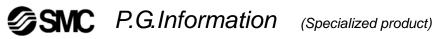
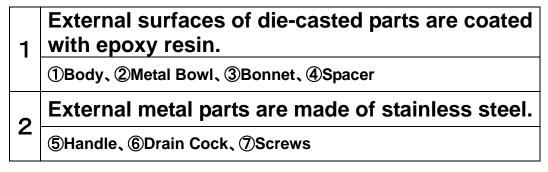
SP093X-010E P: NW



Air Line Equipment —X480 Series **Epoxy Resin Coating Specifications**

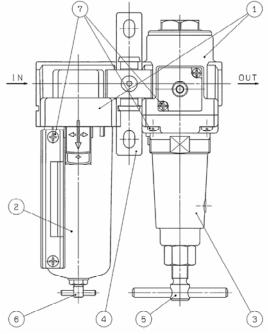
SMC CORPORATION 4-14-1, SOTO-KANDA, CHIYODA-KU, TOKYO 101-0021, JAPAN URL: http://www.smcworld.com

Feature:

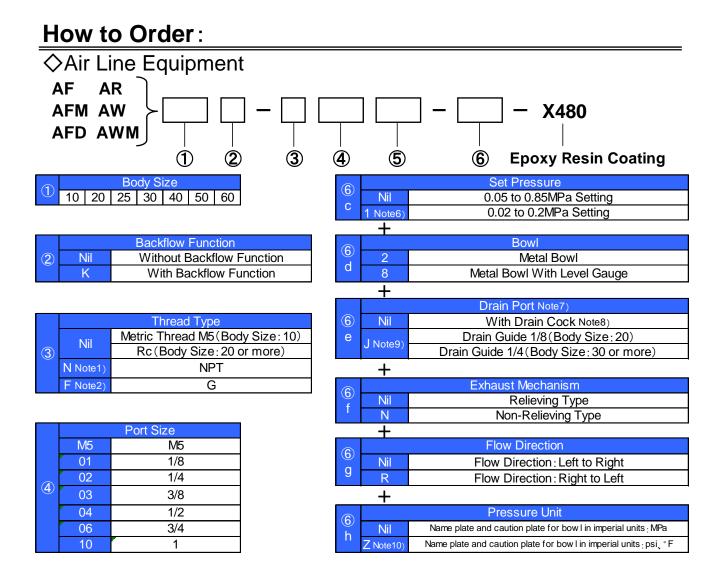


The corrosion resistance is improved vs. the standard product.

(Based on salt spray test results, corrosion resistance was twice as effective compared to the standard product .)



- Note 1) Although the corrosion resistance is more effective than the standard product, the product is not corrosion proof.
- Note 2) * The back of the AF, AFM and AFD bodies are not coated with epoxy resin.
 - * Parts of the spacer and the piping adapter, which are unexposed when combined with other components, are not coated with epoxy resin.
 - => Do Not Use in an environment directly exposed to water.
- Note 3) Be aware that original features may not be achieved due to peeling of paint or flaws generated by contact of friction between metal parts.



| | | Mounting Note3) |
|-----|----------|---------------------------------|
| (5) | Nil | Without Mounting Option |
| а | B Note4) | With Bracket |
| | Н | With Set Nut(For Panel Fitting) |
| | | |

| | | Float Type Auto Drain Note5) |
|---|-----|------------------------------|
| 5 | Nil | Without Auto Drain |
| b | С | Float Type Auto Drain(N.C.) |
| | D | Float Type Auto Drain(N.O.) |

| •5.6 | : Select | one | each | for | а | to | h . | |
|------|----------|-----|------|-----|---|----|------------|--|
|------|----------|-----|------|-----|---|----|------------|--|

 \cdot (5), (6) symbol : When more than one specification is

required, indicate in alphanumeric order .

Example) AR30K-03B-1NR-X480

Note 1) Regarding AF, AFM, AFD, AW and AWM, drain guide is NPT1/8 (applicable to body size 20) and NPT1/4 (applicable to body size 30 or more). The auto drain port is NPT1/4 (applicable to body size 30 or more).

Note 2) Regarding AF, AFD, AW and AWM, drain guide is G1/8 (applicable to body size 20) and G1/4 (applicable to body size 30 or more). The auto drain port is G1/4 (applicable to body size 30 or more).

Note 3) Mounting option B, H are not assembled and supplied loose at the time of shipment.

Note 4) Set nuts are attached to the bracket.[AR20(K) to AR40(K), AW20(K) to AW40(K), AWM]

Mounting screws (2 pieces) are attached. [AF, AFM, AFD, AR50(K), AR60(K), AW60(K)]

Note 5) Since resin parts of the float type auto drains, C and D, are exposed to the outside environment, they may deteriorate by cleaning agents (solvents).

Note 6) The only difference from the standard specifications is the adjusting spring for the regulator. It does not restrict the setting of 0.2 MPa or more.

Note 7) Float type auto drain :The combination of C and D is not possible.

