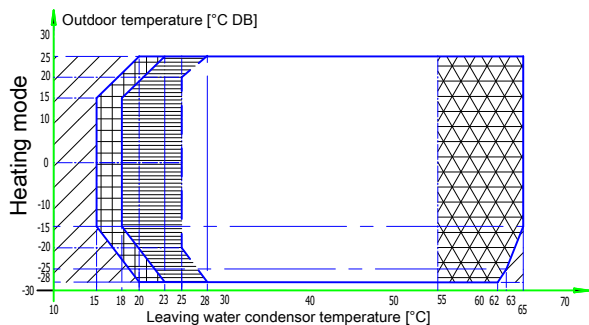
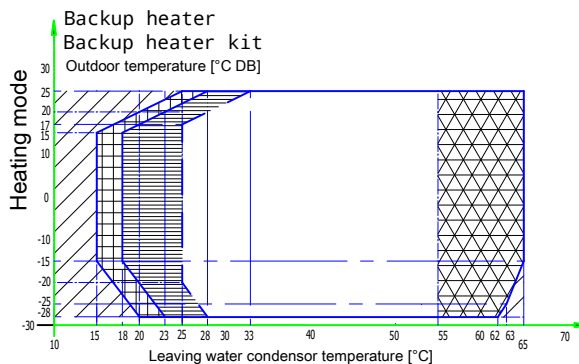


ETSH12E/ETSHB12E

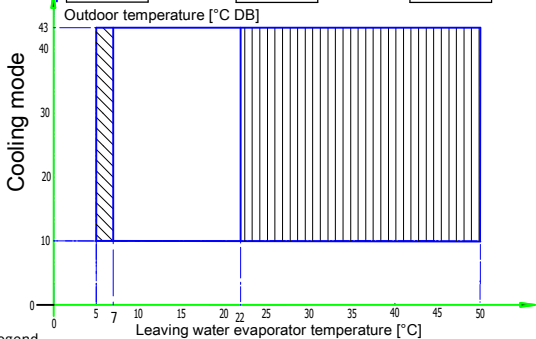
ETSX12E/ETSB12E **ETV*E*** + **ETB*E***



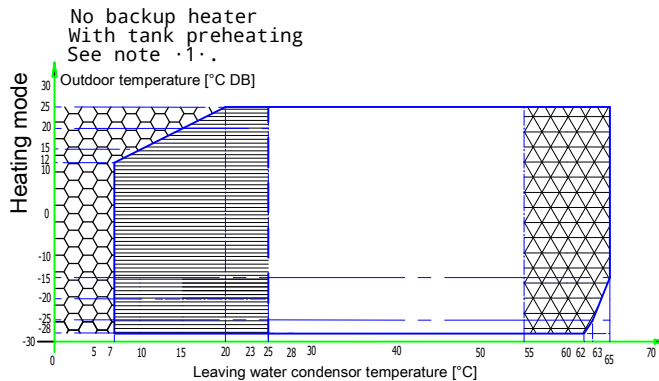
ETS*E*



ETV*E* + **ETB*E*** + **ETS*E***



ETS*E*



Legend

- Backup heater only operation
No outdoor unit operation
- Heat pump + backup heater operation
Pull-up area
- Outdoor unit operation if controller setpoint is regulated to minimal leaving water temperature request.
See dashed lines
- Circulation pump operation only
- Outdoor unit operation if setpoint > 55°C and $\Delta T = -10^\circ\text{C}$ ($\Delta T = \text{outlet temperature} - \text{inlet temperature}$)
- Pull-down area
- In case valve kit 'AFVALVE1' is part of the system, then the minimum setpoint is -7°C .

Notes

1. Tank preheating
For details, see the installer reference guide.
2. If negative ambient temperatures are expected, both in operation or at standstill, take adequate countermeasures against freezing.
For more information, refer to the installation manual.
3. In restricted power supply mode, the outdoor unit and backup heater can only operate separately.