

Motor Operated Auto Drain ADM200 Series

Reliably discharges even highly viscous drain

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

High drain discharge capacity

- With a large discharge port, a large amount of drain can be discharged in a single operation.
- Elimination of residual drain inside the tank and pipes prevents the generation of foreign matter such as dried rust or drain, which could adversely affect the equipment located on the outlet side.

Low power consumption: 4 W

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



Model/Specifications

Model	ADM200-□□-□
Fluid	Air
Max. operating pressure	1.0 MPa
Proof pressure	1.5 MPa
Ambient and fluid temperature	-5 to 60°C (No freezing)
Operating cycle*	1 time in a minute (Standard)
Operating time	2 sec./time (Standard)
Power source	100, 200 VAC $\frac{50}{60}$ Hz, Other
Power consumption	4 W
Port size	IN: $\frac{3}{8}$, $\frac{1}{2}$
	OUT: $\frac{3}{8}$
Weight	550 g

* If the operating cycle is twice in a minute (operating time 2 sec. x 2) operating time is 4 sec. each minute.

⚠ Specific Product Precautions

Be sure to read this before handling the products.

Refer to back page 50 for Safety Instructions and pages 6 to 8 for Air Preparation Equipment Precautions.

Mounting

⚠ Warning

1. Install this product after discharging the drainage that has already accumulated in the tank. Otherwise, it could lead to malfunction.
2. Install this product, so that the drain port could face downwards. Otherwise, it could lead to malfunction.

⚠ Caution

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

Piping

⚠ Warning

Piping should be done under the following conditions in order to prevent malfunction. For drain piping, use a pipe whose I.D. is not less than $\phi 5$ and length not more than 5 m. Avoid riser piping.

Maintenance

⚠ Caution

If the valve becomes clogged with debris, press the manual button to flush out the debris. Otherwise, it could lead to malfunction.

How to Order

ADM200-□□031-□□

Thread type

Nil	Rc
N	NPT
F	G

Port size

Symbol	IN	OUT
03	$\frac{3}{8}$	$\frac{3}{8}$
04	$\frac{1}{2}$	$\frac{3}{8}$

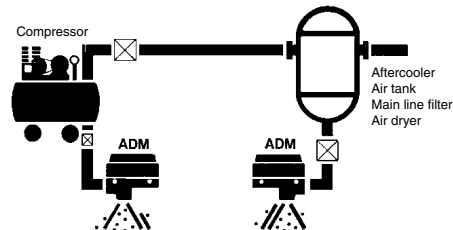
Operating time/Applicable compressor

Nil	2 sec/min (1 time/min) /3.7 to 37 kW
4	4 sec/min (2 times/min) /37 to 75 kW
6	6 sec/min (3 times/min) /75 to 110 kW
8	8 sec/min (4 times/min) /220 to 370 kW

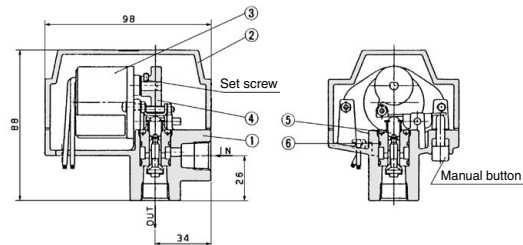
Voltage

1	100 VAC $\frac{50}{60}$ Hz
2	200 VAC $\frac{50}{60}$ Hz
3	240 VAC $\frac{50}{60}$ Hz
4	110 VAC $\frac{50}{60}$ Hz
5	220 VAC $\frac{50}{60}$ Hz
6	24 VDC
7	12 VDC

Mounting Example



Construction/Dimensions



Component Parts

No.	Description	Material	Note
1	Body	Aluminum die-casted	Chrome treated
2	Cap	Aluminum die-casted	Chrome treated

Replacement Parts

No.	Description	Material	Part no.
3	Motor	—	Voltage
			D126J45-29 (100 VAC)
			D126J45-31 (200 VAC)
			D126J45-33 (240 VAC)
			D126J45-30 (110 VAC)
			D126J45-32 (220 VAC)
4	Cam	Cast steel	812PG-DC24V (24 VDC)
			Operating time
			201324 (Nil)
			201325 (4)
5	Valve assembly	Brass, NBR	201326 (6)
			201327 (8)
6	O-ring	NBR	20137-1A
			KA01323

HAA
HAW
AT
IDF
IDU
IDF
FS
IDFA
IDFB
IDH
ID
IDG
IDK
AMG
AFF
AM
AMD
AMH
AME
AMF
ZFC
SF
SFD
LLB
AD
GD