

Air Pulsation Damper

Air Pulsation Damper: It is a empty container with pressure gauge on the top. It works by the air in the damper chamber. When the air in the damper is dissolved into the liquid, the efficiency of the damper will be reduced. It is recommended to drain the liquid out of damper. The size air pulsation damper should be 26 times of each metering pump stroke capacity at least.



1. Product Introduction of Air Pulsation Damper

Air Pulsation dampers are liquid pressure vessels that is to slow down the impulse hunting of liquid medicine discharged from metering pump. There are mainly three types of pulsation dampers: Air Pulsation Damper, Diaphragm Pulsation Damper, Bladder Pulsation Damper. The pulsation caused by the metering pump can be effectively reduced up to 95% with the suitable damper size installed in the pumping system.

2. Product Parameter (Specification) of Air Pulsation Damper

Principle

1. Non moving part type: the solid medium is used to intercept the fluid directly so as to achieve the effect of buffering the pressure pulsation or flow pulsation. This kind of pulsation damper is suitable for pulsation application.

Uses: eliminate pipeline vibration; reduce pressure pulsation; reduce flow floating; protect downstream instruments and equipment; installed in the front end of the pump, increase the volume efficiency of the pump and increase the output power.

Pulse elimination rate:

According to the different practical application of customers, the pulse elimination rate can be over 99.9%, that is, the residual pulse can be controlled within 0.1%. For example, it is recommended to control the residual pressure pulsation within 3% for eliminating pipeline vibration and within 0.75% for ensuring the accuracy of vortex flowmeter.

Air Pulsation Damper Specifications

Model No.	Capacit	Rated	Caliber	Material	Connection mode
BKAPD-0.6L	0.6	1.6mPA	DN15	UPVC	union
BKAPD-0.9L	0.9	1.6mPA	DN20	UPVC	
BKAPD-1.2L	1.2	1.6mPA	DN25	UPVC	
BKAPD-2.2L	2.2	1.6mPA	DN32	UPVC	
BKAPD-3.2L	3.2	1.6mPA	DN40	UPVC	
BKAPD-5L	5	1.6mPA	DN40	UPVC	
BKAPD-	10	1.6mPA	DN50	UPVC	

Application limit:

Air Pulsation damper is a kind of pressure vessel. Due to the limitation of material, manufacturing technology and practical application, pulsation damper generally bears a pressure of about 500kg / cm² (it can be higher for special application), and its temperature resistance is about 60 °C.

3.Deliver,Shipping And Serving of Air Pulsation Damper



4. FAQ

Q: Are you a trading company or a manufacture factory?

A: We are a manufacture factory

Q: Can your factory customize the products for clients ?

A: Yes, we can. We have a senior designer, can help customers make CAD drawings, according to your exactly usage.

Q: How about after-sales service ?

A: 1 year free warranty, Lifetime technical service support.

Q: What's the guarantee, in case the products breaks down?

A: Within the guarantee period stipulated in the contract. If it breaks down, generally speaking, our technician will figure out what the problem may be, according to client s feedback. Parts will be replaced for free if the problems are caused by quality fault.

Q: How can I install the production and get a commissioning ?

A: We may send our engineer for installation and commissioning, but relevant cost will be paid by you.

Q: What is your payment terms ?

A: Normally, 30% as the deposit first by T/T, the rest 70% will be paid before shipping by T/T.

Q: Do You Arrange Shipment For The Machines?

A: Yes, dear esteemed customers, for FOB or CIF price, we will arrange shipment for you. For EXW price, clients need to arrange shipment by themselves or their agents.

Q: which shipping way is available ?

A: 1 . by sea to your nearest port 2 by air to your nearest airport 3 by express dhl . ups fedex . tnt . ems . etc . to your door We will provide tracking number asap after the goods shipping out.

Q: How about the documents after shipment?

A: After shipment, we ll send all original documents to you by DHL, including Packing List, Commercial Invoice, B/L, and other certificates as required by clients.

Q: How long is the delivery time?

A: Depending on the quantity of the order, if the product is in stock. It will reach port in less than 3 days .