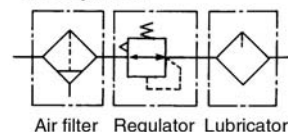


AC10 to 60



Page 20

JIS symbol



Standard Specifications

Model		AC10	AC20	AC25	AC30	AC40	AC40-06	AC50	AC55	AC60
Component	Air filter	AF10	AF20	AF30	AF30	AF40	AF40-06	AF50	AF60	AF60
	Regulator	AR10	AR20	AR25	AR30	AR40	AR40-06	AR50	AR50	AR60
	Lubricator	AL10	AL20	AL30	AL30	AL40	AL40-06	AL50	AL60	AL60
Port sizes		M5 x 0.8	1/8 1/4	1/4 3/8	1/4 3/8	1/4 3/8 1/2	3/4	3/4 1	1	1
Pressure gauge port size Note 1)		1/16	1/8	1/8	1/8	1/4	1/4	1/4	1/4	1/4
Fluid		Air								
Proof pressure		1.5MPa								
Max. operating pressure		1.0MPa								
Set pressure range		0.05 to 0.7MPa	0.05 to 0.85MPa							
Relief pressure		Set pressure + 0.05MPa Note 2) [at relief flow rate of 0.1L/min (ANR)]								
Ambient and fluid temperature		−5 to 60°C (with no freezing)								
Nominal filtration rating		5µm								
Recommended lubricant		Class 1 turbine oil (ISO VG32)								
Bowl material		Polycarbonate								
Bowl guard		—	Option	Standard						
Regulator construction		Relieving type								
Weight (kg)		0.27	0.73	0.91	1.00	1.74	1.95	4.17	4.25	4.34



Note 1) Pressure gauge connection threads are not required for F.R.L. unit with a square embedded type pressure gauge (AC20 to AC60).

Note 2) Not applicable to AC10.

Attachment/Accessory Part No.

			Part no.								
Description		Model	AC10	AC20	AC25	AC30	AC40	AC40-06	AC50	AC55	AC60
Accessories	Pressure gauge ^{Note 1)}	1.0MPa Round	G-27-10-R1	G36-10-□01	G36-10-□01	G36-10-□01	G46-10-□02	G46-10-□02	G46-10-□02	G46-10-□02	G46-10-□02
		Square embedded type ^{Note 2)}	—	GC3-10AS	GC3-10AS	GC3-10AS	GC3-10AS	GC3-10AS	GC3-10AS	GC3-10AS	GC3-10AS
	0.2MPa Round	G-27-10-R1 ^{Note 3)}	G36-2-□01	G36-2-□01	G36-2-□01	G46-2-□02	G46-2-□02	G46-2-□02	G46-2-□02	G46-2-□02	G46-2-□02
		Square embedded type ^{Note 2)}	—	GC3-2AS	GC3-2AS	GC3-2AS	GC3-2AS	GC3-2AS	GC3-2AS	GC3-2AS	GC3-2AS
Attachments	Float type auto drain ^{Note 4)}	N.O.	—	—	AD38/AD38N ^{Note 7)}	AD38/AD38N ^{Note 7)}	AD48/AD48N ^{Note 7)}	AD48/AD48N ^{Note 7)}	AD48/AD48N ^{Note 7)}	AD48/AD48N ^{Note 7)}	AD48/AD48N ^{Note 7)}
		N.C.	AD17	AD27	AD37/AD37N ^{Note 7)}	AD37/AD37N ^{Note 7)}	AD47/AD47N ^{Note 7)}	AD47/AD47N ^{Note 7)}	AD47/AD47N ^{Note 7)}	AD47/AD47N ^{Note 7)}	AD47/AD47N ^{Note 7)}
	Spacer		Y100	Y200	Y300	Y300	Y400	Y500	Y600	Y600	Y600
	Check valve ^{Note 5)}		—	AKM2000-□01 □02	AKM3000-□01 □02	AKM3000-□01 □02	AKM4000-□02 □03	—	—	—	—
	Pressure switch ^{Note 6)}		—	IS1000M-20	IS1000M-30	IS1000M-30	IS1000M-40	IS1000M-50	IS1000M-60	IS1000M-60	IS1000M-60
	T-interface ^{Note 5)}		Y110-M5	Y210-□01 □02	Y310-□01 □02	Y310-□01 □02	Y410-□02 □03	Y510-□02 □03	Y610-□03 □04	Y610-□03 □04	Y610-□03 □04
	3-port valve for residual pressure release ^{Note 6)}		—	VHS20-□01 □02	VHS30-□02 □03	VHS30-□02 □03	VHS40-□02 □03	VHS40-□06 □04	VHS50-□06 □10	—	—
	Piping adapter ^{Note 6)}		E100-M5	E200-□01 □02 □03	E300-□02 □03 □04	E300-□02 □03 □04	E400-□02 □03 □04 □06	E500-□06	E600-□06 □10	E600-□06 □10	E600-□06 □10
	Pressure switch with piping adapter ^{Note 6)}		—	IS1000E-20 □01 □02 □03	IS1000E-30 □02 □03 □04	IS1000E-30 □02 □03 □04	IS1000E-40 □02 □03 □04 □06	—	—	—	—
	Cross interface ^{Note 6)}		Y14-M5	Y24-□01 □02	Y34-□01 □02	Y34-□01 □02	Y44-□02 □03	Y54-□03 □04	—	—	—



Note 1) □ in part numbers for a round pressure gauge indicates a type of connection thread. No indication is necessary for R; however, indicate N for NPT. Contact SMC regarding the connection thread NPT and pressure gauge supply for PSI unit specifications.

Note 2) Includes one O-ring and 2 mounting screws.

Note 3) For 1.0MPa.

Note 4) Minimum operating pressure: N.O. type—0.1MPa; N.C. type—0.15MPa (AD17/27).

Note 5) For F.R.L. units, port sizes not in () are for standard application.

Note 6) Separate interfaces are required for modular unit.

Note 7) When "N" is specified in the end of part number of auto drain, applicable tube O.D should be ø3/8".