



PANINI

ENGLISH 

**ALSO
PASTEURIZATION**



UNIVERSAL-SPRAY

HOT-WATER SPRAY STERILIZATION RETORT

UNIVERSAL-SPRAY

Sterilization and pasteurization retort for canned food products, designed for hot-water spray processing and featuring air overpressure control for the complete cycle. Recommended for tin cans, glass jars and heat-sensitive products. The hot-water spray cycle can also be used to pasteurize at temperatures below 100°C.

CHARACTERISTICS

- Hot-water spray sterilization, with steam-injection heating
- Cold-water spray cooling with circulation pump to reduce water consumption and maximize temperature uniformity during cooling
- Air overpressure during sterilization and cooling
- High flow-rate circulation pump and 3 rows of spray nozzles to cover product from top and both sides and give maximum temperature uniformity during sterilization

CHARACTERISTICS OF *UNIVERSAL* LINE

- Max working pressure 4 bar (up to 150°C)
- Diameters of 1200, 1400, 1600, 1800 and 2000 mm
- Lengths from 2000 to 8000 mm
- Built in stainless steel AISI 304 or 316
- Standard approval PED 23/97CE (also available American ASME, Russian GOST, Chinese SQLO, Romanian ISCIR, Polish UDT and others upon request)
- Complies with American USDA 21 CFR 113.40 norms for LACF (low-acid canned food) sterilization retorts.

VALVE KITS

The Universal-Spray model is supplied with double steam and water valves for more precise process control:

- | | | |
|-----------|--------------|--------------|
| 1. Safety | 4. Steam x 2 | 7. — |
| 2. Vent | 5. Water x 2 | 8. Hot Water |
| 3. Air | 6. Drain | 9. — |



MODEL	DIMENSIONS mm			WEIGHT KG
	L	W	H	
Ø1200 x				
2000	3150	1750	2010	1170
3000	4150	1750	2010	1380
4000	5150	1750	2010	1590
5000	6150	1750	2010	1800
Ø1400 x				
3000	4250	1950	2310	2430
4000	5250	1950	2310	2690
5000	6250	1950	2310	2950
6000	7250	1950	2310	3190
Ø1600 x				
3000	4250	2150	2510	2430
4000	5250	2150	2510	2690
5000	6250	2150	2510	2950
6000	7250	2150	2510	3190
Ø1800 x				
3000	4250	2350	2710	2430
4000	5250	2350	2710	2690
5000	6250	2350	2710	2950
6000	7250	2350	2710	3190

Other sizes upon request. The actual specifications may vary due optional components or product improvements.

