design air line couplings on free turn manifold

Working pressure



Valve structure



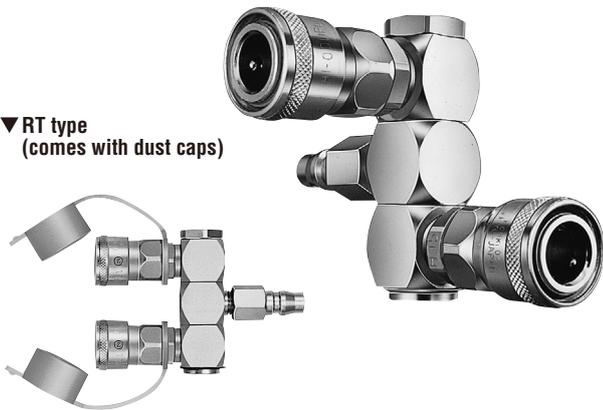
Applicable fluid



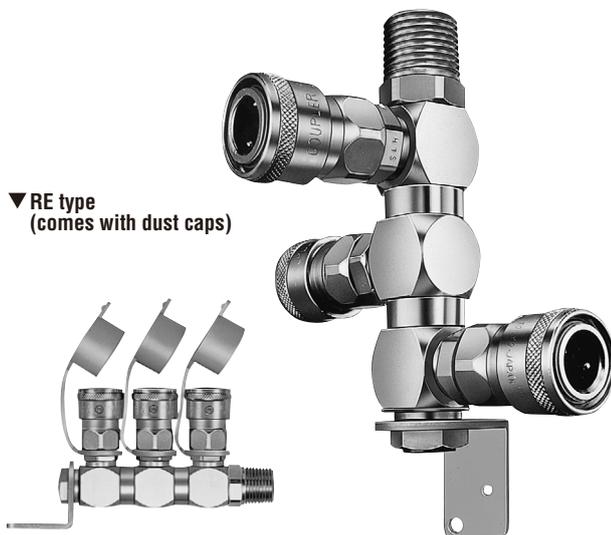
Each air outlet can be turned freely to any angle independently.

- 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 Cuplas' swivel mechanism.
- Choose either RT type (2 outlets) or RE type (3 outlets) to suit your application.

▼ RT type (comes with dust caps)



▼ RE type (comes with dust caps)



Specifications

Body material	Body : Brass (Plated), Cupla : Steel (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	Outlet	3 sockets for Hi Cupla Model 20			
Working pressure	MPa	1.5					
	kgf/cm ²	15					
	bar	15					
	PSI	218					
Seal material	Nitrile rubber	Mark	NBR (SG)	Working temperature range	-20°C to +60°C	Remarks	Standard material

• The products come with dust caps.

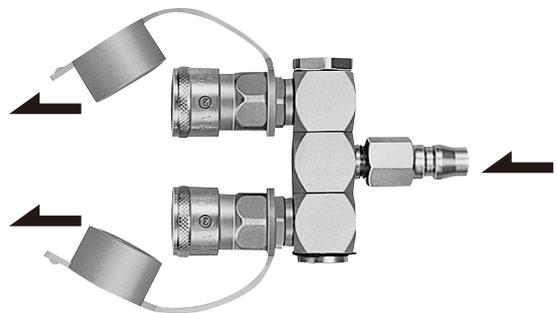
Max. Tightening Torque (RE Type)

Nm (kgf·cm)

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

Fluid Flow Direction

Fluid must run from the inlet port to the outlet ports.



Interchangeability

Can be connected with plugs for Hi Cupla Models 10, 17, 20, 30 and 40. Interchangeable with each corresponding Hi Cupla Series models.

