

# TECHNICAL BULLETIN

## Advantages of Flap Damper vs Dome Valve

### ❖ Less Maintenance

**Flap Damper:** The process of damper plate passes through U-ring packing to compress T-ring packing do not produce any friction at all.

**Dome Valve:** A gap of 0.5~1.2mm is needed to be maintained between the spherical valve and rubber

**Seal Ring:** The purpose is to avoid friction. It is because if the dust coating on spherical valve surface, it will lead to seal ring leakage.

### ❖ Easy Machining

**Flap Damper:** The machining process of flap damper is simpler.

The process only require interface of U-ring packing to be put on damper plate and T-ring packing.

Therefore, it does not need to have special machining.



**Flap Damper**

**Dome Valve:** The machining process is more sophisticated.

The process of making spherical valve need to involve precise machining and surface treatment.



**Charging Dome Valve**

**For further information about our products and spare parts, please do not hesitate to contact our technical team or sales representative.**

