

# BINDER ED/FD/FED/FP Ovens

Differentiated Pricing



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

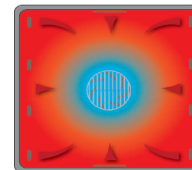
- 2 inch insulation keeps exterior temperature safe to touch
- Double mechanical door lock maintains integrity at high temperatures while traditional door locks flex as the temperature increases



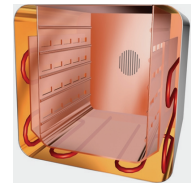
### ► Patented air jacket

#### Our Advanced Preheating Technology (APT.Line) provides

- Optimal temperature uniformity
- Faster recovery time



Avantgarde  
Air Jacket

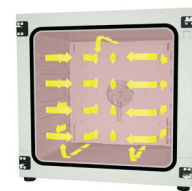


Classic  
Forced Convection

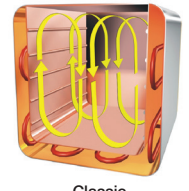
### ► Independent over temperature safety device with visual alarm

### ► 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						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																								
	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	7 seg LED	HH:MM	Y	Y	N	N	N	No Fan	RS422	O		Vis	Audio	O	O	O	
	Part # Classic w RS422	47746-796														ENET		USB						
Part # Avantgarde		75783-622	75783-626	75783-630			2 line LCD	DD: HH:MM	Y	Y	N	N	N											
FD Drying Oven w forced convection		FD 23UL	FD 56UL	FD 115UL	FD 260UL																			
	Interior Volume	0.7 cu.ft.	2 cu.ft.	4 cu.ft.	9 cu.ft.																			
	Electrical	120V	120V	120V	208V & 240V																			
	Temperature Range	Amb. +5°C to 300°C	Amb. +10°C to 300°C	Amb. +10°C to 300°C	Amb. +10°C to 300°C																			
	Temp unif. at 150°C	±2.5°C	±1.7°C	±1.7°C	±1.9°C																			
	Part # Classic	47746-802						7 seg LED	HH:MM	Y	Y	N	N	N	N	ENET	O		Vis	Audio	O	O	O	
	Part # Avantgarde		75783-602	75783-606	75783-610			2 line LCD	DD: HH:MM	Y	Y	N	N	N	N			USB						
FED Drying Oven w forced convection + timer		FED 56UL	FED 115UL	FED 260UL	FED 400UL	FED 720UL																		
	Interior Volume	2 cu.ft.	4 cu.ft.	9 cu.ft.	14.1 cu.ft.	25.4 cu.ft.																		
	Electrical	120V	120V	208V & 240V	208V 3 phase	208V 3 phase																		
	Temperature Range	Amb. +10°C to 300°C	Amb. 10°C to 300°C	Amb. 10°C to 300°C	Amb. +5°C to 300°C	Amb. +5°C to 300°C																		
	Temp unif. at 150°C	±1.4°C	±1.2°C	±1.6°C	±3.8°C	±3.0°C																		
	Part # Classic				80079-018	80079-014	7 seg LED	HH:MM	Y	Y	Y	Y	N	Y	RS 422	O		Vis	Audio	O	O	O	O	
	Part # Avantgarde		75783-594	75783-590	75783-598			2 line LCD	DD: HH:MM	Y	Y	Y	Y	N	Y	ENET		USB						
FP Prog. Drying Oven w forced convection		FP 53UL	FP 115UL	FP 240UL	FP 400UL	FP 720UL																		
	Interior Volume	1.9 cu.ft.	4 cu.ft.	8.5 cu.ft.	14.1 cu.ft.	25.4 cu.ft.																		
	Electrical	120V	120V	208V 3 phase	208V 3 phase	208V 3 phase																		
	Temperature Range	Amb. +5°C to 300°C	Amb. +5°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	±2.0°C	±1.8°C	±2.0°C	±2.5°C	±2.0°C																		
	Part # Classic	89038-826	89038-828	80079-110	89038-832	89038-834	7 seg LED	HH:MM	Prog	Prog	Prog	Prog	20	Y	RS 422	O		Vis	Audio	O	O	O	O	



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