

# SKG4 gas fired

## GAS FIRED HUMIDIFIER

The SKG4 gas fired humidifier generates mineral free, odorless, sterile steam by using the power of natural gas or propane. Cost of operation and its carbon footprint is much lower than electric humidifiers with equivalent control accuracy.

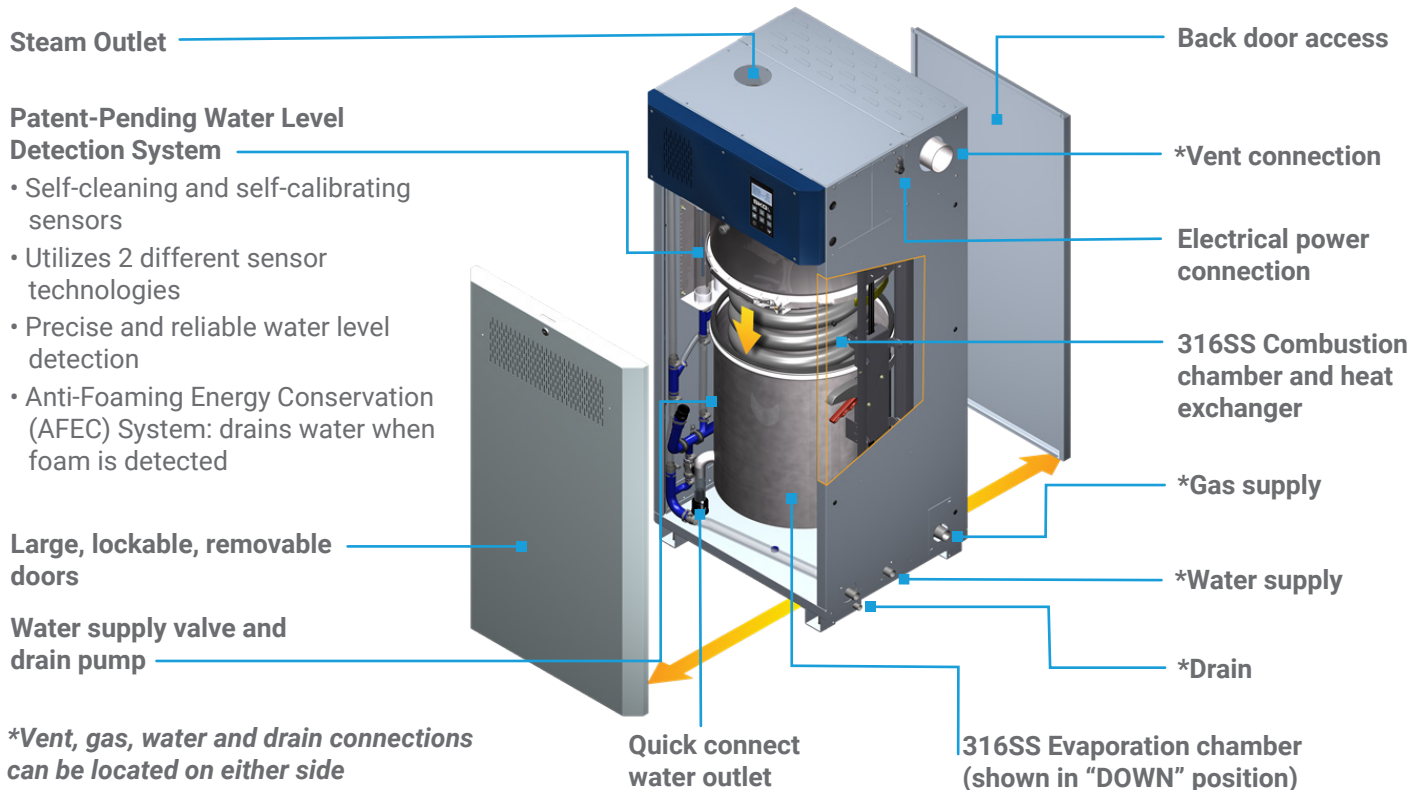


## SKG4 Advantages



- Steam capacity from 110 to 810 lbs/hr (50 to 370 kg/hr)
- Turn down ratio of 10:1 (minimum) up to 40:1 (maximum)
- Functions with Tap, RO or DI water
- Combustion efficiency: 83% to 87%
- For Multi-Steam and SAM in-duct distribution systems, refer to page 17
- Easy servicing: clean and re-install within minutes
- Smallest footprint in the industry
- Patented Anti-Foaming Energy Conservation (AFEC) System
- Advanced controller with multiple connectivity options (see page 7)
- Waste water drained below 140°F (60°C)
- Self-adjusting burner for altitude compensation

## System Overview



# Specifications

## Output and Consumption

Model	No. of Modules	Steam Capacity (lb/hr) [kg/hr]	Input Capacity (btu/hr)[kW]	Current at 120Vac (A)	Current at 208Vac (A)	Current at 240Vac (A)	No. of Outlets	Multi-Steam header diam. in [mm]
SKG4-N1101 N/P	1	110 [50]	165,000 [49]	6.0	3.5	3.0	1	3" [76]
SKG4-N1551 N/P	1	155 [70]	215,000 [63]	6.0	3.5	3.0	1	3" [76]
SKG4-N1801 N/P	1	180 [80]	240,000 [70]	6.0	3.5	3.0	1	3" [76]
SKG4-N2101 N/P	1	210 [95]	249,000 [73]	6.0	3.5	3.0	1	3" [76]
SKG4-N2652 N/P	2	265 [120]	380,000 [112]	9.0	5.2	4.5	2	4" [100]
SKG4-N3102 N/P	2	310 [140]	430,000 [126]	9.0	5.2	4.5	2	4" [100]
SKG4-N3502 N/P	2	350 [160]	464,000 [136]	9.0	5.2	4.5	2	4" [100]
SKG4-N4052 N/P	2	405 [185]	498,000 [146]	9.0	5.2	4.5	2	4" [100]
SKG4-N5053 N/P	3	505 [230]	704,000 [206]	12.0	7.0	6.0	3	5" [125]
SKG4-N5603 N/P	3	560 [255]	713,000 [209]	12.0	7.0	6.0	3	5" [125]
SKG4-N6103 N/P	3	610 [275]	747,000 [219]	12.0	7.0	6.0	3	5" [125]
SKG4-N7104 N/P	4	710 [320]	953,000 [279]	15.0	8.7	7.5	4	(2x) 4" [100]
SKG4-N7654 N/P	4	765 [345]	962,000 [282]	15.0	8.7	7.5	4	(2x) 4" [100]
SKG4-N8104 N/P	4	810 [370]	996,000 [292]	15.0	8.7	7.5	4	(2x) 4" [100]

## Outdoor Unit

- Hinged doors provide full access (serviceability) from the front, back and top of unit
- Fully insulated and constructed from heavy duty steel
- Stainless steel bottom drip pan
- Zinc primer and polyurethane powder coating for resistance against scratches and corrosion
- Built-in anti-freeze and overheat protection
- Easy installation on a roof curb, stand or slab
- Connection can be made from side or through the roof curb



## Modular Design

### Flexible Solution for Indoor/Outdoor Applications

Modular design offers flexibility and convenience; each module adds up to 210 lbs/hr (100 kg/hr) of steam capacity. With the smallest footprint in the industry, the SKG4 module can be easily installed and assembled on site when access is limited. Module assembly can be arranged in line, in an L shape, or back to back to accommodate any specific space conditions. Feed water, gas, water drain and flue connections can be located on either side of the enclosure.

