

FORCED CONVECTION AND AIR EXCHANGE OVEN

420-TD



Technical Specifications

Temperature range	Amb. + 7°C to 200°C
Temperature control	PID
Temperature control resolution	± 0,1°C
Display Resolution	Colored 4 digit TouchScreen
Temperature sensor	Tipo PT 100
Inner capacity	81 to 640 L
Heating system	Electrical resistance
Protection grade	IP 20
Electrical specs	110V or 220V 50Hz/60Hz

OPTIONAL



- IQ,OQ and PQ protocols
- Software for RDC 301 and GAMP5 requirements
- Communication RS485

Product description

- Equipment developed to assure the drying of solid components
- System that assures faster and uniform drying
- Externally: corrosion resistant treatment and epoxy powder coating
- Internally: stainless steel
- High performance and easy cleaning.

Technical Characteristics

- Air exchange system for drying uniformity
- Temperature control and reading through PT100 sensor with 0,1°C resolution
- Excellent thermal insulation, low temperature dissipation. Door built with silicone gasket for higher sealing power
- Size flexibility from 81 to 640 liters (check technical specs. chart)
- Ground models equipped with lockable castors.

ethik EXCLUSIVE SOFTWARE



Better user interaction software , for easy and clear operation.



Easy and simple control programming of temperature on a colorful and graphic interface on a 3" screen.



Saves up to 10 different programs for ramp/soak (60 segments each) with the possibility of naming each program.



Exclusive security system which allows access control (LOGIN) for every user.



Programmable software for visual alarm activation in case of higher or lower temperature than set point, and temperature differential.

INCLUDED ACCESSORIES AND COMPONENTS



- 1(one) wired tray for workbench models / 1(one) perforated stainless steel tray for ground models
- Exhaustion damper (check information chart)
- Operation manual
- RBC Calibration Certificate, for temperature controller
- Connection for Data Logger (4 to 20mA)

FORCED CONVECTION AND AIR EXCHANGE OVEN 420 TD Information

SIZE	INTERIOR				EXTERIOR			
	WIDTH mm	DEPTH mm	HEIGHT mm	VOL INTERIOR liters	WIDTH mm	DEPTH mm	HEIGHT mm	VOL EXTERIOR liters
1	450	400	450	81	780	630	1010	496
2	500	400	500	100	830	630	1060	554
3	600	500	500	150	930	730	1060	720
4	700	550	600	231	930	780	1260	914
5	800	600	700	336	1320	830	1630	1786
6	900	650	800	468	1420	880	1730	2162
7	1000	700	900	630	1520	930	1830	2587
8	800	800	1000	640	1350	1000	1950	2630

SIZE	WEIGHT Kg	ELETRICAL SPECS W	EXHAUSTION DAMPER	TRAY SUPPORT QUANTITY	MAXIMUM WEIGHT PER TRAY Kg	DOOR AMOUNT
1	56	1580	REGULATOR WITH NO CONNECTION	4	20	1
2	63	1580	REGULATOR WITH NO CONNECTION	4	20	1
3	72	2350	REGULATOR WITH NO CONNECTION	4	20	1
4	87	2350	REGULATOR WITH NO CONNECTION	6	30	2
5	115	3000	REGULATOR WITH CONECTION TUBE Ø100mm	6	30	2
6	123	3000	REGULATOR WITH CONECTION TUBE Ø100mm	7	40	2
7	210	3000	REGULATOR WITH CONECTION TUBE Ø100mm	8	40	2
8	210	3000	REGULATOR WITH CONECTION TUBE Ø100mm	9	40	2