



Design data							
Boiler model - TT200							
Boiler type - STEAM / WET BACK							
Design EN 12953							
Description	Unit	Value					
Steam capacity (nominal load)	tn / h	5,0					
Steam outlet temperature	°C	+175					
Feed water temperature	°C	+104					
Design pressure	bar	8,3					
Max. working pressure	bar	8,0					
Hydro test pressure	bar	12,8					
Trip pressure safety valve	bar	8,0					
Boiler weight	kg	12708					
Volume of water	m³	11,6					
Connection table							
Designation	Application	Amount	Diameter (DN), mm	Pressure (PN), bar	Flanges		
a	Flue gas exhaust	1	500	0,1	ISO 7005-12011		
b	Feed water inlet	1	40	16	ISO 7005-12011		
c	Steam outlet	1	125	16	ISO 7005-12011		
d	Safety valve	2	40	16	ISO 7005-12011		
e	Desalting control valve	1	20	16	ISO 7005-12011		
f	Water drain	1	40	16	ISO 7005-12011		
g	Sight hole	1	335x435	-	-		
h	Sight hole	2	230x330	-	-		
i	Gas analyzer	1	G1/2-B	-	-		
k	Condensate drain	2	G1-B	-	-		
o	Water level indicator	4	20	16	ISO 7005-12011		
l	Level limiter min	2	G3/4-B	-	-		
w	Level limiter max	1	G3/4-B	-	-		
p	Level transducer	1	G3/4-B	-	-		
m	Conductivity transducer	1	G1-B	-	-		
q	Flue gas temperature sensor	1	G1/2-B	-	-		
r	Pressure gauge	1	G1/2-B	-	-		
s	Pressure limiter	1	G1/2-B	-	-		
z	Pressure transducer	1	G1/2-B	-	-		
t	Quick shut-off blow down valve	1	40	16	ISO 7005-12011		
v	Drain air valve	1	40	16	ISO 7005-12011		
NOTES:							
All dimensions are in mm.							
The design of the boiler complies with the General safety requirements PED 2014/68/EU Annex I and the standards of the series EN 12953.							
Rev.	Stage	Plan Number	Date	Drawing Code	Weight	Scale	Page
1	Final			Boiler	12708	1:20	10/01

This document is property of ENTROPIC, Heide, Germany. Reproduction or dissemination of its contents in any form or by any means without the written authorization of the owner.