Note 8) Regarding AF, AFM and AFD, the drain cock material for the body sizes of 10 and 20 is brass with electroless plating.

Note 9) Without a valve function.

Note 10) For thread type: M5 and NPT. This product is for overseas use only according to the new Measurement Law .

(The SI unit type is provided for use in Japan.)

♦Air Line Equipment Configuration

| | | | | 6 | D | | | | | | | | | (| 5 | | | | | 6 | | | |
|-----|------------------|--------------|---|---|----------|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|---|
| | Model | 1 | 2 | (| 3 | | | | 4 | | | | | a | | b | с | | d | е | f | g | h |
| | | Body Size | к | N | F | М5 | 01 | 02 | 03 | 04 | 06 | 10 | в | н | С | D | 1 | 2 | 8 | J | N | R | z |
| | | 10 | | | | | | | | | | | | | | | | | | | | | 0 |
| | | 20 | | | | | | | | | | | • | | | | | | | | | • | 0 |
| AF | Alta Elitera | 30 | | | | | | | | | | | • | | | | | | | | | • | 0 |
| AF | Air Filter | 40 | | | | | | | | | | | • | | | | | | | | | • | 0 |
| | | 50 | | | | | | | | | | | • | | | | | | | | | | 0 |
| | | 60 | | | | | | | | | | | • | | | | | | | | | | 0 |
| | | 20 | | | | | | | | | | | • | | | | | | | | | • | 0 |
| AFM | Mist Separator | 30 | | | | | | | | | | | • | | | | | | | | | • | 0 |
| | | 40 | | | | | | | | | | | • | | | | | | | | | | 0 |
| | Micro | 20 | | | | | | | | | | | • | | | | | | | | | | 0 |
| AFD | | 30 | | | | | | | | | | | • | | | | | | | | | | 0 |
| | Mist Separator | 40 | | | | | | | | | | | • | | | | | | | | | • | 0 |
| | | 20 | | | | | | | | | | | • | | | | | | | | | • | 0 |
| | | 25 | | | | | | | | | | | • | | | | | | | | | • | 0 |
| AR | | 30 | | | | | | | | | | | • | | | | | | | | | | 0 |
| AR | Regulator | 40 | | | | | | | | | | | • | | | | | | | | | | 0 |
| | | 50 | | | | | | | | | | | • | | | | | | | | | • | 0 |
| | | 60 | | | | | | | | | | | • | | | | | | | | | | 0 |
| | | 20 | | | | | | | | | | | • | | | | | | | | | | 0 |
| AW | Filter Demulater | 30 | | | | | | | | | | | • | | | | | | | | | | 0 |
| Aw | Filter Regulator | 40 | | | | | | | | | | | | | | | | | | | | | 0 |
| | | 60 | | | | | | | | | | | | | | | | | | | | | 0 |
| | Mist Consult | 20 | | | | | | | | | | | • | | | | | | | | | | 0 |
| AWM | Mist Separator | 30 | | | | | | | | | | | • | | | | | | | | | | 0 |
| | Regulator | 40 | | | | | | | | | | | | | | | | | | | | | 0 |

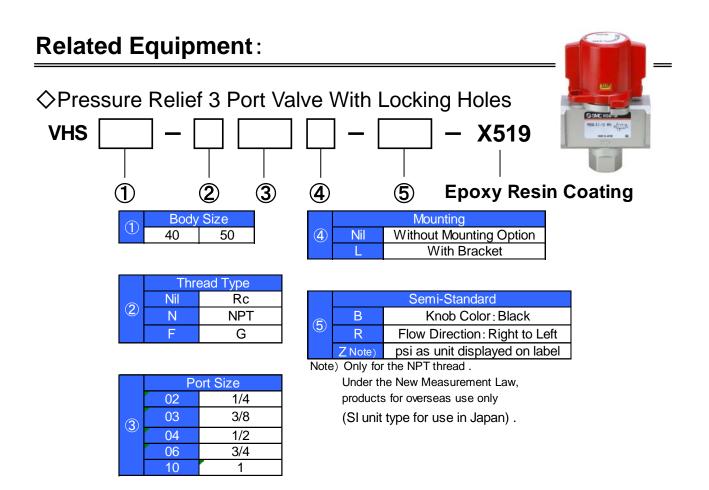
Note) O: For thread type: M5 and NPT only .

%If air line equipment other than those listed above are required, consult with us.

Specifications:

Equivalent to the standard model. (Fluid, Ambient and fluid temperature, Proof pressure, Maximum operating pressure, Set pressure range)

※Regarding AR, AW and AWM, if an application needs relief pressure, consult with us since the piston type pressure regulating construction is required.



◇Pressure Relief 3 Port Valve With Locking Holes Configuration

| | | 1 | | 2 | | | 3 | | | 4 | | 5 | |
|------|------------------------------|--------------|---|---|----|----|----|----|----|-----------|-----------|-----------|---|
| | Model | Body Size | Ν | F | 02 | 03 | 04 | 06 | 10 | L | в | R | z |
| VHS | Pressure Relief 3 Port Valve | 40 | | | | | | | | | \bullet | • | |
| VIIS | With Locking Holes | 50 | | | | | | • | • | \bullet | \bullet | \bullet | |

%If VHS other than those listed above are required, consult with us.

