

## Related Products

# ADM200

## Motor Operated Auto Drain

### Reliably discharges even highly viscous drainage

Highly resistant to dust and highly viscous drainage, the valve opens and closes reliably to discharge the drainage.

### Large drain discharge capacity

Provided with a large discharge port, a large amount of drainage can be discharged in a single operation. By eliminating drainage residues from the inside of the tank and pipes, the creation of foreign matter as a result of dried rust or drainage, which could adversely affect the equipment located downstream, is prevented.

### Low power consumption: 4W

A long pipe can also be connected to the discharge port. It can be connected directly to a compressor.



### Model/Specifications

| Model                         | ADM200-□□-□                            |
|-------------------------------|--|
| Fluid                         | Air                                    |
| Max. operating pressure       | 1.0MPa                                 |
| Proof pressure                | 1.5MPa                                 |
| Ambient and fluid temperature | -5 to 60°C (No freezing)               |
| Operating cycle*              | 1 cycle in a minute (Standard)         |
| Operating time                | 2 sec./cycle (Standard)                |
| Power supply                  | 100, 200VAC <sup>50/60</sup> Hz, Other |
| Power consumption             | 4W                                     |
| Bore size                     | IN: Rc(PT) 3/8, 1/2                    |
| Weight                        | OUT: Rc(PT) 3/8<br>550g                |

\* If operating cycle is twice in a minute (operating time 2 min. X 2), operating time is 4 sec./min.



### Precautions

Be sure to read before handling. Refer to p.0-26 and 0-27 for Safety Instructions and common precautions on the products mentioned in this catalog, and refer to the text for more detailed precautions of every series.

the tank. Failure to observe this precaution could lead to malfunctions.

- ② Install this product so that its drain port faces down. Failure to observe this precaution could lead to malfunctions.



### Caution

- ① Provide a stop valve before ADM200 to facilitate maintenance and inspection.

### Maintenance



### Caution

- ① If the valve becomes clogged with debris, press the manual button to flush out the debris. Failure to observe this precaution could lead to malfunctions.

### Installation

### Warning

- ① Install this product after discharging the drainage that has already accumulated in

### How to Order

ADM200-□□-□

#### Port size

| Symbol | IN  | OUT |
|--------|-----|-----|
| 03     | 3/8 | 3/8 |
| 04     | 1/2 | 3/8 |

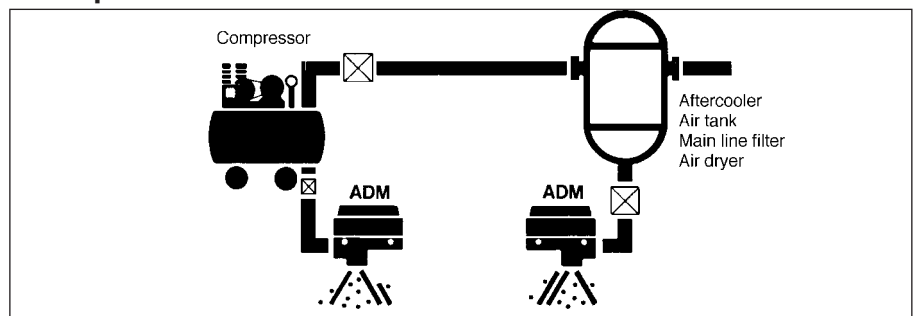
#### Voltage

|   |                            |
|---|----------------------------|
| 1 | 100VAC <sup>50/60</sup> Hz |
| 2 | 200VAC <sup>50/60</sup> Hz |
| 3 | 240VAC <sup>50/60</sup> Hz |
| 4 | 110VAC <sup>50/60</sup> Hz |
| 5 | 220VAC <sup>50/60</sup> Hz |
| 6 | 24VDC                      |
| 7 | 12VDC                      |

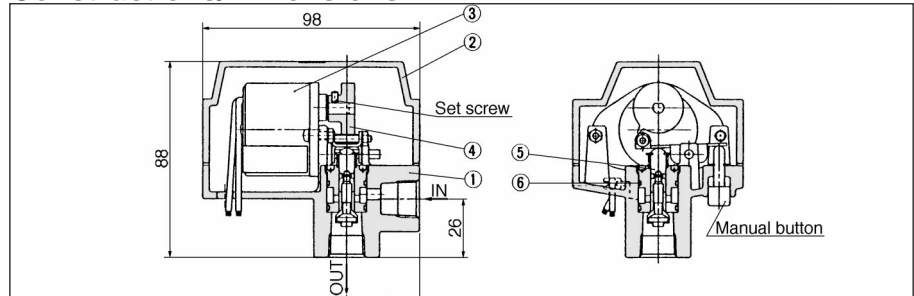
#### Operating time/Applicable compressor

|   |  |
|---|--|
| - | 2 sec./min. (1 cycle/min.) /3.7 to 37kW  |
| 4 | 4 sec./min. (2 cycle/min.) /37 to 75kW   |
| 6 | 6 sec./min. (3 cycle/min.) /75 to 110kW  |
| 8 | 8 sec./min. (4 cycle/min.) /220 to 370kW |

### Example for Installation



### Constructions/Dimensions



### Component Parts

| No. | Description | Material | Remark    |
|-----|-------------|----------|-----------|
| ①   | Body        | ADC12    | Chromated |
| ②   | Cap         | ADC12    | Chromated |

### Replacement Parts

| No.  | Description    | Material | Part No.          |
|------|----------------|----------|-------------------|
| ③(1) | Motor          | -        | 812PG -voltage    |
| ④    | Cam            | SCS13    | 201324 (Standard) |
| ⑤    | Valve assembly | C3604B   | 20137-1A          |
| ⑥    | O ring         | NBR      | S-16              |

Note 1) Part No. of motor for 100V AC: 812PG-AC100V