

BINDER

ED/FD/FED/FP Ovens

BINDER
Best conditions for your success



Controller Avantgarde.Line
shown with 4 GB USB stick



BINDER ED 56
2 cubic ft



BINDER FD 260
9 cubic ft



BINDER FP 720
25.4 cubic ft

The right oven for every application

► **Uniformity specification you can trust, even at high temperatures**

- 27 point DIN standard - more than the 9 point ASTM standard
- Eliminates "sweet spot" locations within the oven



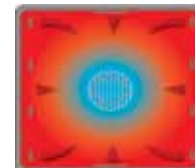
► **Insulation does not stop at the door**

- 2 inch insulation keeps exterior temperature safe to touch
- Double mechanical door lock maintains integrity at high temperatures while traditional door locks flex as the temperature increases

► **Patented air jacket**

Our Advanced Preheating Technology (APT.Line) provides

- Optimal temperature uniformity
- Faster recovery time



Avantgarde
Air Jacket



Classic
Forced Convection

► **Independent over temperature safety device with visual alarm**

► **Wide feature set available**

- Gravity convection + forced convection
- Programmable fan speed
- Programmable exhaust flap
- Standard routines from ramp to fully programmable profiles



Avantgarde
Air Flow



Classic
Air Flow

► **UL listed**

Best tool for drying, laboratory research and industrial product and component testing

- Sizes from 0.7 to 25.4 cubic feet
- Extensive options available



Access ports



Data logger



Door with heated
viewing window
and interior lighting



Sample
temperature sensor



Real time clock

Oven Family Overview

Y-Yes
N- No
ENET- Ethernet
O- Option
Prog- Program
Vis - Visual

Stackable

	ED 23UL	ED 56UL	ED 115UL	ED 260UL	ED 400UL	ED 720UL
Interior Volume	0.7 cu.ft.	2 cu.ft.	4 cu.ft.	9 cu.ft.	14.1 cu.ft.	25.4 cu.ft.
Electrical	120V	120V	120V	208V & 240V	208V 3 phase	208V 3 phase
Temperature Range	Amb. +5°C to 300°C	Amb. +5°C to 300°C	Amb. +6°C to 300°C	Amb. +5°C to 300°C	Amb. +5°C to 300°C	Amb. +5°C to 300°C
Temp unif. at 150°C	±2.8°C	±2.5°C	±2.0°C	±2.0°C	±3.0°C	±3.6°C
Part # Classic w/o RS422	47746-794				47746-762 w RS422	47746-764 w RS422
Part # Classic w RS422	47746-796					
Part # Avantgarde		75783-622	75783-626	75783-630		

Controller

Features in blue & Options in green

	Stackable						Controller							Features in blue & Options in green									
	ED 23UL	ED 56UL	ED 115UL	ED 260UL	ED 400UL	ED 720UL	Display	Timer	Ramp	Delayed Off	Delayed On	Temperature Dependent Delayed Off	Programmable	Adjustable Fan Speed	Digital Interface	4-20 mA	Data Collection	Temp. Alarm	Access Port,	Window in door Int. lighting	Sample Test Sensor	Gas Tight w Inert Gas	
ED Drying Oven w natural convection																							
FD Drying Oven w forced convection																							
FED Drying Oven w forced convection + timer																							
FP Prog. Drying Oven w forced convection																							