

steamOvap® is a manufacturer of humidifiers and provider of humidification and adiabatic cooling solutions for the HVAC market. Located in Montreal, Canada, steamOvap® has been founded by Eric Landry who holds a master's degree in mechanical engineering, the subject of which is the definition of an algorithm to predict the non-wetting distance during the injection of saturated steam into an air stream; and Bernard Saint-yves a former steam and evaporative humidification product manager and product improvement leader. They combined more than 40 years of experience in humidification and are recognized for their expertise and pragmatic approach to practical solutions.

steamOvap® is offering electric steam, live steam, steam exchange humidifier with a full range of steam distribution. We do also carry ultrasonic, atomizing or absorption adiabatic humidifiers, as well as humidity controls and water treatment supporting products.



We are passionate about innovation we believe that there is always a better way or a more efficient solution. We have already filed two patents for our products for concepts that make life easier for users of our steam humidifiers.



Sustainability is a key principle defining our strategic direction and product design :

We do not offer electrode boiler humidifier whose maintenance would result in complete waste of the plastic cylinder. Our electric steam humidifiers have been designed to be so simple to maintain that anyone can do it in minutes with no tools or consumables required.

Thermal insulation is not an option on our steam humidifier ! Energy is precious, let's do everything we can to save it.

All of our humidifiers are offered with a 3 year warranty (industry longest) - we stand by our products !

SOME REFERENCES



UH Parma Medical Ctr
Application: Hyperbaric chamber
Parma, OH, USA



Certainteed lab
Application: Laboratory
Fremont, CA, USA



TruFusion
Application: Hot yoga
Several locations, USA



SISU Pharmacy
Application: Pharmacy
Tempe, AZ, USA



US Veterans Affairs
Application: In patient rooms
Several locations, USA



Merck
Application: Pharmaceutical plant
West Point, PA, USA







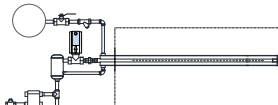



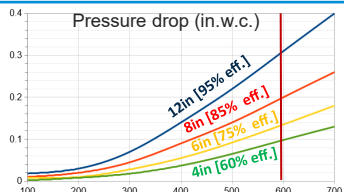
UC Irvine Health
Application: MRI room
Yorba linda, CA, USA



Upryze Cannabis
Application: Cannabis growing
Acheson, AB, Canada

As we have helped others, we can help you to achieve best indoor climate control where others have failed.