Min. Cross-Sectional Area

(mm²)

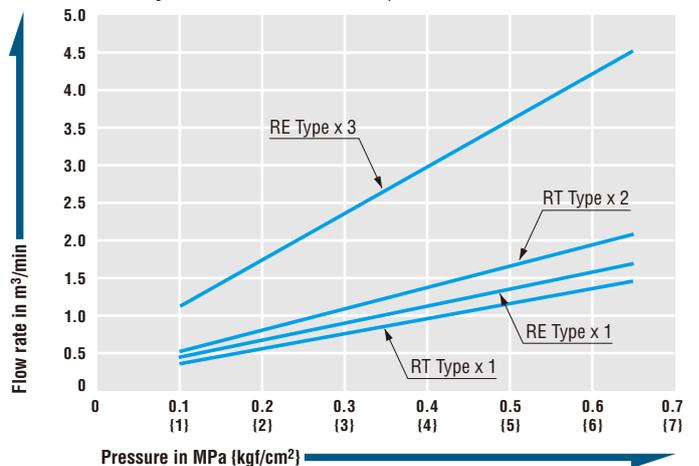
Model	RT type	RE type
Min. cross-sectional area	33	

Suitability for Vacuum

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

Pressure - Flow Characteristics

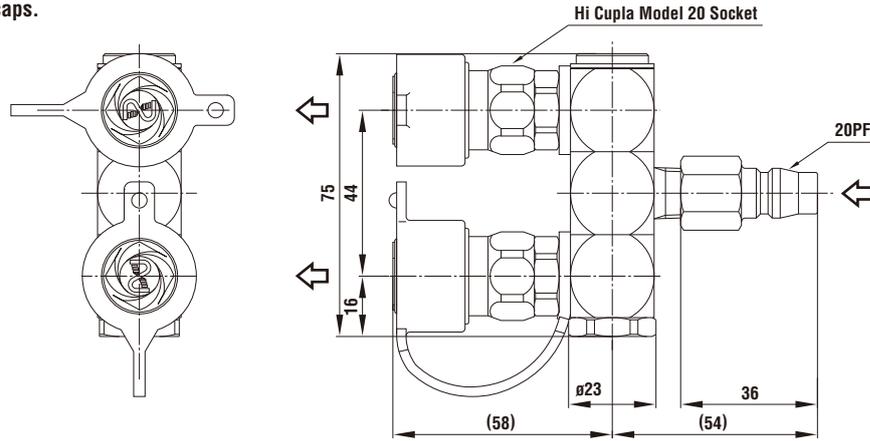
[Test conditions] • Fluid : Air • Temperature : Room temperature
• Plug : 20PM (All the Socket valves are opened with 20PM)



Socket RT type (For two outlets)

Mass : 490 g

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

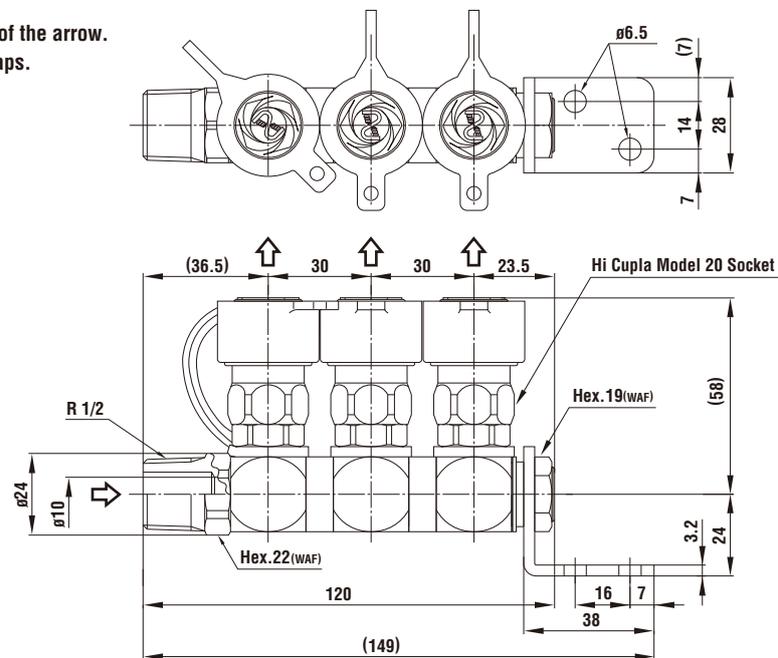


Dimensions (mm)

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



Air line manifold

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