

Auto Cupla AC Type

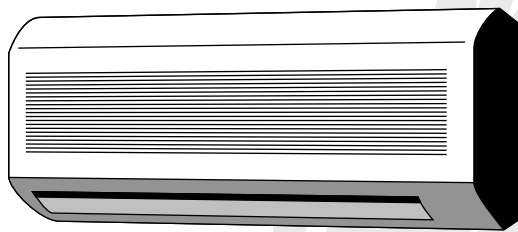
For various industrial gases

Working pressure 3.0 3.0 MPa (31 kg/cm ²)	Valve structure Two-way shut-off	Applicable fluids				
		Inert gas vacuum	Gas	Air	Water	Hydraulic oil



- This is used in the gas charge lines for air conditioners and refrigerators.
- Air-operated connection/disconnection with plug and valve opening/closing.
- Designed to be connectable to SP-V Cupla 1/4" and 3/8" plugs.

Application example



Filling air conditioner refrigerant

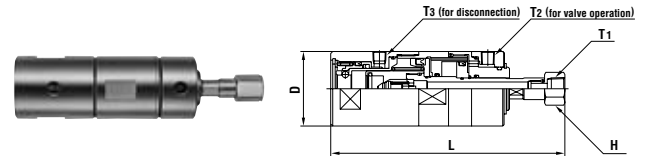
Specifications

Body material	Stainless steel (some parts are made of aluminum, and/or brass)			
Size	1/4" • 3/8"			
Working pressure MPa (kg/cm²)	3.0 {31}			
Pressure resistance MPa (kg/cm²)	3.6 {37}			
Seal material Working temperature range	Seal material	Mark	Working temperature range	Remarks
	Chloroprene rubber	CR (C308)	-20°C~+80°C	Available on request
	Hydrogenated nitrile rubber	HNBR (H708)	-20°C~+120°C	Available on request
	Nitrile rubber	NBR (SG)	-20°C~+80°C	Available on request
Cupla maximum internal working pressure	On valve operation	1.0 {10}		
	On plug disconnection	1.0 {10}		

Models and Dimensions

WAF : WAF stands for width across flats.

Socket AC type (Female thread)



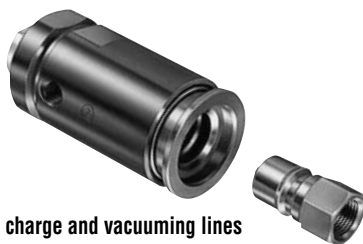
Model	Application	Dimensions (mm)					
		H(WAF)	øD	L	T ₁	T ₂	T ₃
AC-2S	R 1/4	Hex.17	44	155	Rc 1/4	Rc 1/8	Rc 1/8
AC-3S	R 3/8	Hex.21	55	173	Rc 3/8	Rc 1/8	Rc 1/8

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

Auto Cupla ACV Type

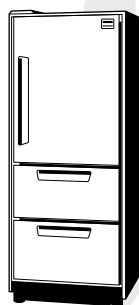
For various industrial gases

Working pressure 3.0 3.0 MPa (31 kg/cm ²)	Valve structure Two-way shut-off	Applicable fluids				
		Inert gas vacuum	Gas	Air	Water	Hydraulic oil



- This is used in the gas charge and vacuuming lines for air conditioners and refrigerators.
- Air-operated disconnection of socket and plug.
- Designed to be connectable to SP-V Cupla 1/4" and 3/8" plugs.

Application example



Exhausting a refrigerant from the pipeline of refrigerators

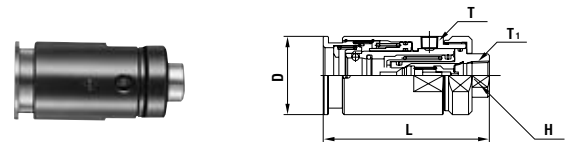
Specifications

Body material	Stainless steel (some parts are made of aluminum, and/or brass)			
Size	1/4" • 3/8"			
Working pressure MPa (kg/cm²)	3.0 {31}			
Pressure resistance MPa (kg/cm²)	3.6 {37}			
Seal material Working temperature range	Seal material	Mark	Working temperature range	Remarks
	Chloroprene rubber	CR (C308)	-20°C~+80°C	Available on request
	Hydrogenated nitrile rubber	HNBR (H708)	-20°C~+120°C	Available on request
	Nitrile rubber	NBR (SG)	-20°C~+80°C	Available on request
Cupla maximum internal working pressure	On plug disconnection	1.0 {10}		

Models and Dimensions

WAF : WAF stands for width across flats.

Socket ACV type (Female thread)



Model	Application	Dimensions (mm)				
		H(WAF)	øD	L	T	T ₁
ACV-2S	R 1/4	Two flats 19	42	100	Rc 1/8	Rc 1/4
ACV-3S	R 3/8	Two flats 21	45	96	Rc 1/8	Rc 3/8

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