

ATHERMOLEC

ACU \approx STEAM PRO



RESISTIVE STEAM HUMIDIFIER

ACU STEAM PRO

Acu Steam Pro humidifiers produce humidity from steam dispersed directly into the air using electric elements immersed in water. By using resistive elements a wide range of water conditions can be used to generate sterile steam quickly and efficiently in a permanent stainless steel tank.

Acu Steam Pro Advantages

- Modulation or ON/OFF control standard
- Capacities from 12 to 50 lb/hr
- Easy to maintain stainless steel tank
- Environmentally friendly permanent tank
- Equipped with smart foaming detection
- Works with a wide range of water conditions
- Water safely drains below 140 °F (60 °C)

Typical Applications

Having proper humidification will not only provide a more comfortable environment but reduce the static electricity hazard to critical applications as well as protect valuable assets. The Acu Steam Pro is recommended for not only residential but industrial, commercial and institutional applications as well.



INSTITUTIONAL



MUSEUM



LABORATORIES

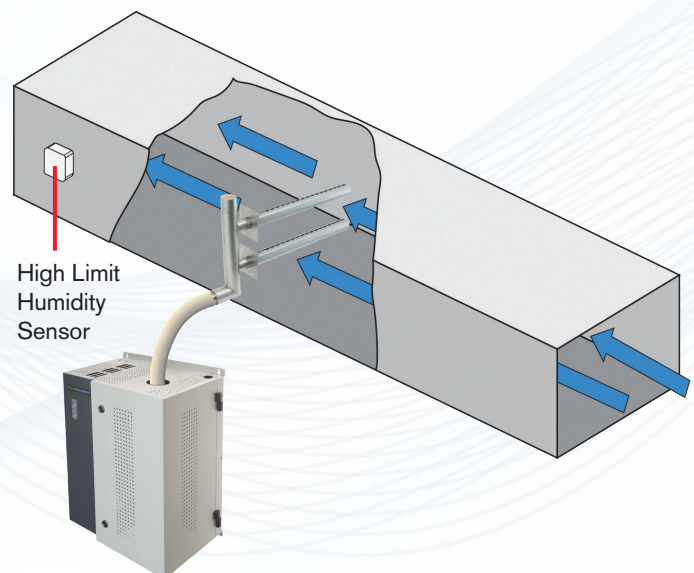


OFFICES

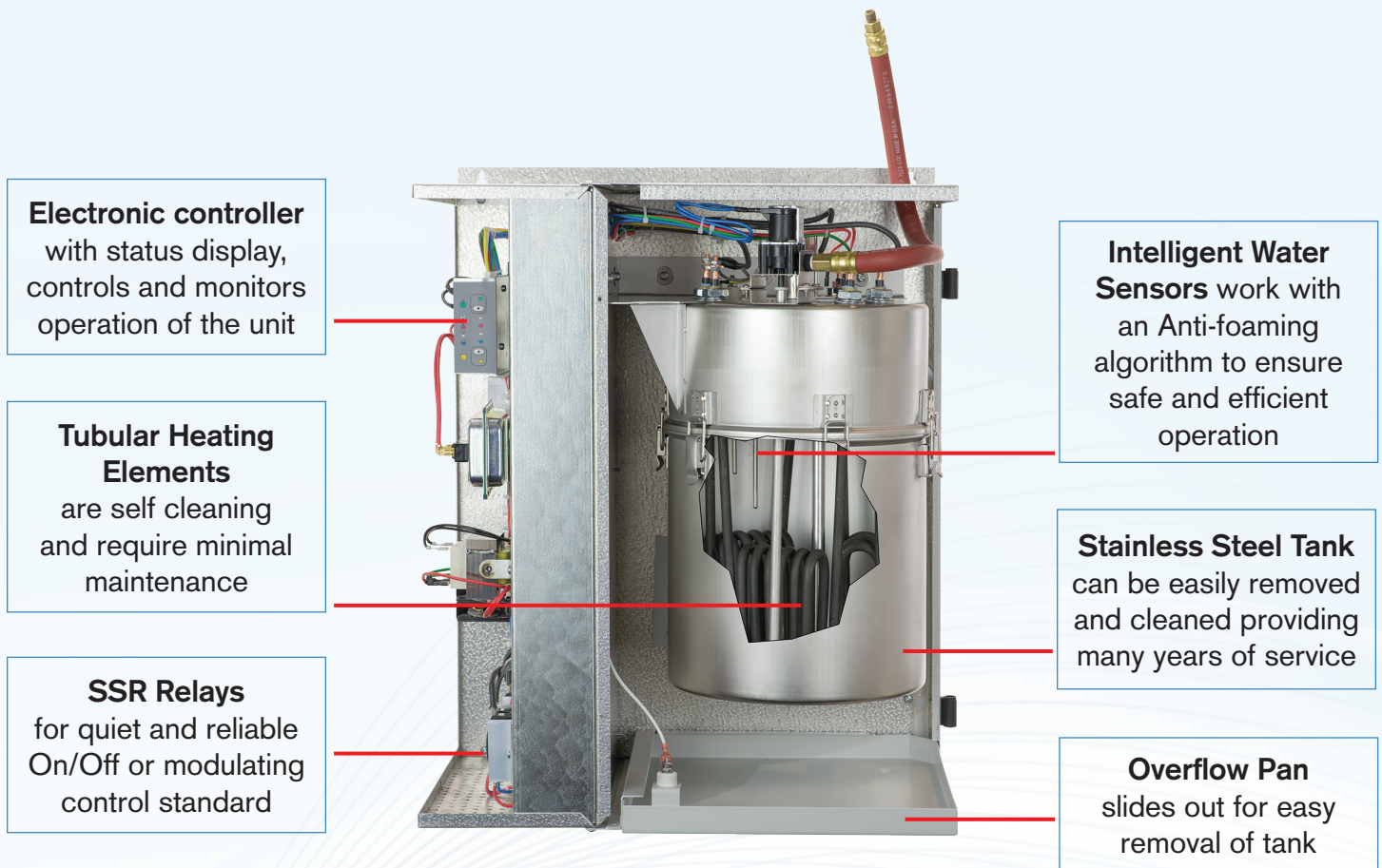
Typical Installation

Ductwork that is part of a forced air system is required to distribute the steam produced. To provide a better fit, Acu Steam Pro Steam Diffusers are custom built for the ductwork available.

For improved efficiency, all of our Pro Diffusers are insulated.



HUMIDIFIER OVERVIEW



UNIQUE FEATURE - No tools required for equipment maintenance



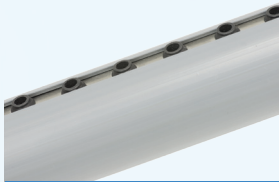
Acu Steam Pro Steam Generation

