

ANTIFREEZE FLUIDS FOR HEATING AND COOLING SYSTEMS

CONVECTheat

Heat transfer anticorrosion fluid of a low freezing point, based on glycerine and monoethylene glycol, **for heating and cooling systems, incl. primary circuits of heat pumps**. It contains multifunction corrosion inhibitor; sufficient anticorrosion protection is ensured up to 1:3 dilution ratio.

Freezing points of most common aqueous solutions:

1 : 1	min. -38 °C
1 : 1.5	min. -23 °C
1 : 2	min. -19 °C
1 : 2.25	min. -15 °C
1 : 3	min. -13 °C

APPLICATION

Fill a sealed heating/cooling circuit with anti-freeze fluid. Use special filling pumps and manual pumps (see Accessories). To fill the primary circuit of a heat pump, you can use a filling kit that can be ordered as an accessory to a heat pump. Once in every 2 years check the freezing point using a refractometer (frost protection measurer). For heat pumps, keep checking regularly the temperature difference between the heat pump return and flow, it should not be too high (max. 7°C).

ACCESSORIES FOR ANTIFREEZE HANDLING



Electric filling and top-up pump, featuring reliable low-noise piston pump that is easy to use.



Filling manifold for primary circuits with two-way valves, filter, fill/drain valves and insulation, intended for filling, flushing and air discharging.



Filling push cart with a powerful pump designed for professional filling and air venting of sealed systems like solar thermal systems, floor and wall heating circuits.



402 ATC Refractometer for freezing point measurement of antifreeze fluids.



TECHNICAL DATA

STATE	liquid
COLOUR	green
ODOUR	weak
pH (at 30%)	> 7.2
DILUTION	1:1 – 1:3

PACKAGING

Plastic container, 5l	Code - 11430
Plastic container, 25l	Code - 10769
Barrel, 200l	Code - 11493