speicherpraxis

Information about projects with the HAASE hot water tank

The project

This system was designed to accumulate wasted heat for re-use. Daily close to 450,000l of hot water are commercially used as well as heating support for the floor heating system.

Our tank has been designed to enable the use and storage of surplus heat from various heat sources. The key is our stratification device which ensures that the highest temperature is accumulated in the top of our tank. The surplus energy is then removed from this hottest location and supplies hot water for processing as well as supporting the floor heating system.

Surplus heat is accumulated from the following devices:

- 4,000 kW boiler (gas)
- 2 air compressors (waste heat 65 °C)
- Temperated wastewater separate system which accumulates the hot waste water. The hot waste water is then used to pre-heat the incoming cold via a cross flow heat exchanager

Recovered heat calculation estimate:

450,000 l day from 10 to 55 Deg C = 23,500 kWh

Heating support for floor heating = 1,500 kWh

Recovered heat total
= 25,000 kWh

25,000 kWh / day heat recovery system: commercial use of hot water

Our 79,000 l tank is 6.8 m high and covers two floors

HAASE TANK GMBH

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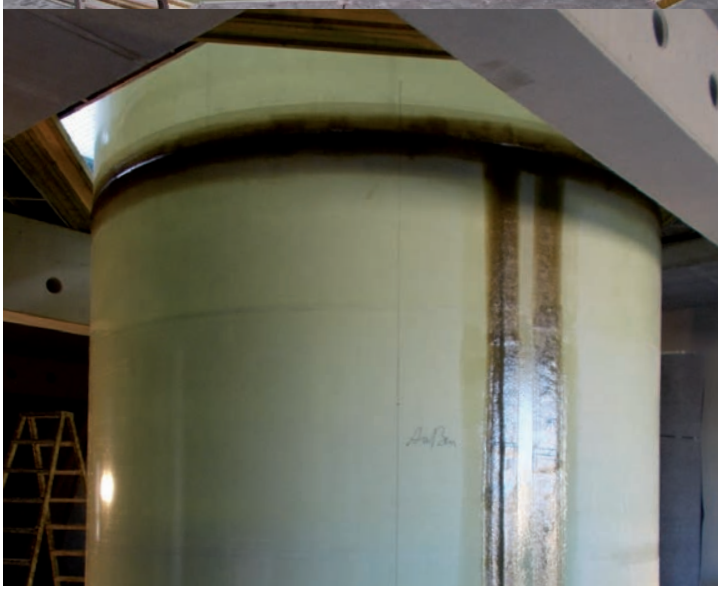
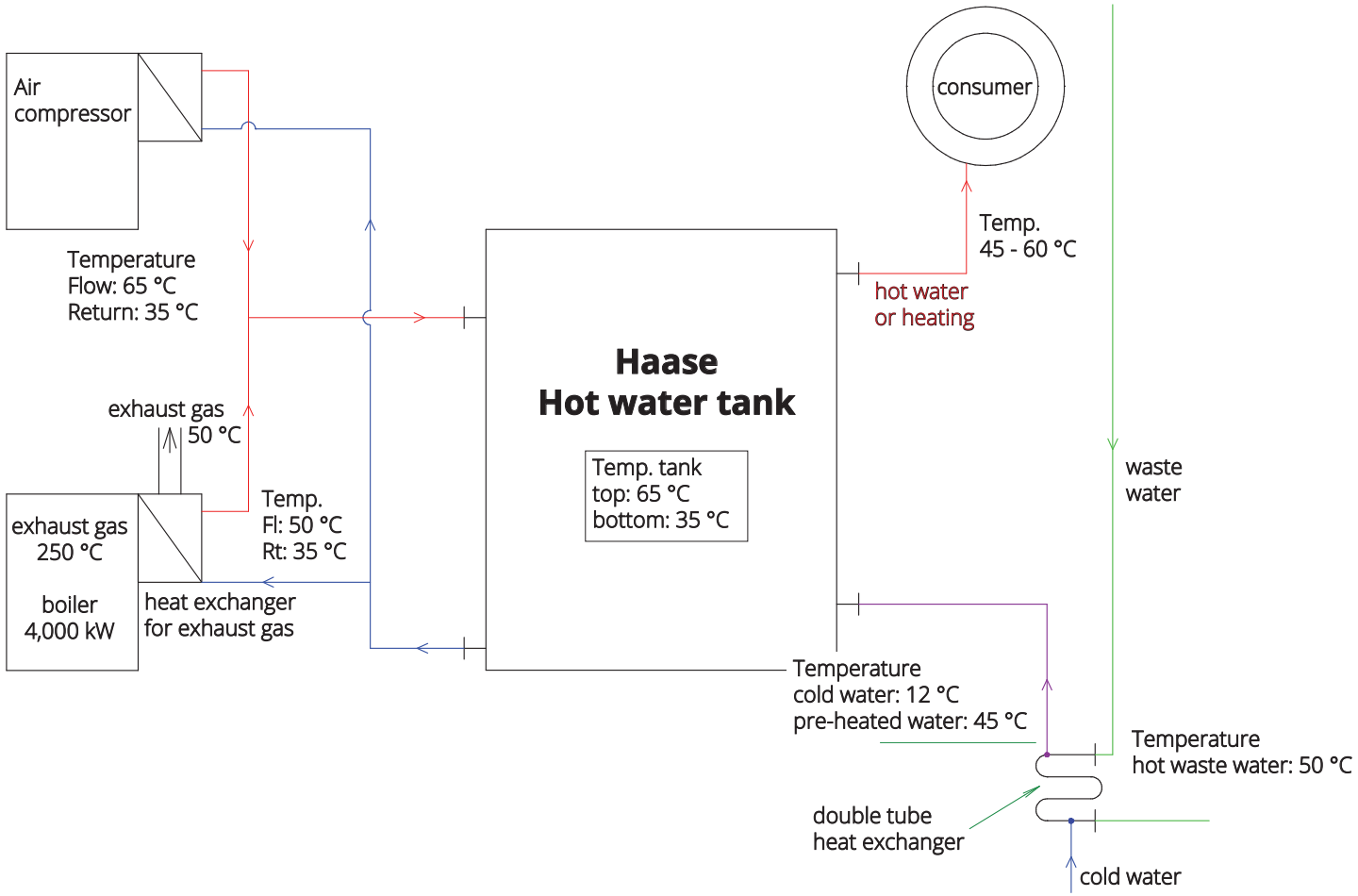
Telephone: +49 (0) 3 59 52/3 55-0
info@haasetank.de
www.haasetank.de