Contact us at +1 844 357-4477 or info@steamovap.com

	PRODUCT	TECHNOLOGY	ENERGY	TECHNICAL DATA	UNIQUE ADVANTAGES																												
IER		Electric steam humidifier Commercial	Electrical power from 2 to 62kW 120/1ph to 480Vac/3ph	<table><tr><th colspan="4">Max capacity (lb/h) per model</th></tr><tr><th>IER02</th><th>IER04</th><th>IER05</th><th>IER09</th></tr><tr><td>6</td><td>10</td><td>15</td><td>24</td></tr><tr><th>IER12</th><th>IER17</th><th>IER22</th><th>IER31</th></tr><tr><td>35</td><td>50</td><td>65</td><td>93</td></tr><tr><th>IER24</th><th>IER34</th><th>IER44</th><th>IER62</th></tr><tr><td>70</td><td>100</td><td>130</td><td>185</td></tr></table>	Max capacity (lb/h) per model				IER02	IER04	IER05	IER09	6	10	15	24	IER12	IER17	IER22	IER31	35	50	65	93	IER24	IER34	IER44	IER62	70	100	130	185	<ul style="list-style-type: none">Permanent S/S cylinder with thermal insulationCleaning done in minutes with no tools & no waste7in touch screen = easy to set-up & control
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RES		Electric steam humidifier Residential	Electrical power from 0.6 to 4.5kW 120, 208 or 240Vac 1ph	<table><tr><th>Voltage</th><th>Capacity per model</th></tr><tr><td>120Vac/1ph</td><td>1.9 / 2.4 / 3.4 / 4.5lb/h</td></tr><tr><td>208Vac/1ph</td><td>5.6 / 7.2 / 10.1 / 13.5lb/h</td></tr><tr><td>240Vac/1ph</td><td>7.5 / 9.6 / 13.5lb/h</td></tr></table>	Voltage	Capacity per model	120Vac/1ph	1.9 / 2.4 / 3.4 / 4.5lb/h	208Vac/1ph	5.6 / 7.2 / 10.1 / 13.5lb/h	240Vac/1ph	7.5 / 9.6 / 13.5lb/h	<ul style="list-style-type: none">Resistive heating element + permanent S/S cylinder designed for life.Cleaning done in minutes with no tools & no wasteModbus remote control																				
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ISE		Steam exchange humidifier	Pressurized steam from 5 to 15PSI & electrical power for control valve	<table><tr><th colspan="4">Capacity (lb/h) [5-15PSI] per model</th></tr><tr><th>ISE30</th><th>ISE70</th><th>ISE120</th><th>ISE170</th></tr><tr><td>4-30</td><td>9-70</td><td>16-120</td><td>23-170</td></tr><tr><th>ISE220</th><th>ISE300</th><th>ISE440</th><th>ISE600</th></tr><tr><td>29-220</td><td>40-300</td><td>48-440</td><td>80-600</td></tr></table>	Capacity (lb/h) [5-15PSI] per model				ISE30	ISE70	ISE120	ISE170	4-30	9-70	16-120	23-170	ISE220	ISE300	ISE440	ISE600	29-220	40-300	48-440	80-600	<ul style="list-style-type: none">Vertical heat exchanger = compact & easy to access & serviceCleaning done in minutes with no tools.7in touch screen = easy to set-up & control								
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SR OR SO		High efficiency or standard steam grid	No energy required Atmospheric or pressurized steam distribution into duct	<table><tr><th>Model</th><th>Inlet ø</th><th>min & max capacity</th></tr><tr><td>SRS</td><td>1-1/2 to 2-1/2in</td><td>1 to 65lb/h</td></tr><tr><td>SRC</td><td>2-1/2in</td><td>4 to 84lb/h</td></tr><tr><td>SOS</td><td>2 to 8in</td><td>4 to 3,300lb/h</td></tr><tr><td>SOE</td><td></td><td></td></tr></table>	Model	Inlet ø	min & max capacity	SRS	1-1/2 to 2-1/2in	1 to 65lb/h	SRC	2-1/2in	4 to 84lb/h	SOS	2 to 8in	4 to 3,300lb/h	SOE			<ul style="list-style-type: none">Thin (0.142in) & robust thermal insulation with no joint.Rated for 500°F and direct contact with flameMany mounting options for vertical or round duct, with flange & more.													
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ILS		Live steam humidifier	Pressurized steam from 2 to 15PSI & electrical power for control valve	<table><tr><th>Model</th><th>Description</th></tr><tr><td>ILS-P</td><td>Steam pre-heat jacket type</td></tr><tr><td>ILS-SO</td><td>Vertical multi-ramp S/S</td></tr><tr><td>ILS-SE</td><td>High effc. vertical multi-ramp</td></tr></table> <p>Steam pressure: 2 to 15PSI Capacity: from 4 to 3,300lb/h Steam control valve: 24Vac, 2-10Vdc</p>	Model	Description	ILS-P	Steam pre-heat jacket type	ILS-SO	Vertical multi-ramp S/S	ILS-SE	High effc. vertical multi-ramp	<ul style="list-style-type: none">Cost effective & versatile configuration.Zero condensate to drain optionHigh efficiency thermal insulation thin robust & rated for 500°F and direct contact with flame.																				
Model	Description																																
ILS-P	Steam pre-heat jacket type																																
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AUL01		Ultrasonic humidifier	Electrical power from 110 to 660W 120 to 240Vac 1ph	<table><tr><th colspan="4">Capacity (lb/h) per model</th></tr><tr><th>AUL01</th><th>AUL02</th><th>AUL03</th><th>AUL06</th></tr><tr><td>2.2</td><td>4.4</td><td>6.6</td><td>13.2</td></tr></table> <p>Water conductivity: 0-1250µS.cm Max Kit D: In Duct humidification Kit S: in Space humidification</p>	Capacity (lb/h) per model				AUL01	AUL02	AUL03	AUL06	2.2	4.4	6.6	13.2	<ul style="list-style-type: none">0.5µm very fine mist allowing for use at low temperature.Unique modular and versatile mounting optionOptional remote touch screen controller																
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AUL01	AUL02	AUL03	AUL06																														
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ACA		Fogging humidifier	Air sensible energy 970Btu/lb of water & compressed air 0.15cfm/lb of water atomized	<table><tr><th colspan="4">Max capacity (lb/h) & air consumption</th></tr><tr><th>ACA-S2</th><th>ACA-S4</th><th>ACA-S6</th><th>ACA-Dx</th></tr><tr><td>26</td><td>53</td><td>78</td><td>13-1040</td></tr><tr><td>4cfm</td><td>8cfm</td><td>12cfm</td><td>2-160cfm</td></tr></table> <p>Comp. Air press.: 87 to 116PSI Voltage & power: 100 to 250Vac, 15W</p>	Max capacity (lb/h) & air consumption				ACA-S2	ACA-S4	ACA-S6	ACA-Dx	26	53	78	13-1040	4cfm	8cfm	12cfm	2-160cfm	<ul style="list-style-type: none">2-4µm water droplet allowing for use at low temperature & high humidity (95%RH)15 years warranty on atomizing nozzleLow compressed air consumption												
Max capacity (lb/h) & air consumption																																	
ACA-S2	ACA-S4	ACA-S6	ACA-Dx																														
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AEM		Absorption humidifier	Air sensible energy 970Btu per lb of evaporated water & 15W for water supply valve	 <p>Pressure drop (in. w.c.)</p> <p>12in [95% eff.] 8in [85% eff.] 6in [75% eff.] 4in [60% eff.]</p> <p>FPM</p>	<ul style="list-style-type: none">Vertical heat exchanger = compact & easy to access & serviceCleaning done in minutes with no tools.7in touch screen = easy to set-up & control																												



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