

SKG4 GAS FIRED

HUMIDITY SOLUTIONS
Independently better

GAS FIRED HUMIDIFIER

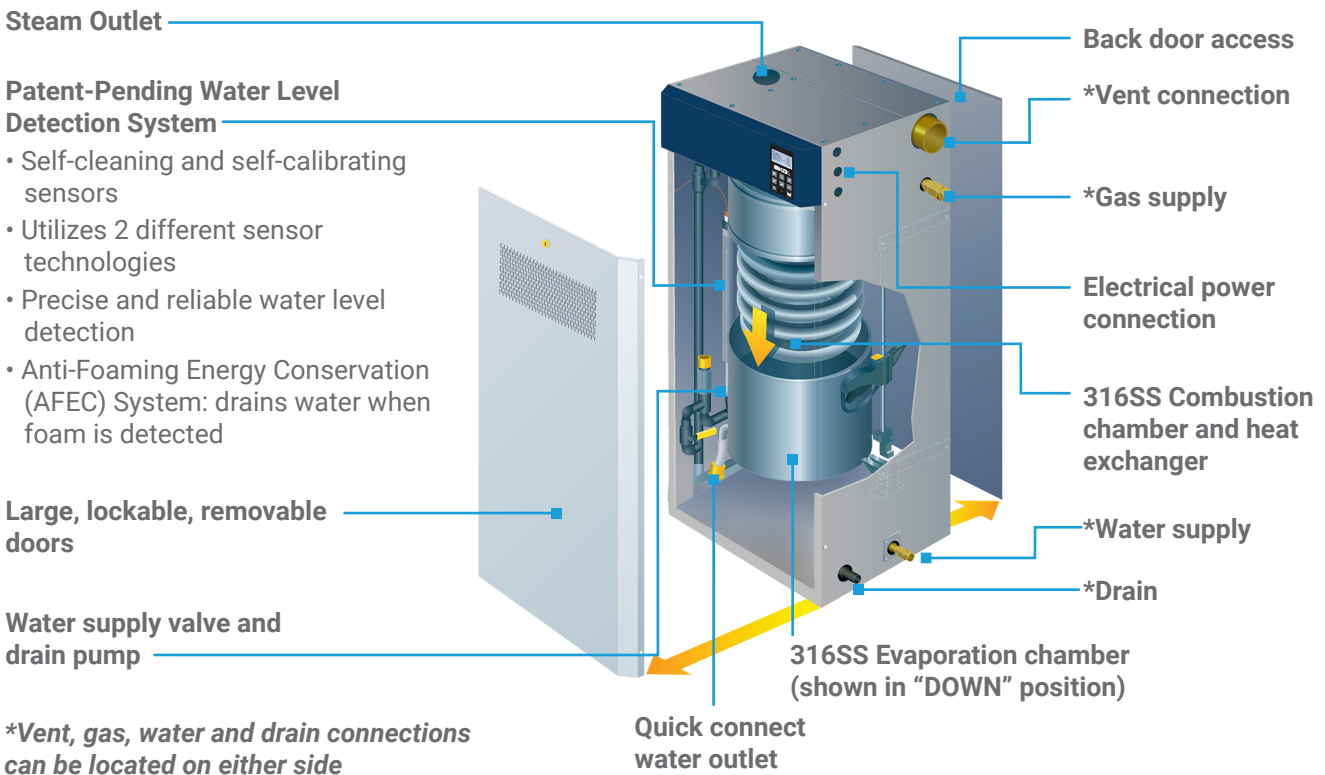
The SKG4 gas fired humidifier generates mineral free, odorless, sterile steam by using the power of natural gas or propane. Cost of operation and its carbon footprint is much lower than electric humidifiers with equivalent control accuracy.



SKG4 Advantages

- Steam capacity from 50 to 400kg/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 60°C
- Self-adjusting burner for altitude compensation

System Overview



Specifications

Output and Consumption

Model	No. of Modules	Steam Capacity (kg/hr)	Natural Gas		Propane Gas		Current at 230V (Amp)	Multi-Steam header diameter (mm)
			Input (kw)	Consumption (m ³ /h)	Input (kw)	Consumption (m ³ /h)		
SKG4-E0501 N/P	1	50	49	4.6	55	2.1	3.5	76
SKG4-E0701 N/P	1	70	62	5.8	68	2.6	3.5	76
SKG4-E0801 N/P	1	80	69	6.5	75	2.9	3.5	76
SKG4-E1001 N/P	1	100	72	6.8	79	3.0	3.5	76
SKG4-E1202 N/P	2	120	110	10.4	123	4.8	4.5	100
SKG4-E1502 N/P	2	150	123	11.6	136	5.2	4.5	100
SKG4-E1702 N/P	2	170	134	12.6	147	5.7	4.5	100
SKG4-E2002 N/P	2	200	144	13.6	158	6.1	4.5	100
SKG4-E2503 N/P	3	250	203	19.1	222	8.6	6.0	125
SKG4-E2703 N/P	3	270	206	19.4	225	8.7	6.0	125
SKG4-E3003 N/P	3	300	216	20.4	236	9.1	6.0	125
SKG4-E3504 N/P	4	350	275	25.9	301	11.6	7.5	2x 100
SKG4-E3704 N/P	4	370	278	26.2	304	11.8	7.5	2x 100
SKG4-E4004 N/P	4	400	288	27.2	315	12.2	7.5	2x 100

Outdoor Enclosure

- 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 100kg/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.

