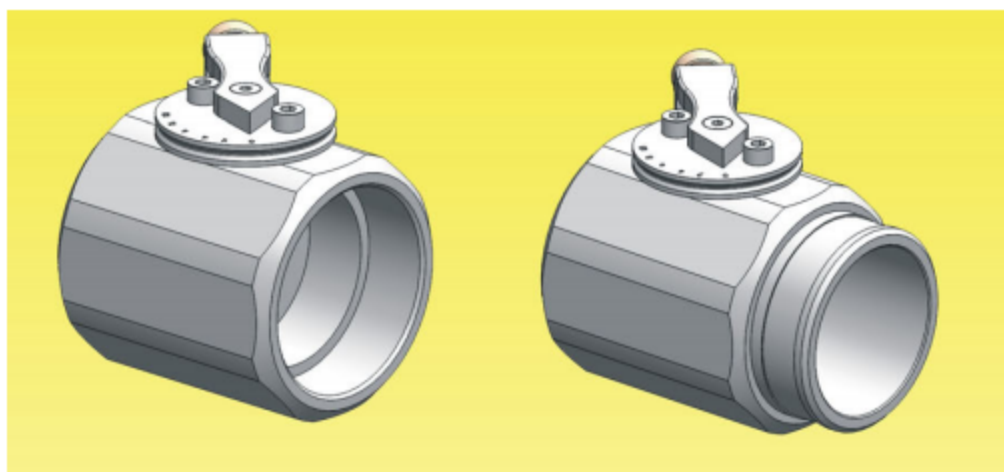




## **ALM**

### **Manual Air Valve**



Foshan NUOE Combustion Control Technology Co., Ltd.

Tel: 4000-8397-18

Web: <http://www.astechnic.net>

E-mail: [Astechnic @ 163.com](mailto:Astechnic@163.com)

## ALM Manual Air Valve

### Overview

ALM manual air valve is a control valve. ALM is one of the patent structures of our company, which can reduce clamps. It is used in air pipe and works under the condition of no more than 200C hot air. The entrance can be connected by either straight-through connection or threaded connection, the valve body parts are marked with locking screws, and the valve plates and shafts are made of stainless steel. It is adjusted manually and is generally used to adjust the combustion air of the burner.

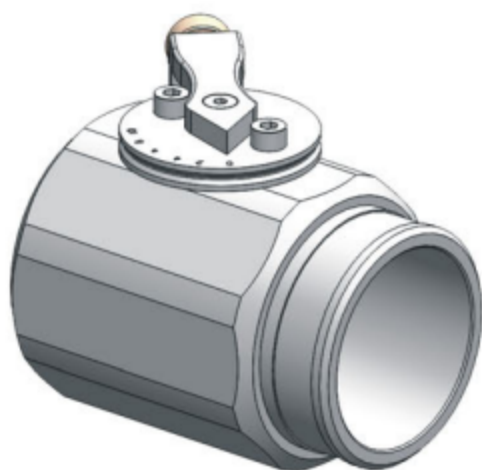


Fig. 1 ALM manual air valve single thread



Fig. 2 ALM manual air valve double thread

### Features

- The structure is simple and the maintenance is convenient.
- It has a scale and precise adjustment.
- It's durable.

### Functions and Applications

- ALM manual damper has air volume adjustment function, and the frequency of switching between large and small fire is high. The closing of the valve ensures a low leakage rate.
- The design of the ALM manual damper is based on the free flow principle. Depending on the rotational movement between 0 and 90°, a cross-section of the flowing medium is released.

Installation dimensions and specifications

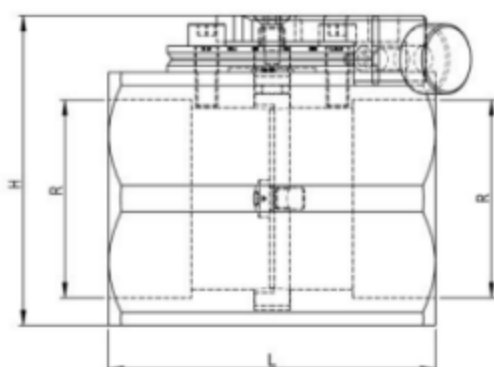


Fig. 3 Dimensional schematic diagram

Product Model	R	L	H
ALM32-W	Rp1-1/4	75	65.5
ALM40-W	Rp1-1/2	75	70.5
ALM50-W	Rp2	75	83
ALM65-W	Rp2-1/2	77	98
ALM80-W	Rp3	100	119
ALM100-W	Rp4	120	145

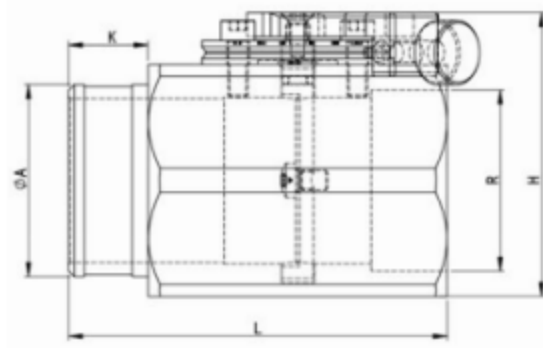


Fig. 4 Dimensional schematic diagram

Product Model	A	R	K	L	H
ALM32-D	42	Rp1-1/4	20	82	65.5
ALM40-D	48	Rp1-1/2	20	95	70.5
ALM50-D	60	Rp2	20	95	83
ALM65-D	75	Rp2-1/2	25	100	98
ALM80-D	88	Rp3	45	145	119
ALM100-D	113	Rp4	50	180	145



Order code and Model of ALM Manual Air Valve

No.	Order code	Product Name	Description
1	108040320001	ALM32-W	Manual aluminum alloy double thread air valve, DN32
2	108040400001	ALM40-W	Manual aluminum alloy double thread air valve, DN40
3	108040500001	ALM50-W	Manual aluminum alloy double thread air valve, DN50
4	108040650001	ALM65-W	Manual aluminum alloy double thread air valve, DN65
5	108040800001	ALM80-W	Manual aluminum alloy double thread air valve, DN80
6	108041000001	ALM100-W	Manual aluminum alloy double thread air valve, DN100
7	108050320001	ALM32-D	Manual aluminum alloy single thread air valve, DN32
8	108050400001	ALM40-D	Manual aluminum alloy single thread air valve, DN40
9	108050500001	ALM50-D	Manual aluminum alloy single thread air valve, DN50
10	108050650001	ALM65-D	Manual aluminum alloy single thread air valve, DN65
11	108050800001	ALM80-D	Manual aluminum alloy single thread air valve, DN80
12	108051000001	ALM100-D	Manual aluminum alloy single thread air valve, DN100