IBK Industriebedarf GmbH

Heating and Drying Oven

with or without clean room design, with or without explosion proof

Heating and Drying Oven Type UW

Designed for drying or for
heat-treatment of materials
Heating System:
Electrical, thermal-oil, warm water or steam

IBK Industriebedarf GmbH Max-Planck-Str. 24 D-61184 Karben Tel.: 06039-5015 Fax: 06039-64 96
www.ibk-industriebedarf.de

Air Circulating Heating and Drying Ovens

Technical Data Standard Design		**UW**	**200**	**310**	**705**	**1500**	**3125**	**4500**	**8000**
Temperature Range, Tmax.		°C	250	250	250	250	250	250	250
Heating Power		kW	7,5	11,0	18,5	27,5	36,0	54,0	72,0
Power		kW	8,5	12,0	19,5	28,5	38,5	56,5	75,0
Nominal Voltage			400 V 3N PE AC						
Chamber	Width	mm	575	575	750	1.000	1.250	1.500	2.000
	Height	mm	600	900	1.250	1.500	2.000	2.000	2.000
	Depth	mm	600	600	750	1.000	1.250	1.500	2.000
	Volume	Litre	198	311	703	1.500	3.125	4.500	8.000
Casing	Width	mm	1.000	1.000	1.550	1.800	2.050	2.300	2.800
	Height	mm	1.650	1.950	2.100	2.350	2.850	2.850	2.850
	Depth	mm	900	900	1.050	1.300	1.550	1.800	2.300
Switchbox		place	top	top	right	right	right	right	right

The inner and outer dimensions as well as the thermal, mechanical and electrical equipment of the Air Circulating Heating and Drying Ovens can be designed according to your technical requirements.

RANGE OF APPLICATION OF THE AIR CIRCULATING HEATING AND DRYING OVENS:

- **For drying or heat treatment of materials emitting non-combustible vapours; general applications; standard design.**
- **For drying or heat treatment of materials emitting vapours which form an explosive compound when in contact with air; explosion-proof design**
- **For drying or heat treatment of materials under clean room conditions or in a protective gas atmosphere; special design.**

HEATING SYSTEM OF AIR CIRCULATING HEATING AND DRYING OVENS:

Besides the standard electrical heating equipment, the Heating and Drying Ovens can be heated, according to your requirements, with either **thermal oil, warm water or steam**.

The Heating and Drying Ovens can also be equipped with an additional **fresh air blower** or with a **heat exchanger** in order to reduce the cooling phase of the goods and the charging temperature.