

LUZAR AEROTHERMY CONCENTRATE

Thermal fluid for aérothermal heat pumps systems

APPLICATIONS

Luzar Aerothermy protects the circuit of the heat pump from:

- Freezing, see table of mixture.
- Sludge that can restrict the flow.
- Corrosion of metals.
- Deposits.

Luzar Aerothermy effectively protects copper, brass, black steel, stainless steel and cast iron without pollutant components, it is environmentally compatible and it is not subject to discharge restrictions.

Some of its advantages over conventional products:

- ✓ Dilution up to 5% guaranteeing its properties.
- ✓ Additives do not exhaust when actuate, long service life.
- ✓ It incorporates a biocide to avoid sludge of biological origin.
- ✓ Active when the circuit is not operating.
- ✓ Formulated without heavy metals, amine, phosphates, borates, nitrite or nitrate.
- ✓ Biodegradable.
- ✓ Fluorescent dye which helps in detecting leaks.

Filling the installation:

Before filling the installation, it should be flushed with water to remove traces of flux.

The product is presented as a concentrate, dilute as needed according to the following table.

% Volume Luzar Aerothermy Concentrate	Freezing Point (°C)
30	-12
25	-9
20	-7
15	-5
10	-3
5	-1

Mixture water must be potable quality and have less than 100 ppm of chloride content and 50 ppm of sulfate content.

Leaks of product should only be replaced with Luzar Aerothermy Concentrate or its mixtures with water.

STORAGE

Store in their original containers, tightly sealed and without damage. Keep in a dry and well-ventilated place. Protect from direct sunlight and freezing. In these conditions the product is stable for 18 months from the date of manufacture.

PRESENTATION

The product is supplied in 20 and 1000 kg containers. Other volumes are available upon request.

PRECAUTIONS

The product is not classified as dangerous or irritating according to the current legislation. No special handling precautions are necessary. In agreement with the good industrial practices, it is recommended to avoid contact of the product with eyes and skin. Don't smoke during handling the product. Wash your hands and forearm before eating or drinking after handling the product.