

## Product Introduction:

Magnetic filters are composed of strong magnetic materials and a barrier filter screen. They have ten times the adhesive force of general magnetic materials and are capable of adsorbing micrometer-sized ferromagnetic pollutants in an instant liquid flow impact or high flow rate state. When ferromagnetic impurities in the hydraulic medium pass through the gap between the iron rings, they are adsorbed onto the iron rings, thereby achieving the filtering effect.



## Product Features:

1. Large circulation capacity, low resistance;
2. Large filtering area, small pressure loss, easy to clean;
3. Material selection of high-quality carbon steel, stainless steel;
4. When the medium contains corrosive substances, corrosion-resistant materials can be selected;

5. Optional quick-open blind device, differential pressure gauge, safety valve, sewage valve and other configurations;

### **Application Industry:**

1. Mining and Ore Processing: Magnetic filters can be used to remove iron ore and other magnetic impurities from ores to improve the quality and purity of the ore.

2. Food processing industry: In food production, magnetic filters can be used to remove metallic foreign objects from food products to ensure food safety and product quality.

3. Pharmaceutical and biotechnology: Magnetic filters are used in pharmaceutical and biotechnology fields to separate and extract target compounds, proteins, cells and viruses, etc., with high efficiency, non-destructive and controllable characteristics.

4. Water treatment and environmental protection: magnetic filters can be used to remove suspended rust, particles and other solid impurities in water, purify water quality, and play an important role in environmental protection and water resource management.

5. Plastic and rubber industry: magnetic filter can be used to remove metal pollutants in plastic and rubber manufacturing, improve product quality and production efficiency.

6. Natural gas, city gas, mine gas, liquefied petroleum gas, air, etc.