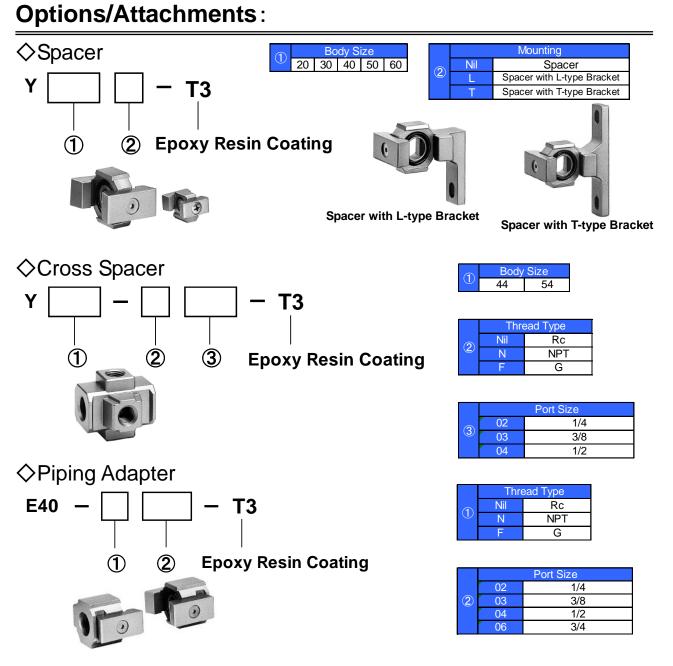
♦Pressure Gauge

G43 Series / Wetted Parts : Stainless Steel Specification (-X3)

A stud and A bourdon tube made of Stainless Steel .



***** The gauge is sold separately from the AR, AW, and the AWM. The customer should order the gauge separately for these units.



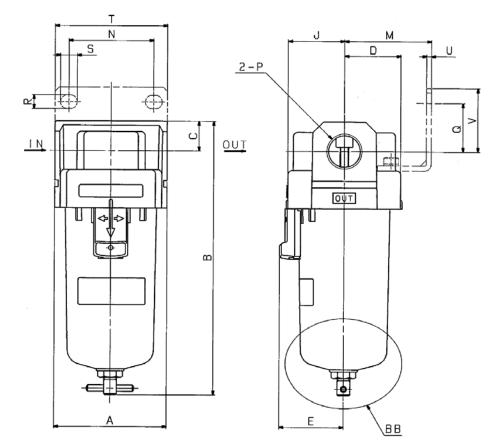
♦ Spacer, Cross Spacer and Piping Adapter Configuration

| | Model | Body Size | 01 | 02 | 03 | 04 | 06 | 10 | Applicable Model |
|-------------|----------------|--------------|----|----|----|----|----|----|---|
| | | 20 | | | | | | | AC20 |
| | | 30 | | | | | | | AC25 🗆 🕻 AC30 🗆 |
| Y**(L、T) | Spacer | 40 | | | | | | | AC40□、VHS40 |
| | | 50 | | | | | • | | AC40□-06、VHS40-06 |
| | | 60 | | | | | | | AC50B、AC55B、AC60B、VHS50 |
| Y** | 0 | 44 | | | | | | | AC40 |
| <u>ነ ተተ</u> | Cross Spacer | 54 | | | | | | | AC40□-06 |
| E**(L、T) | Piping Adapter | 40 | | • | • | • | • | | AC40 AF40、AR40 AW40 AFM40、AFM40、AFM40、AFM40、AFM40、AFM40、AWM40 |

%If Options other than those listed above are required, consult with us.

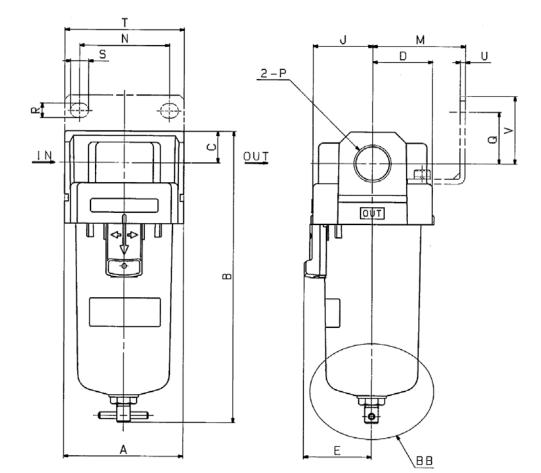
Dimensions: mm

♦ Air Filter/AF



| MODEL NO. | | ~AF60 | AF10,20 | AF 30* | AF60 | AF20 | AF30 | ~AF60 |
|--------------------------------|---------------|---------------|---------|--------|------|---------------|----------------------|---|
| ACCESSORY | WITH AUTO DRA | IN(N.O,/N.C.) | | | | | | |
| OPTIONS | 2 | 8 | 2 | 2 | 8 . | 2 J | 2.1 | 8J |
| EXTERNAL APPEARANCE DRAVING | | | | B | | 1/8 HEX.14 | <u>1/4</u> HEX.17 | AA /////////////////////////////////// |