speicherpraxis

Information about projects with the HAASE hot water tank





HAASE						Maßstab: -	Gewicht:
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					Datum	Name	Prinzipskizze
				Bearb.	01.02.2017	Thomas	
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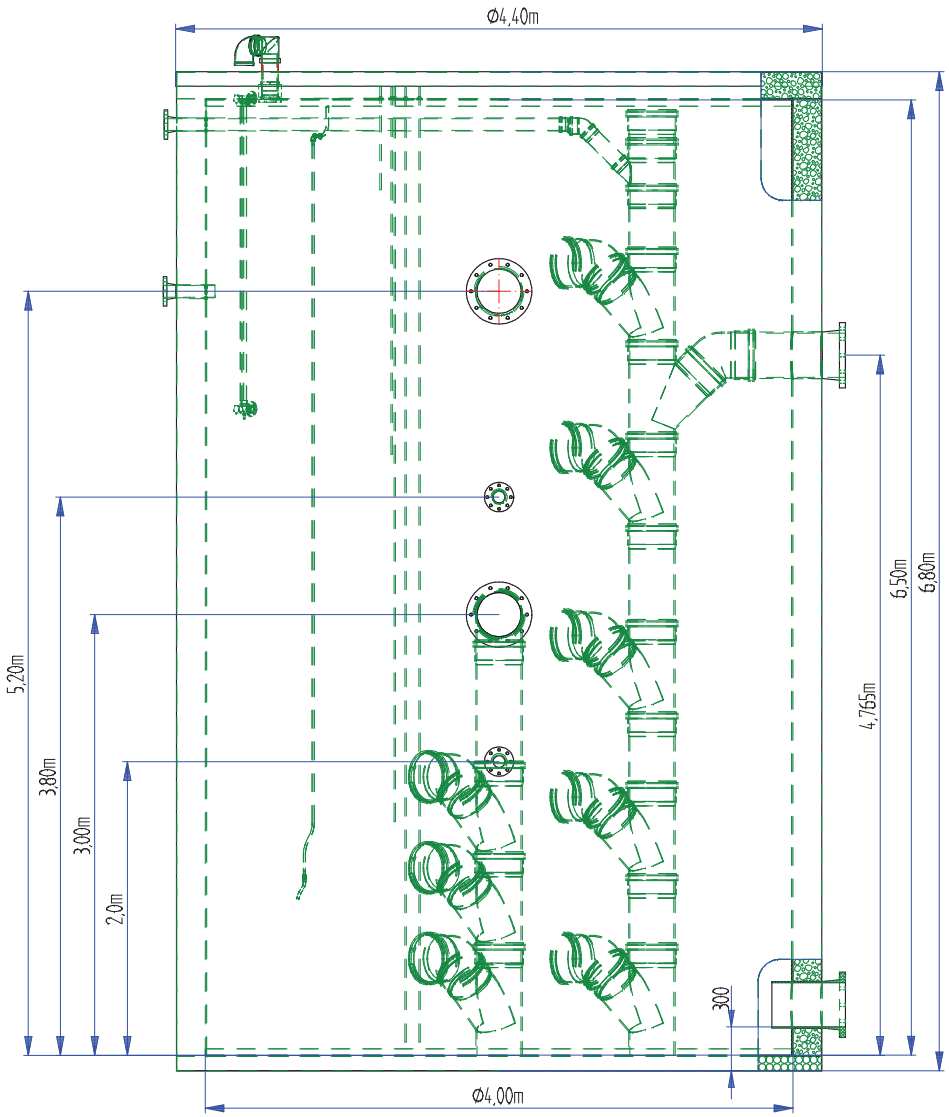
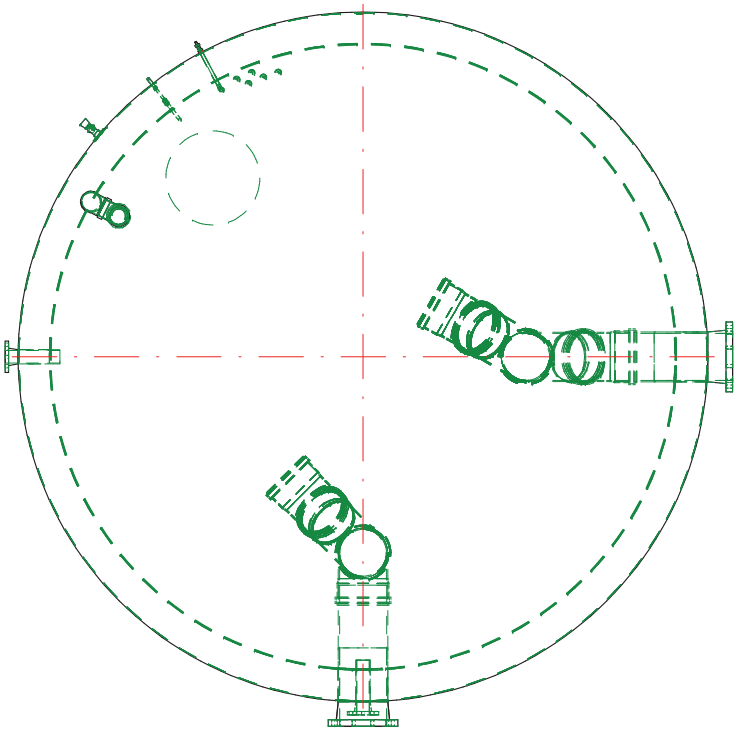
				Haase GFK-Technik GmbH Adolphstraße 82 D 01900 Großröhrsdorf Tel. +49 (0)3 59 52/35 50 Fax. +49 (0)3 59 52/3 55 33 www.haasetank.de		-	Blatt 1 Bl.
Zust.	Änderung	Datum	Name	Urspr.		Ers. f.:	Ers. d.:

technische Änderungen sowie Irrtümer vorbehalten / subject to technical changes and mistakes





Medium: Wasser
Inhalt: 79.000l

HAASE				ICH BIN ZWEI TANKS			Maßstab: –	Gewicht: –
					Datum	Name		
				Bearb.	15.02.2017	Thomas	Fertigungszeichnung T 640-790	
				Gepr.				
				Norm				
				DIN				
				Haase GFK-Technik GmbH Adolphstraße 82 D 01900 Großröhrsdorf Tel.:+49 (0)3 59 52/35 50 Fax.:+49 (0)3 59 52/3 55 33 www.ichbin2.de			–	Blatt 1 Bl.
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