barnova
INNOVATIVE DRUCKKOMPETENZ

Required data for the design of a

☐ **Pressure maintenance system** ☐ **Degassing station** ☐ **Expansion vessel** ☐ **Sludge/air seperation**

Project: _____

Date: _____ **Return til:** _____

Power Heat/Cold generator (WE): (Quantity)

Heating boiler ____
Heat exchanger ____
CHP ____

	WE 1	WE 2	WE 3	WE 4
Capacity kW				
Volume WE				

Temperatures:

Flow temperature ____ °C
Return temperature ____ °C
Safety temperature limiter/-monitor ____ °C
Antifreeze ____ %

At cold:

Min. ambient temperature: ____ °C
Max. ambient temperature: ____ °C

Pressure ratios:

Static height of the system ____ bar ü
Response pressure of safety valve ____ bar ü
Roof center ◯ yes ◯ no

Volumes:

Volume of system **(if known)** _____ Liter (Always indicate when cold!)

Volume of system with approximate values:

Heat consumers	**Proportionate in %**	**Proportionate in kW**
Radiators		
Panal radiators		
Convectors		
Ventilation		
Underfloor heating		

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