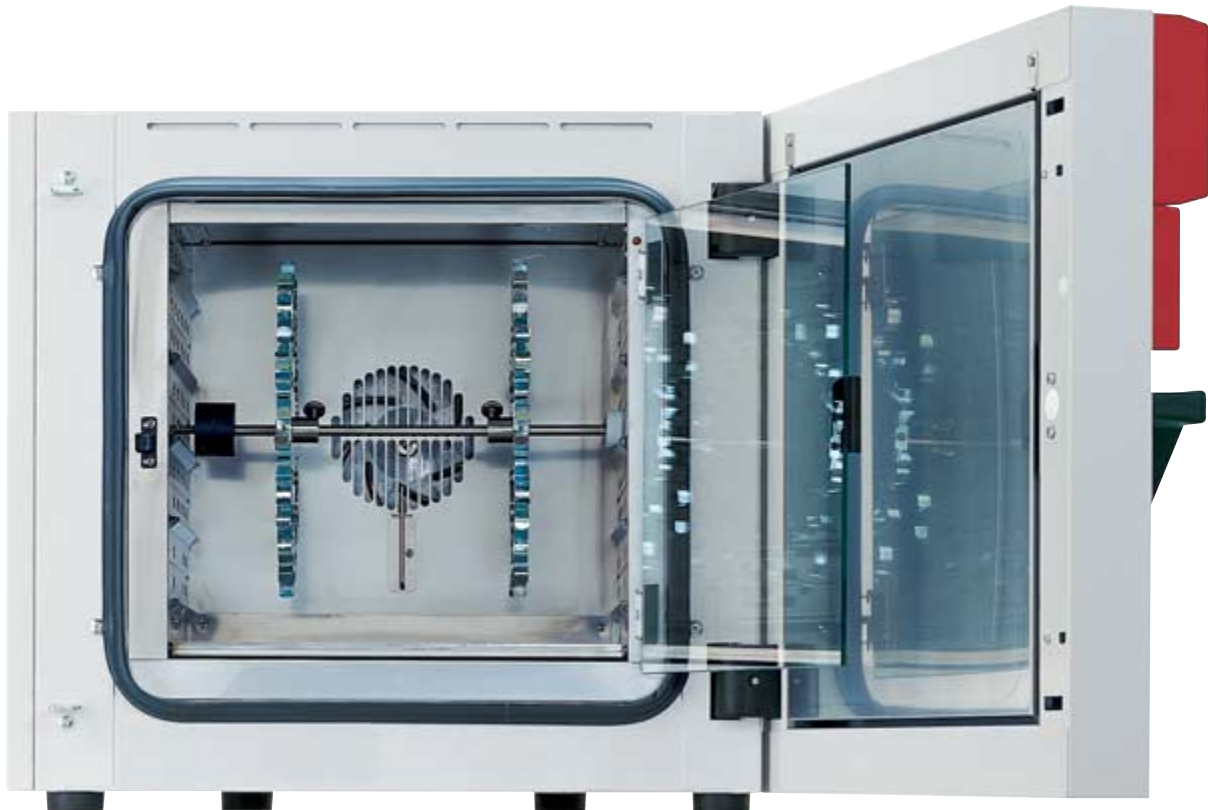


## BFD series: Universal hybridization ovens

The professional's choice in hybridization ovens, given their superior temperature precision.



### ► Performance features and equipment:

- Electronically controlled APT.line® preheating chamber technology
- Temperature range of 5 °C above room temperature up to 99.9 °C
- DS-controller
- Timer 0 to 24 hours
- Removable rotation unit for 12 hybridization bottles
- Tight collecting pan
- Adjustable ventilation by means of rear exhaust duct, 50 mm diameter, with ventilation flap and front ventilation slide
- Inner glass door
- Adjustable safety device, Class 3.1 (DIN 12880), with visual temperature alarm
- Units are stackable
- 1 chrome-plated shelf





	BFD 53	BFED 53
<b>► Exterior dimensions</b>		
Width (mm/inch)	659 / 25.9	659 / 25.9
Height (inclusive feet/castors) (mm/inch)	617 / 24.3	617 / 24.3
Depth (mm/inch)	575 / 22.6	575 / 22.6
Plus door handle, I-panel and exhaust duct (mm/inch)	85 / 3.4	85 / 3.4
Wall clearance rear (mm/inch)	100 / 3.9	100 / 3.9
Wall clearance side (mm/inch)	160 / 6.3	160 / 6.3
Steam space volume (l/cu.ft.)	77 / 2.7	77 / 2.7
Number of doors	1	1
<b>► Interior dimensions</b>		
Width (mm/inch)	400 / 15.8	400 / 15.8
Height (mm/inch)	400 / 15.8	400 / 15.8
Depth (mm/inch)	330 / 13.0	330 / 13.0
Interior volume (l/cu.ft.)	53 / 1.9	53 / 1.9
Shelves (number standard/max.)	1 / 4	1 / 4
Load per shelf (kg/lbs.)	15 / 33	15 / 33
Permitted total load (kg/lbs.)	40 / 88	40 / 88
Weight (empty) (kg/lbs.)	45 / 99	45 / 99
<b>► Temperature data</b>		
Temperature range, 5 °C/41 °F above ambient up to (°C/°F)	99,9 / 211.8	99,9 / 211.8
Temperature variation		
at 37 °C (± °C)	0.5	0.5
at 50 °C (± °C)	1.5	1.5
at 37 °C (± °C)	0.1	0.1
Temperature fluctuation		
at 50 °C (± °C)	0.2	0.2
Heating up time <sup>1)</sup>		
to 37 °C (Min.)	12	12
to 50 °C (Min.)	22	22
Recovery time after door was opened 30 sec. <sup>1)</sup>		
at 37 °C (Min.)	1	1
at 50 °C (Min.)	1.5	1.5
<b>► Electrical data</b>		
Housing protection acc. to EN 50529	IP 20	IP 20
Nominal voltage (± 10 %) 50 Hz (V)	230	230
Nominal power (W)	400	400
Energy consumption		
at 37 °C (W)	20	20
at 50 °C (W)	130	130

<sup>1)</sup> up to 98 % of the set value

All technical data are specified for units with standard equipment at an ambient temperature of + 25 °C and a voltage fluctuation of ± 10 %. The temperature data are determined in accordance to DIN 12880, part 2 respecting the recommended wall clearances of 10 % of the height, width and depth of the inner chamber. All indications are average values, typical for units produced in series. We reserve the right to alter technical specifications at all times.