

Questionnaire for Compact Heating Substations



1. Customer information

Contact	
Company	
E-mail/Telephone/fax	
Technological/ hydraulic diagram (must enclose)	Yes: <input type="checkbox"/>

2. Operating conditions

1. Total capacity	kW		
2. Operating pressure	bar		
3. Pressure drop (primary side)	bar		
4. Outdoor design temperature	°C		
5. Primary temperature regime – winter	°C	Supply: <input type="checkbox"/>	Return: <input type="checkbox"/>
6. Primary temperature regime – summer	°C	Supply: <input type="checkbox"/>	Return: <input type="checkbox"/>
7. Ultrasonic heat meter		Yes: <input type="checkbox"/>	Fitting piece: <input type="checkbox"/>
8. Power supply of the heat meter		220 V AC: <input type="checkbox"/>	Battery: <input type="checkbox"/>

3. Heating

		Yes: <input type="checkbox"/>	No: <input type="checkbox"/>
1. Heating capacity	kW		
2. Secondary temperature regime	°C	Supply: <input type="checkbox"/>	Return: <input type="checkbox"/>
3. Heat exchanger (if existing)	type	Brazed: <input type="checkbox"/>	Bolted: <input type="checkbox"/>
4. Pressure drop of HE (if required)	kPa	Hot side: <input type="checkbox"/>	Cold side: <input type="checkbox"/>
5. Pressure drop in the heating system (secondary side)	bar		
6. Required pump head	m		
7. Static head of the heating system	m		
8. Control valve	type	PICV: <input type="checkbox"/>	Two-port: <input type="checkbox"/> Three-port: <input type="checkbox"/>
9. Power supply of the valve actuator (Nominal voltage)		230 V AC: <input type="checkbox"/>	24 V AC: <input type="checkbox"/>
10. Control valve actuator (control signal)		Three-point: <input type="checkbox"/>	0 – 10 V DC: <input type="checkbox"/>
11. Circulation pump (speed control)		Variable: <input type="checkbox"/>	3 speed: <input type="checkbox"/>

4. Filling loop (if required as part of CHS)

		Yes: <input type="checkbox"/>	No: <input type="checkbox"/>
1. Water meter for refilling		Yes: <input type="checkbox"/>	Fitting piece: <input type="checkbox"/>
2. Water meter for refilling	type	Turbine: <input type="checkbox"/>	Ultrasonic: <input type="checkbox"/>
3. Solenoid valve		Yes: <input type="checkbox"/>	No: <input type="checkbox"/>

5. Pressure maintenance (if required as part of CHS)

		Yes: <input type="checkbox"/>	No: <input type="checkbox"/>
1. Diaphragm expansion vessel		Yes: <input type="checkbox"/>	No: <input type="checkbox"/>
2. Pressure maintenance station		Yes: <input type="checkbox"/>	No: <input type="checkbox"/>
3. Another type according to the technical diagram		Yes: <input type="checkbox"/>	No: <input type="checkbox"/>

6. Additional information

1. Orientation of connections (left or right)		Primary side: <input type="checkbox"/>	Secondary side: <input type="checkbox"/>
2. Available dimension space (WxHxD) (mm)	mm	W x H x D: <input type="checkbox"/>	
3. Note: Special requirements for the microprocessor controller: functions, software, communication and electrical cabinet, etc			