| DIMENSIONS | | | | | | | | | | | | | | | | | | | | | |
|--------------|-------------|-----|-----|------|------|------|------|----|----|-----|------|------|-----|------|----|-----------|---------------------------------------|------------|------------------|------------------|-------------------------------------|
| | | | | | | | | | | (| OPTI | ONAL | SP | ECIF | | TIONS | | SEMI-S | TANDARD | SPECIFI | CATIONS |
| MODEL NO. | STAND | ARD | SPE | CIF | CAT | IONS | | | | BRA | ACKE | т мо | UNT | | | WITH AUTO | DRAIN WITH AUTO DORAL AND LEVEL GAUGE | METAL BOWL | WITH LEVEL GAUGE | WITH DRAIN GUIDE | WITH LEVEL GAUGE AND DRAIN GUIDE |
| | P | Α | C | D | E | J | AA | M | N | Q | R | S | Т | U | V | B | B | В | В | В | В |
| AF10-X480 | M5x0.8 | 25 | 7 | 12.5 | - | 12.5 | - | - | - | - 1 | - | - | - | - | - | | | 66 | | | |
| AF20-X480 | 1/8,1/4 | 40 | 10 | 20 | - | 20 | - | 30 | 27 | 22 | 5.4 | 8.4 | 40 | 2.3 | 28 | - | | 97 | | | |
| AF30-X480 | 1/4,3/8 | 53 | 14 | 26.5 | 30.5 | 26.5 | 34.5 | 41 | 40 | 23 | 6.5 | 8 | | 2.3 | | | 158 | 129 | 149 | 136 | 156 |
| AF40-X480 | 1/4,3/8,1/2 | 70 | 18 | 35 | 38 | 35 | 41 | 50 | 54 | 26 | 8.5 | 10.5 | 70 | 2.3 | 35 | | 194 | 165 | 185 | 172 | 192 |
| AF40-06-X480 | 3/4 | 75 | 20 | 35 | 38 | 35 | 41 | 50 | 54 | | | 10.5 | | 2.3 | | + | 198 | 169 | 189 | 176 | 196 |
| AF50-X480 | 3/4,1 | 90 | 24 | 45 | - | 45 | 41 | 70 | 66 | 35 | 11 | 13 | 90 | 3.2 | | | 274 | 245 | 265 | 252 | 272 |
| AF60-X480 | 1 | 95 | 24 | 47.5 | - | 47.5 | 41 | 70 | 66 | 35 | 11 | 13 | _ | 3.2 | | | 287 | 258 | 278 | 265 | 285 |



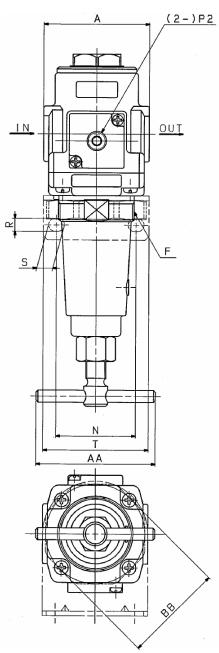
♦Mist Separator/AFM, Micro Mist Separator/AFD

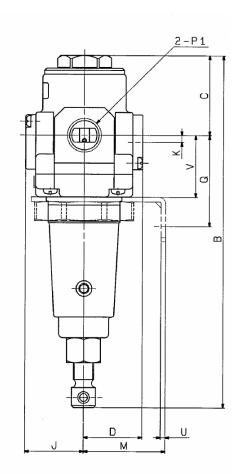
| BOWL ASSEMBL | Y PORTION BB | | | | | | | |
|--------------------------------|---------------|---------------|------------|--------------|--------------|--------------------|------------------------|------------------------------------|
| MODEL NO. | AFM,AFD30~A | FM, AFD40-06 | AFM, AFD20 | AFM, AFD30~A | FM, AFD40-06 | AFM, AFD20 | AFM, AFD30~A | FM, AFD40-06 |
| ACCESSORY | WITH AUTO DRA | IN(N.O./N.C.) | | | | | | |
| OPTIONS | 2 | 8 | 2 | 2 | 8 | 2 J | 2 J | 8J |
| EXTERNAL APPEARANCE Drawing | | | | | | 1 1/8 HEX.14 | <u></u> m <u></u> m | AA <u>(1/4</u> <u>HEX.17</u> |

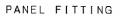
| Ę | D | I | М | Е | N | s | I | ON | s |
|---|---|---|---|---|---|---|---|----|---|
| | | | | | | | | | |

