

PneumaticPlus

AIR FILTER/REGULATOR INSTRUCTION SHEET SAW2000 SERIES

Maximum Supply Pressure: 250 PSI

Maximum Operating Pressure: 150 PSI

Operating Temperature Range: 40° F to 140° F

Installation

Install units so the airflow is in the direction “IN-OUT” as indicated by arrow on the head of the unit. Install filter/regulator first in line of additional units such as regulators or lubricators, and as close as possible to the pneumatic tools or appliances being serviced. Filter/Regulator must be installed in vertical, downstream position for proper function. Do not install polycarbonate bowl in pressure that exceeds 150 PSI or where there is a presence of solvents harmful to polycarbonate. In these cases, use a metal bowl.

Maintenance & Operation

FILTER: Filtering out of dirt and foreign particles, and the separation of moisture is automatic with air flow. There are no moving parts and no adjustments are necessary. Accumulated sludge and moisture should be drained off. Sediment should not be permitted to fill above the lower baffle. Wash filter element at intervals with methylene chloride or similar cleansing fluid to maintain filtering efficiency. To clean element, depressurize system, unscrew polycarbonate bowl and unscrew element from head. Dry filter element thoroughly before reassembling. Clean filter bowl(s) only with soapy water. Inspect O-ring, replacing if damaged or distorted. Reassemble with care to avoid stripping threads on bowl. After a metal bowl with sight is tightened, it may be rotated up to 180° (for proper viewing.)

REGULATOR: Before supplying the air, turn the adjusting knob counter-clockwise until compression is released from the control spring. Turn on the air supply and adjust the knob to set the desired secondary pressure by turning the knob clockwise.

Note: Adjustment knob must be pulled away from the body of the regulator to operate. After desired secondary pressure is set, pushing the knob back towards the body will lock the control knob.

IMPORTANT: Use care to avoid screwing fittings too far into body of units as it may close internal ports. Normally finger tight plus one turn will seal.

WARNING

IMPROPER SELECTION OR IMPROPER USE OF PRODUCTS AND/OR SYSTEMS CAN CAUSE DEATH, PERSONAL INJURY, AND PROPERTY DAMAGE. PNEUMATIC PLUS IS NOT LIABLE FOR USE OTHER THAN SPECIFIED.

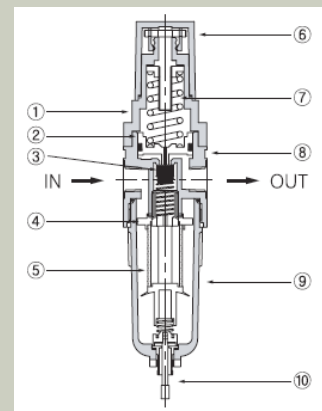
To avoid unpredictable system behavior that cause personal injury and property damage,

- User must be trained and equipped for the handling, use and servicing of high pressure fluids and systems.
- Follow all applicable safety and maintenance procedures.
- Obey local, government and agency codes and regulations.
- Disconnect electrical supply if necessary before installation, servicing or conversion.
- Disconnect air supply and depressurize all air lines connected to this product before installation, servicing or conversion.
- Operate within the manufacturer’s specified pressure, temperature and other conditions listed in these instructions.

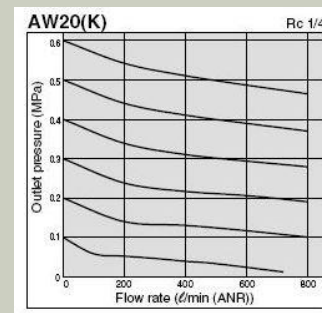
These products are intended for use in industrial compressed air systems ONLY. Do not use on life support systems or breathing air systems. Never use polycarbonate plastic bowls with air supplied by a compressor lubricated with synthetic oils or oils containing phosphate esters or chlorinated hydrocarbons. They can carry over into the air distribution system and chemically attack and possibly rupture the bowl. On these applications use a metal bowl. Also, do not expose the polycarbonate plastic bowl to materials such as trichloroethylene, acetone or paint thinner. Cleaning fluids or other harmful materials will craze and/or rupture the bowl. If materials harmful to polycarbonate are present either outside or inside the bowl, use a metal bowl.

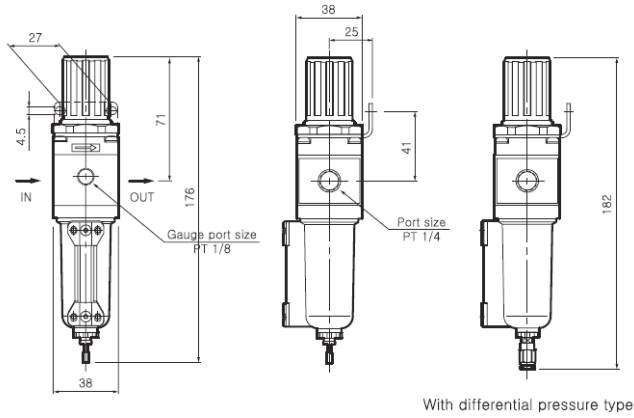
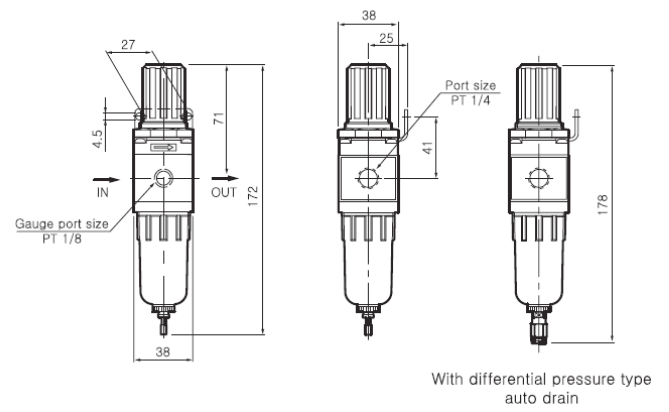
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STRUCTURE/PART



No.	PARTS	MATERIAL
1	Cover	N66G
2	Piston	N66G
3	Check valve	NBR
4	Buffer	ABS
5	Element	Porous plastics
6	Handle	N66G
7	Spring	SWP
8	Body	ZnDC
9	Bowl	PC
10	Drain part	



SAW 2000M-Me

SAW 2000M


Option	D : With auto drain (differential pressure type)	G : Gauge	B : Bracket
Dimension	<p>Φ4mm one-touch fitting</p> <p>K+7</p>	<p>Model : G40 PT 1/8 φ42</p>	<p>Model : B220</p>

REPLACEMENT KIT (ACCESSORY)

ITEM	ELEMENT KIT (mm)	POLY/ METAL BOWL	AUTO DRAIN	BRACKET
SAW2000 Series	F2000M-EL (15.5 X 28)	BKF2/ BKF2-MeP	SAD200	B220
SAW3000 Series	F3000M-EL (24.5 X 28)	BKF3/ BKF3-MeP	SAD300/SAD300N	B320
SAW4000 Series	F4000M-EL (30 X 56)	BKF4/ BKF4-MeP	SAD400/SAD400N	B420
SAW6000 Series	F6000M-EL (43.5 X 76)	BKF4/ BKF4-MeP	SAD400/SAD400N	B620

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Tel: 800-658-3579/Fax: 310-347-4425, WWW.PNEUMATICPLUS.COM