



TECHNICAL DETAILS

Operating Temperature

- 900°C

Digital Temperature Programmer

- Bentrup TC 507 - TC M2
- Pixsys ATR 313
- Device model changes according to kiln size

Temperature Control Form

- Time Proportional On/Off

Switching Element

- SSR-Solid State Relay (Standard)

Thermocouple Type

- Type K (NiCr-Ni)
- (inserted in ceramic tube)

Insulation

- High density ceramic fiber (Multi-layer)

Heating Surface

- From upper frame

Heating Elements

- Resistance wire wound inside quartz tubes to ensure uniform radiation

Cooling

- Free cooling by ventilation holes (Standard)
- Fast cooling by high pressure fan (Optional)

Connection

- Three Phase

Kiln Car Movement

- Manual (Standard)
- Programmable (Optional)

Number of Kiln Car

- 1 (Standard)
- 2 or more (Optional)

Lid Opening

- By mechanical elevating mechanism

Body Construction

- Welded steel tubes

Casing

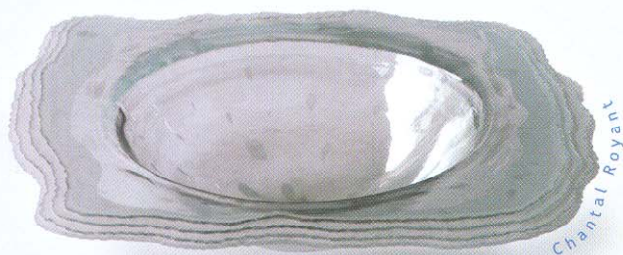
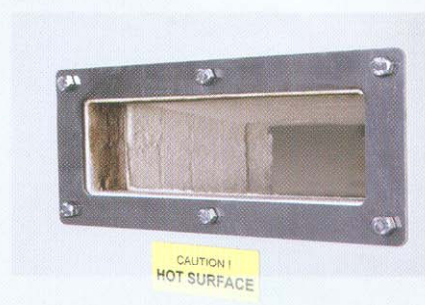
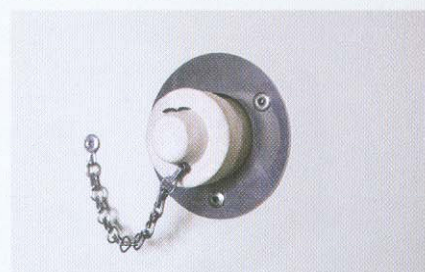
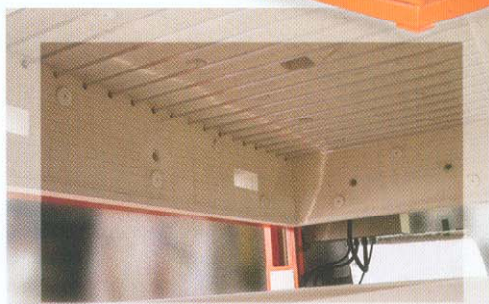
- Folded sheet metal

Coating

- Thermoset powder coat

Standard Colour

- Beige (RAL 7032 W) + Orange (RAL 2004 W)
- (Different colours can be selected)
- Stainless steel casing (Optional)





GFK/MFR 100/02000/16

No	Order Code	Internal Dimensions - [d x w x h] cm	Power - [kW]	Connection	Available Programmers
1	GFK/MFR 100/ 02000/12-16	100 x 200 x 30-40	18.1-19.4	400 V _{AC}	Pixsys ATR 313 Bentrup TC 507 - Bentrup TC M2
2	02160/12-16	120 x 180 x 30-40	18.5-19.7	400 V _{AC}	
3	GFK/MFR 120/ 02520/12-16	120 x 210 x 30-40	21.3-22.6	400 V _{AC}	
4	02880/12-16	120 x 240 x 30-40	24.3-27.0	400 V _{AC}	
5	03000/12-16	150 x 200 x 30-40	25.2-27.7	400 V _{AC}	
6	GFK/MFR 150/ 03750/12-16	150 x 250 x 30-40	33.1-36.5	400 V _{AC}	
7	04500/12-16	150 x 300 x 30-40	41.4-44.6	400 V _{AC}	
8	06000/12-16	200 x 300 x 30-40	54.3-57.6	400 V _{AC}	
9	GFK/MFR 200/ 07000/12-16	200 x 350 x 30-40	61.3-64.7	400 V _{AC}	
10	08000/12-16	200 x 400 x 30-40	68.5-71.2	400 V _{AC}	
11	07875/12-16	225 x 350 x 30-40	67.4-71.4	400 V _{AC}	
12	GFK/MFR 225/ 08800/12-16	225 x 400 x 30-40	77.0-81.6	400 V _{AC}	
13	10125/12-16	225 x 450 x 30-40	86.7-91.9	400 V _{AC}	
14	07500/12-16	250 x 300 x 30-40	64.2-68.10	400 V _{AC}	
15	GFK/MFR 250/ 10000/12-16	250 x 400 x 30-40	85.62-90.7	400 V _{AC}	
16	12500/12-16	250 x 500 x 30-40	107.0-113.4	400 V _{AC}	
17	GFK/MFR CUST/ ----/--	to your size	--	--	