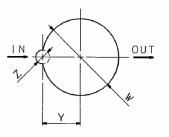
| | | | | | | | | | | 1 | DPTI | ONAL | SP | ECIF | ICA | TIONS | | SEMI-S | TANDARD | SPECIFI | CATIONS |
|--------------------|-------------|-----|-----|------|------|------|------|----|----|-----|------|------|-----|------|-----|--------------|--|------------|------------------|------------------|-------------------------------------|
| MODEL NO. | STAND | ARD | SPE | CIFI | CAT | IONS | | | | BRA | CKE | т мо | UNT | | | VITH AUTO DA | RAIN WITH AUTO DORAIN AND LEVEL GAUGE | METAL BOWL | WITH LEVEL GAUGE | WITH DRAIN GUIDE | VITH-LEVEL GAUGE AND DRAIN GUIDE |
| | P | A | C | D | E | J | AA | M | N | Q | R | S | T | U | V | B | 8 | В | В | В | В |
| AFM, AFD20-X480 | 1/8,1/4 | 40 | 10 | 20 | - | 20 | - | 30 | 27 | 22 | 5.4 | 8.4 | 40 | 2.3 | 28 | | | 97 | | _ | |
| AFM, AFD30-X480 | 1/4,3/8 | 53 | 14 | 26.5 | 30.5 | 26.5 | 34.5 | 41 | 40 | 23 | 6.5 | 8 | 53 | 2.3 | 30 | | 158 | 129 | 149 | 136 | 156 |
| | 1/4,3/8,1/2 | 70 | 1.8 | 35 | 38 | 35 | 41 | 50 | 54 | 26 | 8.5 | 10.5 | 70 | 2.3 | 35 | | 194 | 165 | 185 | 172 | 192 |
| AFM, AFD40-06-X480 | 3/4 | 75 | 20 | 35 | 38 | 35 | 41 | 50 | 54 | 25 | 8.5 | 10.5 | 70 | 2.3 | 34 | | 198 | 169 | 189 | 176 | 196 |

♦ Regulator/AR





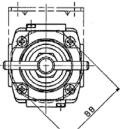


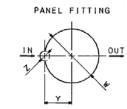


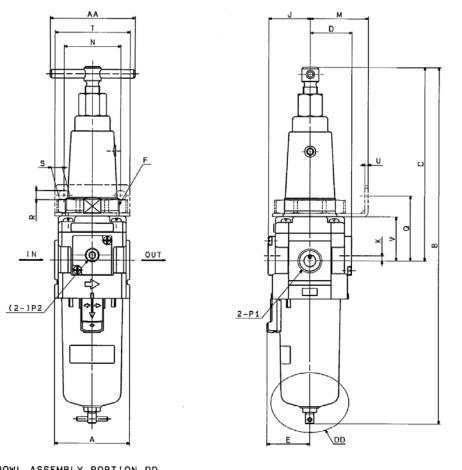
DIMENSIONS

| | | 5 | ΤΔΝΓ | | SPE | CLEI | CATIONS | | | | | | OP | TION | AL S | SPEC | IFIC | CATIO | DNS | | | |
|-----------------|-------------|-----|------|-----|-------|------|---------|-------|-----|-----|----|----|----|------|------|------|------|-------|-----|------|-----|----------|
| MODEL NO. | | | | | 51 24 | | CATTONS | , | | | | | В | RACK | ET | MOUN | Т | | PA | NEL | MOU | NT |
| | P1 | P2 | A | B | C | D | F | J | K | AA | BB | м | N | Q | R | S | T | U | ٧ | W | Y | Z |
| AR20(K)-X480 | 1/8,1/4 | 1/8 | 40 | 134 | 34 | 28.5 | M28x1 | 28.5 | -2 | 50 | 36 | 30 | 34 | 44 | 5.4 | 15.4 | 55 | 2.3 | 25 | 28.5 | 14 | 6 |
| AR25(K)-X480 | 1/4,3/8 | 1/8 | 53 | 158 | 35.5 | 27.5 | M32x1.5 | 27.5 | 0 | 60 | 41 | 30 | 34 | 47 | 5.4 | 15.4 | 55 | 2.3 | 29 | 32.5 | 16 | 6 |
| AR30(K)-X480 | 1/4,3/8 | 1/8 | 53 | 177 | 40 | 29.5 | M38x1.5 | 29.5 | 3.5 | 60 | 50 | 41 | 40 | 46 | 6.5 | 8 | 53 | 2.3 | 31 | 38.5 | 19 | 7 |
| AR40(K)-X480 | 1/4,3/8,1/2 | 1/4 | 70 | 204 | 45 | 34 | M42x1.5 | 34 | 3.5 | 60 | 55 | 50 | 54 | 57.5 | 8.5 | 10.5 | 70 | 2.3 | | 42.5 | | 7 |
| AR40(K)-06-X480 | 3/4 | 1/4 | 75 | 205 | 45 | 34 | M42x1.5 | 34 | 3 | 60 | 55 | 50 | 54 | 59 | 8.5 | 10.5 | 70 | | | 42.5 | | 7 |
| AR50(K)-X480 | 3/4.1 | 1/4 | 90 | 256 | 54 | 43.5 | - | 43.5 | 3.3 | 125 | - | 70 | 66 | 65.8 | | 13 | 90 | 3.2 | - | - | _ | - |
| AR60(K)-X480 | : 1 | 1/4 | 95 | 264 | 57 | 43.5 | | · · · | | 125 | | 70 | | 65.8 | | 13 | 90 | 3 2 | _ | - | - | <u> </u> |

