



## Item # UE065, HumiSteam UEX

HumiSteam, the immersed electrode humidifier, is the culmination of CAREL's thirty-year experience in the field of steam humidification and the rational choice for a vast series of applications: civil environments, offices, industrial facilities, and steam baths.



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### Specifications

<b>Model</b>	UE065
<b>Total Length</b>	25.0 in 635 mm
<b>Total Width</b>	18.3 in 465 mm
<b>Total Height</b>	35.0 in 890 mm
<b>Weight</b>	207.2 lb
<b>Operating Weight</b>	207.2 lb
<b>Maximum Steam Capacity (lb/hr)</b>	143.3 lb/hr
<b>Maximum Working Pressure</b>	116.0 psi
<b>Minimum Steam Capacity (lb/hr)</b>	28.66 psi

<b>Maximum Operating Temperature</b>	104 degree
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<b>Minimum Operating Temperature</b>	33.8 degree
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## Plumbing

<b>Condensate Connection Size</b>	3/8 in
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<b>Drain Connection</b>	1.9 in
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<b>Steam Connection Size</b>	1.6 in
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<b>Volume</b>	0 gal
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<b>Water Connection Size</b>	0.75 in
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## Constraints

<b>Bottom Tank Discharge Horizontal Offset</b>	1 in
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<b>Bottom Tank Discharge Length</b>	0.625 in
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<b>Bottom Tank Discharge Radius</b>	0.6 in
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<b>Bottom Tank Discharge Vertical Offset</b>	1.93 in
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<b>Condensate Connection Horizontal Offset</b>	2.40 in
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<b>Condensate Connection Vertical Offset</b>	1.19 in
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<b>Inlet Drain Tempering Valve Horizontal Offset</b>	2.83 in
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<b>Inlet Drain Tempering Valve Length</b>	1.5 in
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<b>Inlet Drain Tempering Valve Diameter</b>	3/4 in
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<b>Inlet Drain Tempering Valve Vertical Offset</b>	32.8 in
<b>Side Connection 1 Horizontal Offset</b>	3 in
<b>Side Connection 2 Horizontal Offset</b>	4.5 in
<b>Side Connection 3 Horizontal Offset</b>	6 in
<b>Side Connection Length</b>	1 in
<b>Side Connection Radius</b>	1 in
<b>Side Connection Vertical Offset</b>	1 in
<b>Steam Outlet 1 Horizontal Offset</b>	7.13 in
<b>Steam Outlet 2 Horizontal Offset</b>	11.07 in
<b>Steam Outlet Vertical Offset</b>	6.77 in
<b>Switch Depth</b>	0.25 in
<b>Switch Height</b>	0.5 in
<b>Switch Horizontal Offset</b>	1.5 in
<b>Switch Vertical Offset</b>	1.25 in
<b>Switch Width</b>	0.65 in
<b>Water Drain Length</b>	1.625 in
<b>Water Drain Horizontal Offset</b>	1.58 in
<b>Water Drain Vertical Offset</b>	4.85 in
<b>Water Fill Length</b>	0.625 in
<b>Water Fill Horizontal Offset</b>	2.36 in
<b>Water Fill Vertical Offset</b>	9.10 in

**Steam Pressure**

0 psi

## Electrical

**Electrical Specifications**

Model	Steam Production <sup>2 4</sup> (kg/hr) (lbs/hr)	Power <sup>2</sup> (kW)	Power Supply		Current <sup>2</sup> (A)
			Code	Voltages <sup>1</sup> (V - Type)	
UE065	65/143.3	48.7	M	460 - 3~	61.19
			N	575 - 3~	48.95

<sup>(1)</sup> tolerance allowed on the rated mains voltage: -15%, +10%;

<sup>(2)</sup> tolerance on the rated values: +5%, -10% (EN 60335-1);

<sup>(3)</sup> recommended values refer to laying PVC or rubber cables in closed conduits, 20 m (65.6 feet) long; use the local standards, or whichever is more restrictive,

<sup>(4)</sup> rated max instant steam production: the average steam production may be affected by external factors, such as: ambient temperature, water quality, steam distribution system;

UE065-Electrical-Specifications