

Commissioning Protocol: heat pumps

Product Registration

*Required fields

Installer name* _____

Commissioning date* _____

Installer customer number* _____

Installer details

Name, Postcode, City _____

Location*:

Name* _____

Additional* _____

Street number + Street* _____

State, Postcode,* City* _____

Product dates*

	Identity number	Description	Manufacture number	Plant number	Purchase date	Installation date	Horizontal
A	_____	_____	_____	_____	_____	_____	<input type="checkbox"/>
B	_____	_____	_____	_____	_____	_____	<input type="checkbox"/>
C	_____	_____	_____	_____	_____	_____	<input type="checkbox"/>
D	_____	_____	_____	_____	_____	_____	<input type="checkbox"/>
E	_____	_____	_____	_____	_____	_____	<input type="checkbox"/>
F	_____	_____	_____	_____	_____	_____	<input type="checkbox"/>

Property

New building ☐

Renovation ☐

Sticker Barcode

Please attach all barcode-sticker (S) from this project below.
You will find the barcode- stickers in the accessory pack of any device.



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Commissioning Data Operating hours _____

Visual inspection of the water-side device connections ☐

Cold water/Hot water/Hydraulic/Solar/ bleeders installed and tight

Installation location

Outdoor temp. ☐ °C Acoustic decoupling ☐ Screed decoupling ☐ Min. distances in order ☐

Cold water connection boiler safety group

Safety valve ☐ MPa _____ SV not lockable ☐ Drip line free flow ☐
Non return valve ☐ Scald protection (Solar) ☐

Expansion vessel for cold water Size ☐ litre Initial Pressure ☐ MPa

DHW ☐

External product _____

Coils Surface _____

Hydraulic connection of the heat pump

With buffer tank ☐ Buffer tank volume ☐ litre model ☐

Cooling Mode Passive ☐ Active ☐

Suitability of the components/insulation ☐ Sensor position i.o. ☐ Remote controller position i.o. ☐

Activation heating circuits i.o. ☐ Summer mode activated ☐

Mode of operation

Monovalent ☐ Bivalent heat source:
Bivalent ☐ Parallel ☐ Bivalent point heating _____ °C
Part Parallel ☐ Bivalent point DHW _____
Alternative ☐

Heat distribution system

<input type="checkbox"/> Underfloor heating	Design flow temperature _____ °C	Softening station available <input type="checkbox"/>
<input type="checkbox"/> Convectors	Design return temperature _____ °C	Filled with soft water <input type="checkbox"/>
<input type="checkbox"/> Panel radiators	Response pressure SV heating _____ MPa	_____ ° dH
<input type="checkbox"/> Radiators	Initial pressure expansion vessel _____ MPa	(observance VDI 2035)
<input type="checkbox"/> Wall heating	Operating pressure _____ MPa	

Heating system components

	Model	Type	Constant volume flow	Electronically decoupled	Settings
Circulating pump source			<input type="checkbox"/>	<input type="checkbox"/>	
Circulating pump heating			<input type="checkbox"/>	<input type="checkbox"/>	
Circulating pump heat pump / heat exchanger			<input type="checkbox"/>	<input type="checkbox"/>	
Circulating pump heat exchanger / DHW			<input type="checkbox"/>	<input type="checkbox"/>	
Circulating pump heat pump / buffer tank			<input type="checkbox"/>	<input type="checkbox"/>	
Circulating pump hot water-Circulation			<input type="checkbox"/>	<input type="checkbox"/>	
Circulating pump heat pump / DHW tank			<input type="checkbox"/>	<input type="checkbox"/>	
Mixing valve 1					
Mixing valve 2					
Actuator of the mixing valve					

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Operating hours _____

Heat Source

Air ☐ Outside air ☐ ExhaustWater ☐ Heat exchanger Comment _____Soil ☐ Geothermal probe

Numbers _____ m

DN of the pipes _____ mm

Deepness of the drilling _____ m²Manifold ☐Connection via Tichelmann ☐

Drilling company: _____

☐ Earth collectors

Pipe length _____ m

DN of the pipe _____ mm

Area _____ m²

Distance between the pipes _____ m

Manifold ☐Connection via Tichelmann ☐☐ Heat transfer fluid

Type _____

Concentration _____

Frost resistance limit _____

Others

☐ Expansion vessel

Size _____ litre

☐ Lockable

Initial pressure _____ MPa

☐ Installed on suction side

System pressure _____ MPa

Electronic wiring

Fuse protection compressor C _____ Ampere

Fuse protection compressor C _____ Ampere

STB for mixed heating circuits installed ☐

STB for mixed heating circuits installed _____ Ampere

Activation power off contact ☐Activation power off contact ☐

Function check

☐ DHC☐ Relatestest☐ System hydraulic☐ Non return valve☐ Defrosting☐ Condensate drain (20Liter)☐ Cascade 2. Heat source☐ Cooling☐ Solar

Measured valves (after 10-min operation oot the heat pump)

Inlet Brine / Water / Air _____ °C

Flow heat pump _____ °C

Outlet Brine / Water / Air _____ °C

Return heat pump _____ °C

Customer trained ☐

Comments _____

Device is connected and tested in accordance with the valid recognised rules of technology (VDE 0100, 0701-0702, DIN EN 12828, 14336 VDI 2035) and the STIEBEL ELTRON planning suggestions.

Location _____ Customer Signature _____

Date _____ Installer Signature _____