

HEATED TANK	ADVANTAGES	LIMITATIONS	ANCILLARY EQUIPMENT
Electric (electrode type)	<ul style="list-style-type: none"> ■ Compact size ■ Provides a modulated output to a variable demand signal ■ Available with cleanable or disposable tanks ■ Available with self-diagnostics ■ Typically wall-mounted 	<ul style="list-style-type: none"> ■ Water minerals precipitate out, remaining in tank ■ Cannot use extremely low conductivity water or purified water ■ Performance can be adversely affected by long steam distribution pipe runs 	<ul style="list-style-type: none"> ■ Fill cup extension kits for high back pressure applications ■ Optional tank drain water tempering device ■ Controls ■ Steam dispersion tube, steam dispersion panel for shorter non-wetting distance, or steam blower to disperse steam ■ Steam hose with clamps for steam dispersion
Electric (resistive type)	<ul style="list-style-type: none"> ■ Can use any type of fill water: tap, softened, RO/DI ■ Some provide modulated output through SCR/SSR control ■ Available with self-diagnostics ■ Can be wall, floor, or rooftop-mounted 	<ul style="list-style-type: none"> ■ Water minerals precipitate out, remaining in tank, unless using RO/DI water ■ Typically larger and heavier than electrode units 	<ul style="list-style-type: none"> ■ Optional tank drain water tempering device ■ Controls ■ Steam dispersion tube, steam dispersion panel for shorter non-wetting distance, or steam blower to disperse steam ■ Steam hose with clamps for steam dispersion ■ Roof curb for outdoor mounting
Infrared Steam Humidifiers	<ul style="list-style-type: none"> ■ Simple and compact design 	<ul style="list-style-type: none"> ■ Infrared bulbs are sensitive and fracture ■ Limited output capacity ■ Control accuracy ■ Radiant energy is converted to heat rather than evaporating water 	<ul style="list-style-type: none"> ■ N/A
Gas Fired Steam Humidifiers	<ul style="list-style-type: none"> ■ Can use any type of fill water: tap, softened, RO/DI ■ Low energy costs ■ Offers models with steam capacity greater than electric units ■ Available with self-diagnostics 	<ul style="list-style-type: none"> ■ Water minerals precipitate out, remaining in tank unless using RO/DI water ■ Limitations in placement due to venting requirement 	<ul style="list-style-type: none"> ■ Steam dispersion tube, steam dispersion panel for shorter non-wetting distance, or steam blower to disperse steam ■ Optional tank drain temperature tempering device ■ Controls ■ Sealed combustion option for dedicated combustion air ■ Roof curb for outdoor mounting

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<p>Steam-to-Steam</p>	<ul style="list-style-type: none"> ■ Available with self-diagnostics ■ Chemical-free steam ■ High-capacity units available ■ Can be floor or rooftop-mounted 	<ul style="list-style-type: none"> ■ Water minerals precipitate out, remaining in tank unless using RO/DI water ■ Condensate pump required to lift condensate discharged from the steam trap 	<ul style="list-style-type: none"> ■ Control panel, control valve, steam trap, and strainer ■ Steam dispersion tube, steam dispersion panel for shorter non-wetting distance, or blower for dispersing steam ■ Roof curb for outdoor mounting ■ Optional tank drain water tempering device
<p>Hot Water Humidifiers</p>	<ul style="list-style-type: none"> ■ Available with self-diagnostics ■ Chemical free steam ■ High-capacity units available 	<ul style="list-style-type: none"> ■ Water minerals precipitate out, remaining in tank unless using RO/DI water ■ Minimum temperature of liquid heat source is 240 degrees F 	<ul style="list-style-type: none"> ■ Controls ■ Optional tank drain water tempering device ■ Control panel, control valve, steam trap, and strainer ■ Steam dispersion tube, steam dispersion panel for shorter non-wetting distance, or blower for dispersing steam