



PANINI

ENGLISH 

FOR GLASS
& METAL CANS



UNIVERSAL-LIGHT

DIRECT STEAM STERILISATION RETORT
WITH FAN AGITATION

UNIVERSAL-LIGHT

Sterilization retort for canned food products, designed to balance low cost and good processing efficiency. The retort processes metal cans and glass jars in direct steam with air overpressure during holding. A fan agitates the steam/air medium and guarantees temperature uniformity, eliminating the need for bleeder vents. The retort features a special pre-cooling step to eliminate thermal shock and improve pressure control at the start of the cooling step. A direct-steam process is less expensive and requires less come-up time compared to a water-spray process.

CHARACTERISTICS

- Direct steam heating with fan agitation
- Pre-cooling step with compressed air to remove the steam
- Flood cooling
- 1 overpressure value during holding and 1 value during cooling
- Fan to mix steam and in the retort and guaranty good temperature uniformity

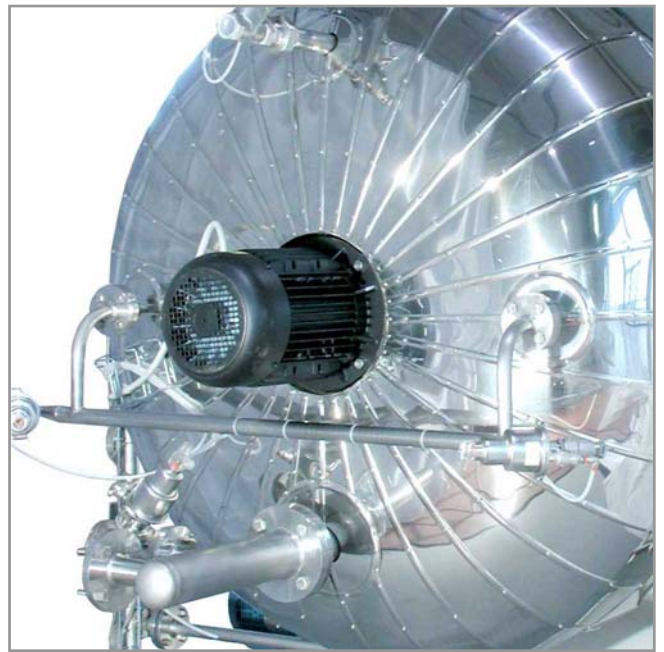
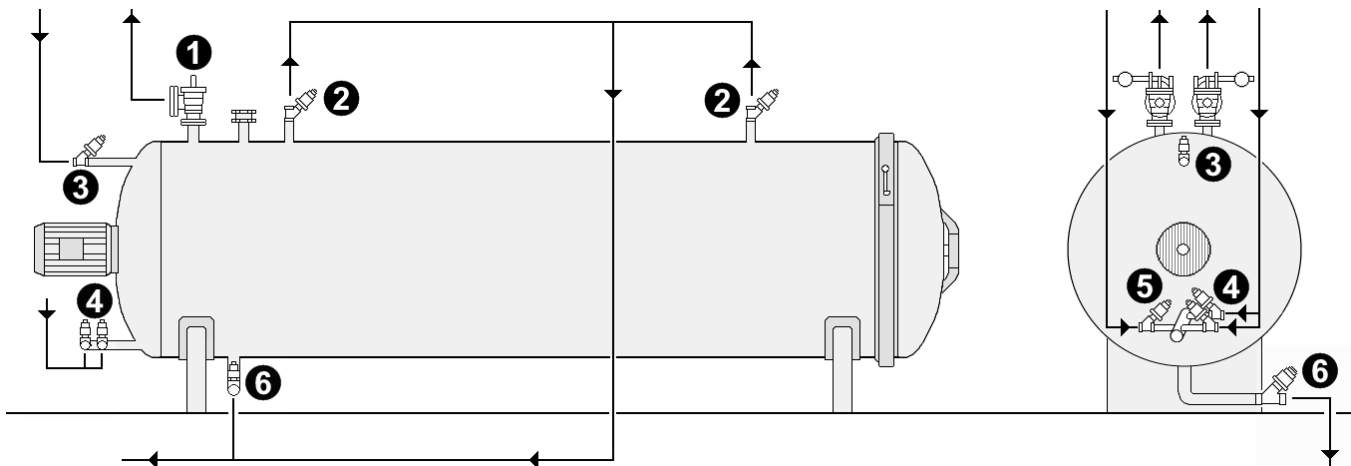
CARATTERISTICHE SERIE UNIVERSAL

- 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 US FDA 21 CFR 113.40 norms for LACF (low-acid canned food) sterilization retorts.

VALVE KIT

The *Universal-Light* model is designed for a basic set of valves needed to control a saturated steam sterilization process:

- | | |
|-----------|----------|
| 1. Safety | 4. Steam |
| 2. Vent | 5. Water |
| 3. Air | 6. Drain |



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.