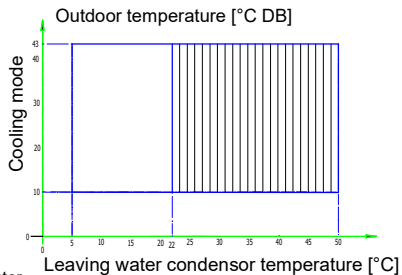
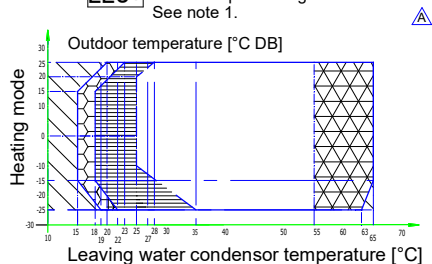


ELSH-E
 ELSHB-E
 ELSX-E
 ELSXB-E

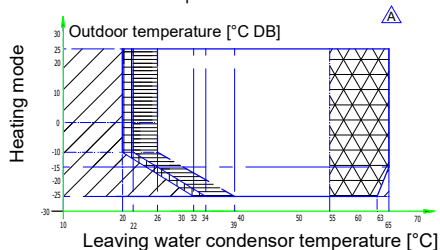
ELV* + **ELB*** + **ELS***



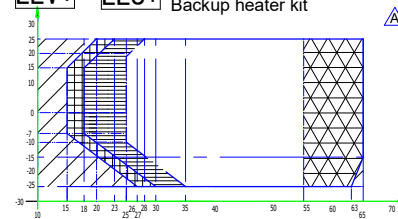
ELS*
 No backup heater
 With tank preheating
 See note 1.



ELB* Backup heater
 Backup heater kit



ELV* + **ELS*** Backup heater
 Backup heater kit



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

Outdoor unit operation if setpoint >55°C and $\Delta T = 10^\circ C$ ($\Delta T = \text{outlet temperature} - \text{inlet temperature}$)

Pull-down area

Auxiliary boiler only operation
 No outdoor unit operation

Heat pump + auxiliary boiler operation
 Pull-up area

Notes

1. Tank preheating

For details, see the installer reference guide.

2. In restricted power supply mode, the outdoor unit and backup heater can only operate separately.