♦ Filter Regulator/AW



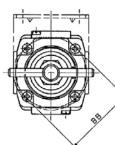


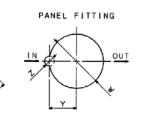


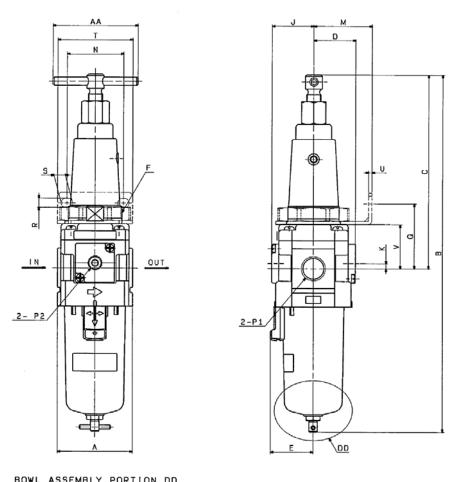
| BOWL | ASSEMBLY PORTI | ON DD | | | | | | |
|--------------------------------|----------------|---------------|---------|---------|----------|---------------|---------------|----------|
| NODEL NO | . AW30(K) | ~AW60(K) | AW20(K) | AW30(K) | ~AW60(K) | AW20(K) | AW30(K) | ~AW60(K) |
| ACCESSOR | WITH AUTO DRA | IN(N.O./N.C.) | | | | | | |
| OPTION | 6 2 | 8 | 2 | 2 | 8 | 2 J | 2 J | 8J |
| EXTERNAL APPEARANCE Draving | | | | | | 1/8 HEX.14 | 1/4 HEX.17 | CC |

| DIMENSIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|-------------|-----|------|------|------|-----|---------|------|-----|-----|----|------|----|----|------|-----|------|------|------|-------|--------|------|-----|-----------------|---------------|------------|------------------|------------------|-------------------------------------|
| | | | | | | | | | | | | | | | | OP | TION | NAL | SPEC | IFI | CATI | ONS | | | | SEMI-S | TANDARD | SPECIFI | CATIONS |
| MODEL NO. | | 5 | STAN | DARD | SPE | CIF | CATIONS | 5 | | | | | | B | RAC | KΕT | мои | NT | | P | ANEL | мот | JNT | WITH AUTO DRAIN | AND LEVEL GAD | NETAL BOWL | WITH LEVEL GAUGE | WITH DRAIN GUIDE | NITH LEVEL GAUGE AND DEATH GUIDE |
| | P1 | P2 | A | C | D | E | F | J | K | AA | BB | CC | M | N | G | R | S | T | U | V | W | Y | Z | 8 | 8 | в | B | B | в |
| AW20(K)-X480 | 1/8,1/4 | 1/8 | 3 40 | 105 | 26 | - | M28x1 | 26 | 5 | 50 | 36 | - | 30 | 34 | 44 | 5.4 | 15.4 | 1 55 | 2.3 | 3 30 | 28. | 5 14 | 6 | - | | 192 | | 199 | |
| AW30(K)-X480 | 1/4,3/8 | 1/8 | 3 53 | 137 | 29.5 | 30 | M38x1.5 | 29.5 | 3.5 | 60 | 50 | 34.5 | 41 | 40 | 46 | 6.5 | 8 | 53 | 2.3 | 3 31 | 38.5 | 5 19 | 7 | 2 | 81 | 252 | 272 | 259 | 279 |
| AW40(K)-X480 | 1/4,3/8,1/2 | 1/4 | 1 70 | 159 | 37.5 | 38 | M42x1.5 | 37.5 | 1.5 | 60 | 55 | 41 | 50 | 54 | 57.5 | 8.5 | 10.5 | 5 70 | 2.3 | 3 39 | 42.5 | 5 21 | 7 | 3 | 35 | 306 | 326 | 313 | 333 |
| AW40(K)-06-X480 | 3/4 | 1/4 | 1 75 | 161 | 37.5 | 38 | M42x1.5 | 37.5 | 1.2 | 60 | 55 | 41 | 50 | 54 | 59 | 8.5 | 10.5 | 5 70 | 2.3 | 3 40. | 5 42.5 | 21 | 7 | | 39 | 310 | 330 | 317 | 337 |
| AW60(K)-X480 | 3/4,1 | 1/4 | 1 95 | 207 | 43.5 | 38 | - | 43.5 | 3.2 | 125 | - | 41 | 70 | 66 | 66 | 11 | 13 | 90 | 3.2 | - 12 | - | - | - | | 70 | 441.5 | 461.5 | 448 | 468 |

