

Refrigerant Molecular Sieve

Refrigerant is mainly a chloride or fluoride containing hydrocarbon in refrigerating plants. During refrigerant diffusion process, some residual moisture out of the refrigerant forms ice in the expansion valve and causes a blockage in the system, meanwhile, hydrolyzes refrigerant into some corrosive gas such as fluoride hydrogen and hydrochloride etc.

XH refrigerant desiccants effectively remove moisture and other contaminants from refrigerant, thus avoiding ice formation and protecting the system from blockage and corrosion. With higher crush strength and lower attrition, they are playing an important role in minimizing the refrigerant dew point and widely used in different kinds of refrigerating plants.

Refrigerant molecular sieve is designed and manufactured for the drying of refrigerants in closed circuit refrigerator, air conditioner.

Molecular sieve adsorbs water and acidic decomposition products of refrigerants. It can prevent decomposition of refrigerants due to the active group existing in refrigerants to protect the cooling system not to be crammed. With high strength and attrition resistance, molecular sieve can stand in good state in the copper tube of refrigerators, air conditioner and plays an important role in minimizing refrigerant dew point and widely used in different kinds of refrigerants

Recommended Application:

Property	Unit	JLAB-5	JLRD-7	JLRD-9	JLRD-11
Diameter	mm	1.6-2.5	1.6-2.5	1.6-2.5	1.6-2.5
Bulk Density	g/ml	≥0.75	≥0.85	≥0.85	≥0.85
Static H ₂ O Adsorption	wt%		≥16	≥15	≥12
Crush Strength	N	≥60	≥65	≥65	≥60
Dry Attrition	wt%	≤0.5	≤0.5	≤0.5	≤1.00
Hydrated Attrition	wt%		≤2.00	≤2.00	

Packing:

- 25 kg carton, and each carton has inner PE bag.
- 55 gallon air-tight iron drum, and each drum has inner PE bag.
- Other packing according to your requirement.

Storage:

Store in tightly closed packaging in cool dry conditions.
Prevention against water, acid and alkalis.

