



**TECHNICAL DATA**

**DESIGN**

DESIGN STANDARD	BS/EN12953
CAPACITY (kcal/hr)	1,500,000
WORKING PRESSURE (bar)	
CORROSION ALLOWANCE	0.75 (mm)

**MATERIAL**

SHELL & FURNACE	17Mn-4 (DIN 17155)
TUBE SHEETS	17Mn-4 (DIN 17155)
FIRE TUBES	St 35.8 (DIN 17175)
FLANGES	FORGED STEEL ASME B.16.5-150

**INSPECTION**

PENETRATION TEST	YES
ULTRASONIC TEST	YES
HYDROSTATIC TEST	YES

**CONNECTIONS SIZE**

WATER RETURN	K	5"
WATER OUTLET	L	5"
SAFETY	M	2"
EXPANSION	N	2"
DRAIN	O	1/4"
STACK Temp. Sensor	Q	1/2"
TEMPERATURE SENSOR	R	1/2"
STACK I.D	S	16"
CONTROLLER	U	1/2"
VENT	V	1"
HAND HOLE	T	106
SKID I-BEAM SIZE(IPN)	I	160

**GENERAL NOTE**

- 1- ALL DIMENSIONS & ELEVATIONS ARE IN mm.
- 2-THE MAP CONTAINS THE CONSTRUCTION TOLERANCES
- 3-THE MAP PROVIDED IS NOT SCALED. SCALED MAP IS PROVIDED UPON REQUEST.

TITLE:  
REVERSE FLAME BOILER DIMENSION DRAWING

DRAFTED	CHECKED	APPROVED	CONFIRMED	REV.	SCALE
				R02	NTS

VENDOR:



**PACKMAN**  
Industrial Group