♦ Mist Separator Regulator/AWM



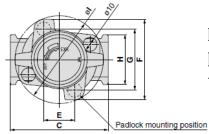




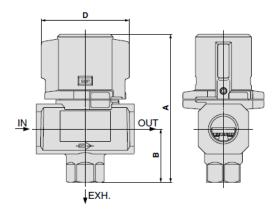
| BOWL | ASSEMBLY PORTI | ON DD | | | | | | |
|--------------------------------|------------------|---------------|-------|-------|-------|---------------|----------------------|--------|
| NODEL N | 0. AWM30 | ~AWM40 | AWM20 | AWM30 | AWM40 | AWM20 | AWM30 | ~AWM40 |
| ACCESSO | RY WITH AUTO DRA | IN(N.O./N.C.) | 2 | - | - | | | |
| OPTIO | NS 2 | 8 | 2 | 2 | 8 | 2 J | 2 J | 8J |
| EXTERNAL APPEARANCE DRAVING | | | | | | 1/8 HEX.14 | <u>1/4</u> HEX.17 | CC |

| DIMENSIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------|-----|-----|------|------|-----|---------|------|-----|----|----|------|----|----|------|-----|------|------|------|-----|-------|-----|----|----------------|-------------------------------------|------------|------------------|------------------|-------------------------------------|
| | | | | | | | | | | | | | | | | OP | TION | AL | SPEC | IFI | CATIO | ONS | | | | SEMI-ST | ANDARD | SPECIFI | CATIONS |
| MODEL NO. | | 5 | TAN | DARD | SPE | CIF | CATIONS | | | | | | | B | RAC | KET | MOUN | T | | P | ANEL | MOU | NT | VITH AUTO DRAM | WITH AUTO DORAIN AND LEVEL GAUGE | METAL BOWL | WITH LEVEL GAUGE | VITH DRAIN GUIDE | VITH LEVEL GAUGE AND DRAIN GUIDE |
| | P1 | P2 | A | C | D | E | F | J | K | AA | 88 | CC | м | N | 0 | R | S | T | U | V | W | Y | Z | 8 | B | В | 8 | 8 | В |
| AWM20-X480 | 1/8,1/4 | 1/8 | 40 | 105 | 26 | - | M28x1 | 26 | 5 | 50 | 36 | - | 30 | 34 | 44 | 5.4 | 15.4 | 55 | 2.3 | 30 | 28.5 | 14 | 6 | - | _ | 192 | _ | 199 | |
| AWM30-X480 | 1/4,3/8 | 1/8 | 53 | 137 | 29.5 | 30 | M38x1.5 | 29.5 | 3.5 | 60 | 50 | 34.5 | 41 | 40 | 46 | 6.5 | 8 | 53 | 2.3 | 31 | 38.5 | 19 | 7 | 2 | 81 | 252 | 272 | 259 | 279 |
| AWM40-X480 | 1/4,3/8,1/2 | 1/4 | 70 | 159 | 37.5 | 38 | M42x1.5 | 37.5 | 1.5 | 60 | 55 | 41 | 50 | 54 | 57.5 | 8.5 | 10.5 | 5 70 | 2.3 | 39 | 42.5 | 21 | 7 | | 35 | 306 | 326 | 313 | 333 |

♦ Pressure Relief 3 Port Valve With Locking Holes



| Model | Piping port | Α | В | С | D | E | F | G | н | - I |
|----------|---------------|-----|----|----|----|----|----|----|----|-----|
| VHS40 | 1/4, 3/8, 1/2 | 107 | 39 | 70 | 63 | 22 | 58 | 44 | 36 | 63 |
| VHS40-06 | 3/4 | 110 | 42 | 75 | 67 | 21 | 65 | 50 | 44 | 69 |
| VHS50 | 3/4, 1 | 134 | 53 | 90 | 78 | 26 | 76 | 61 | 54 | 81 |



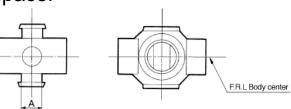
♦Spacer

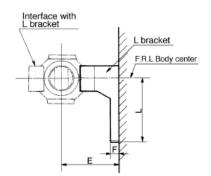
G

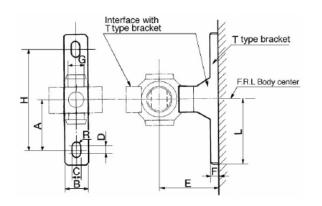
U

C B

 \triangleleft





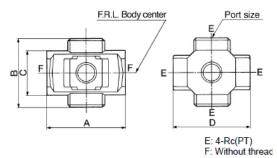


| Model | Α |
|-------|----|
| Y20 | 10 |
| Y30 | 11 |
| Y40 | 14 |
| Y50 | 14 |
| Y60 | 15 |

