


- 1 Only backup heater operation if the setpoint is < 24°C
- 2 Heatpump operation (assisted by backup heater if capacity shortage)
- 3 Heatpump + backup heater operation

 Protect against freezing by adding anti-freeze to brine side (see remark)

Remark:

By default settings, the unit will allow operation with the entering brine temperatures down to -5°C. As a result, the brine freezing temperature may not be higher than -15°C! For water - ethanol mixtures this corresponds to 29% ethanol (by mass), for water - propylene glycol mixtures this corresponds to 40% propylene glycol (by volume). If the freezing temperature of the medium is higher than -15°C, then protection level of the unit must be increased by field setting. Refer to the installation manual for instructions on how to set a different freeze temperature of the medium (Tf) in the controller. The unit will not operate at an entering brine temperature lower then Tf+10K