

STERIS FINN-AQUA's Point-Of-Use (POU) Pure Steam Generator is a compact and economical solution for generating pure steam in environments that lack a centralized pure water/steam system or need additional capacity. The unit, which features its own controller, can be used as a stand-alone steam generator for a variety of applications or can be integrated into equipment such as steam sterilizers which require pure steam.

STERILIZER SIZE RANGE

POU-200	666...91515
POU-400	91518...182121



FINN-AQUA® POU Pure Steam Generator

Compact and Economical



ADVANTAGES

- Economical pure steam solution serves a variety of applications, reducing building and renovation costs for drug and device makers, research laboratories and other life science organizations
- Meets pharmaceutical grade specifications and offers the reliability and quality that has made FINN-AQUA famous
- Compact, simple design offers easy operation and maintenance in a small footprint

APPLICATIONS

- Primary pure steam source for pilot production, laboratories, hospitals and other facilities requiring low capacity
- Integrated pure steam source for sterilizers
- Added capacity for central steam systems to cover plant shut-downs or peak demand periods
- For use in sterilization of water tanks and loops
- For use as a humidifier in HVAC systems

CONFIGURATIONS

- Two standard sizes – see back for details
- Independent controller for process PID control and operation
- Plant steam supply requirement is 5 to 8 bar, typical pure steam set pressure 2.8 bar
- Feed water booster pump option is required if supply pressures is less than 4 bar

STERIS offers the industry's finest technical support in addition to the leading sterility assurance products. With the delivery of any POU unit, a STERIS team of technical specialists will provide full installation supervision, start-up and operational checks to guarantee a professional migration into the Customer's environment. As our Customer's partner, STERIS provides the POU with a highly efficient preventive maintenance plan.

CAPACITIES, UTILITIES & EQUIPMENT DIMENSIONS

EU UNITS	POU-200	POU-400
Pure steam max capacity (kg/h)	170	300
Pure steam pressure (bar)	2.8	
Plant steam pressure (bar)	8.0	
Plant steam consumption (kg/h)	230	405
Feed water consumption (l/h)	213	375
Blowdown discharge	10...25%	
Electrical connection 3~ 400 VAC 50 Hz*	0.37 kW	
Instrument air	6...8 bar	
Width (mm)	510	550
Depth (mm)	560	610
Height (mm)	2080	2156
Weight (kg)	215	260
Pressure vessel code**	ASME / PED	

US UNITS	POU-200	POU-400
Pure steam max capacity (lbs/h)	375	662
Pure steam pressure (psig)	40.6	
Plant steam pressure (psig)	116	
Plant steam consumption (lbs/h)	507	893
Feed water consumption (gph)	56	99
Blowdown discharge	10...25%	
Electrical connection 3~ 480 VAC 60 Hz*	0.5 hp	
Instrument air	87...116 psig	
Width (in)	20	22
Depth (in)	22	24
Height (in)	82	85
Weight (lbs)	475	570
Pressure vessel code**	ASME / PED	

* Includes optional feed water booster pump. Required if feed water pressure available is less than 58 psig. Other voltages supply on request.

**Other pressure vessel codes on request



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STERIS Life Sciences | Science & Solutions for Life

For over 100 years, STERIS has been known as a global leader, trusted partner and solutions provider in the field of sterilization and contamination control. **Today**, STERIS continues building on this heritage by advancing the **Science** of sterilization, cleaning and infection control while offering **Solutions** that meet our Customers' needs and high standards. STERIS is dedicated to helping you enhance the **Life** of your patients and the life of your equipment. From Formulated Chemistries, to Capital Equipment, to Parts and Services, STERIS Life Sciences is **Science & Solutions for Life**.

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