

# Finn-Aqua Point-Of-Use (POU) Pure Steam Generator

An economical solution for generating Pure Steam in environments which lack a centralized, plant wide pure steam / water system.



STERIS Finn-Aqua's Point-Of-Use 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

## 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 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



Life Sciences

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*	0,37 kW	
Instrument air	87...116 psig	
Width	20"	22"
Depth	22"	24"
Height	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

## About STERIS Corporation

STERIS Corporation is a leading provider of infection prevention and surgical products and services, focused primarily on critical healthcare, pharmaceutical and research markets around the world. The Company supplies a broad array of equipment, consumable and service solutions that help assure productivity and quality. The Company is listed on the New York Stock Exchange under the symbol STE. For more information, visit [www.steris.com](http://www.steris.com).

STERIS has a comprehensive offering of detergents, disinfectants, skin care products and sterility assurance products that support your needs. We also have world class technical support to design the most effective cleaning program for your facility.

STERIS Corporation  
5960 Heisley Road  
Mentor, OH 44060  
USA

T +1 800 444 9009

### STERIS Offices Worldwide

Asia Pacific	+65 (0) 68 41 7677
Canada	+1 800 444 9009
Finland	+358 (0) 9 258 51
France	+33 (0) 2 38 84 85 40
Germany	+49 (0) 221 466120
Italy	+39 (0) 2 21303 424
Latin America	+1 800 444 9009
Spain	+34 (0) 916 585 920
United Kingdom	+44 (0) 1256 840400

[www.STERISLifeSciences.com](http://www.STERISLifeSciences.com)

© 2013 STERIS Corporation  
All rights reserved

No part of this publication may be reproduced in any material form without the written permission of STERIS Corporation.