Steam is generated in a permanent stainless steel tank that is more cost effective and better for the environment than disposable plastic equivalents providing substantial savings over the life of the unit.

Integrated water sensors monitor the water in the tank to help our intelligent Anti-foaming algorithm adapt to changing water conditions flushing the water when necessary allowing safe and efficient operation.

With the cover open there are no tank connection or tools required to remove the tank for cleaning. Simply slide out the overflow pan, unclamp the retention clamps and lower the lightweight tank.

PRO STEAM DIFFUSERS



Insulated diffusers is a standard feature with our products



PRO 1



PRO 2

All Acu Steam Pro Diffusers are insulated and custom built matching the output capacity and ductwork size for superior performance.

Single tube Acu Steam Pro Diffusers are built to allow the tube to be rotated in order to fine tune the direction the steam exists based on the airflow. Typically they provide an absorption distance of less than 5 feet.

Double tube Acu Steam Pro Diffusers are built to allow higher capacities (or to be used in narrow ductwork). Typically they provide a shorter absorption distance of less than 2.5 feet.

Model	kW	Voltage/Phase						Steam Output		
		208/1	208/3	240/1	240/3	480/3	600/3	lbs/hr	kg/hr	outlet
Pro 12	4	•	-	•	-	-		12	5.5	1.5"
Pro 18	6	•	•	•	•	•	•	18	8	1.5"
Pro 24	8	•	•	•	•	•	•	24	10.9	1.5"
Pro 30	10	-	•	•	•	•	•	30	14	1.5"
Pro 36	12	-	-	-	-	•	•	36	16.5	1.5"
Pro 40	13.5	-	-	-	-	•	•	40	19	1.5"
Pro 50	16	-	-	-	-	•	•	50	21.8	1.5"



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