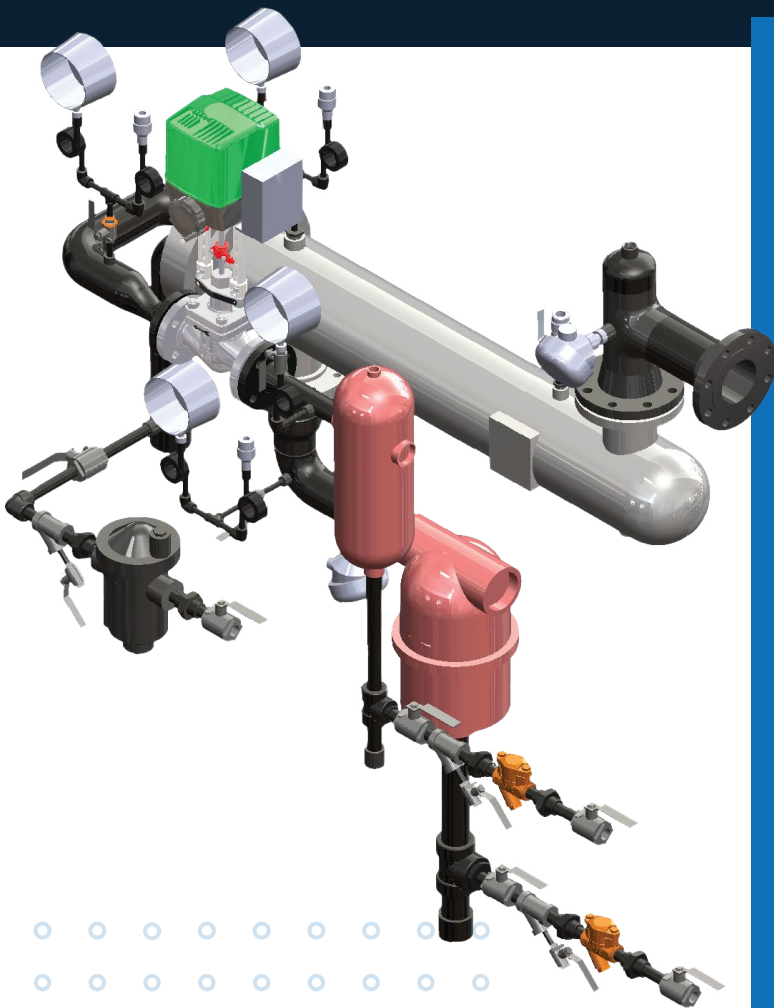


SQC

Steam Quality Controller

U.S. PATENT #9,453,693



Helping control
your steam
quality during
the sterilization
process.



**maxi·
therm**[™]
beyond steam[™]

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The Maxi-Therm system is designed and maintained to provide steam dryness between 97% and 100%.

HOW?

By using a steam-to-steam heat exchanger, we create “superheated steam”. This is achieved by raising saturated steam above boiling point, removing all its moisture and creating dry steam.



What are the causes:

- Poor quality of wrapping materials
- Rigid containers' defective valves
- Poor steam quality
- Faulty loading and/or packaging techniques
- Sterilizer malfunction and/or design

As listed, wet packs can occur for several different reasons. However with Maxi-Therm's SQC, steam quality will always be optimal and will never be at fault.



Our Specs:

- ASME Section VIII, Horizontal or vertical shell & tubes heat exchange vessel.
- NEMA 4 Control panel with programmable controller, graphic HMI display including BACnet, LonWorks, Modbus compatibility.
- Remote access and integrated sensor to ensure 97% steam quality.
- We are Internet of Things ready (IoT) with an OPC-UA embedded server.
- Process piping and heat exchanger tubes, available in stainless steel 304 or 316L.
- Complete skid package is pre-wired, pre-piped, pre-tested, and pre-configured to your specifications.

Benefits When Selecting Maxi-therm:

- 1 SQC can supply multiple sterilizers at once.
- Utilizes a small footprint.
- Low maintenance and heavy-duty construction.
- Start-up and training done by certified technician.
- Easy install, with only 5 main connections.
- The heat exchanger is made in USA.

Easy install, requires low foot print, low maintenance with heavy duty construction and easy operation.

Steam Quality Controller Specification Chart:

MODEL	SQC-1000	SQC-3000	SQC-5000
Capacity (lbs/hr)	1000	3000	5000
Length	68	70	82
Width	30	32	38
Height	90	92	96
Primary Steam In	1.25	1.5	2
Primary Condensate Out	0.75	0.75	1
Conditioned Steam In	2	3	4
Conditioned Steam Out	2	4	4
Conditioned Condensate Out	0.75	0.75	0.75

All dimensions are in inches and are based on primary steam pressure between 100-125 psig and conditioned steam pressure between 60-80 psig. Custom sizes are available upon request.

How you're covered:

Parts	Our limited warranties
Heat Exchanger	10-years
Sensors, controller, steam traps, etc.	24-months after shipping or 18-months after start-up (whichever comes first).
Control valve	5-years
U.S. PATENT #9,453,693	
Innovation never stops at Maxi-Therm.	



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