| Interface with L bracket | А | в | с | D | Е | F | G | R | L |
|-----------------------------|----|----|-----|---|----|----|----|------|------|
| Y20L | 24 | 15 | 5.5 | 3 | 30 | 6 | 10 | 2.75 | 33 |
| Y30L | 35 | 16 | 7 | 4 | 41 | 7 | 11 | 3.5 | 45 |
| Y40L | 40 | 22 | 9 | 4 | 50 | 7 | 14 | 4.5 | 50 |
| Y50L | 40 | 22 | 9 | 4 | 50 | 7 | 14 | 4.5 | 60 |
| Y60L | 50 | 24 | 12 | 4 | 70 | 10 | 15 | 6 | 62.5 |

| Interface with T bracket | A | В | с | D | E | F | G | н | R | L |
|--------------------------------|----|----|-----|---|----|----|----|-----|------|------|
| Y20T | 24 | 15 | 5.5 | 3 | 30 | 5 | 10 | 48 | 2.75 | 33 |
| Y30T | 35 | 16 | 7 | 4 | 41 | 7 | 11 | 70 | 3.5 | 45 |
| Y40T | 40 | 22 | 9 | 4 | 50 | 7 | 14 | 80 | 4.5 | 50 |
| Y50T | 40 | 22 | 9 | 4 | 50 | 7 | 14 | 80 | 4.5 | 50 |
| Y60T | 50 | 24 | 12 | 4 | 70 | 10 | 15 | 100 | 6 | 62.5 |

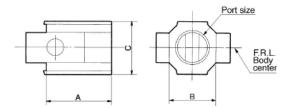
♦ Cross Spacer



| Model | Port size | Α | в | С | D |
|--------------------|------------|----|----|----|----|
| Y44-□02 Y44-□03 | 1/4 3/8 | 60 | 48 | 36 | 54 |
| Y54-⊡03 Y54-⊡04 | 3/8 1/2 | 72 | 62 | 40 | 62 |

Note 1) □ in parts number indicates thread. Use nothing for Rc(PT), N for NPT and F for G(PF).

◇Piping Adapter



| Model | Port size | Α | в | С |
|--------------------|------------|----|----|------|
| E40-⊡02 E40-⊡03 | 1/4 3/8 | 33 | 35 | 42.2 |
| E40-⊡04 E40-⊡06 | 1/2 3/4 | 50 | 35 | 42.2 |

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Note 1) □ in part number indicates thread type. Use nothing for Rc(PT), N for NPT and F for G(PF).

Salt Spray Test Results (For reference):

1. Test conditions

- 1) Method: In compliance with JIS Z 2371 (ASTM B117-07a), leave parts in a salt spray test chamber, and compare rust generation.
- 2) Conditions: Temperature: 35°C Salt water concentration: 5%
- 3) Time: 1000 hours [Frequency: 0hr, 24hrs, 48hrs, 72hrs, 96hrs, 168hrs, 240hrs, 480hrs, 720hrs, 1000hrs]
- 4) Samples: Parts for AF and AW30 (See Figure 1.)
- * Part descriptions: 4 parts (1) Body (2) Drain cock (3) Small screw for level gauge (4) Bonnet screw
- * Types: 2 types A) Standard (B) Special X480 (Coated with epoxy resin [External metal parts are made of SUS])
- * Refer to Table 1 for part materials and treatments. * Quantity; 2 peaces for each

| 2. Test results Table 1 Salt spray resistance test results | ults |
|--|------|
|--|------|

| No. | Description | | Туре | Material & Treatment | Results |
|-------------|--|---|--------------|--|--|
| | | А | Standard | Material: ADC | Rusted in 480hrs Part of coating swelled. |
| 1 | Body | в | Special X480 | Treatment: Platinum coating Material: ADC | Not rusted in 1000hrs |
| | | | | Treatment: Platinum & epoxy coating Material: ADC | Part of coating swelled. |
| 2 | Drain cock | A | Standard | Treatment: Zinc chromate | Rusted in 24hrs |
|) | | в | Special X480 | Material: SUS | Not rusted in 1000hrs |
| 3 | Cross recessed round head screw for metal | А | Standard | Material: Steel Treatment: Nickel plating | Rusted in 24hrs |
| • | bowl with level gauge | в | Special X480 | Material: SUS | Not rusted in 1000hrs |
| (4) | Self-tapping screw | А | Standard | Material: Steel Treatment: Zinc chromate | Rusted in 24hrs |
| | for AR and AW bonnet | в | Special X480 | Material: SUS | Not rusted in 1000hrs |

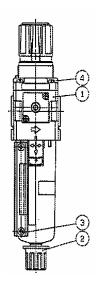


Figure 1.

| Body | | Screw | |
|----------|--------------------------|------------|----------------------|
| Standard | X480 Epoxy Resin Coating | Standard | X480 Stainless Steel |
| | | | |
| | | Drain Cock | |
| | | Standard | X480 Stainless Steel |
| | | | |

Caution To ensure the safest possible operation of this product, please be sure to read thoroughly the "Safety Instructions" in our "Best Pneumatics" catalog before use.