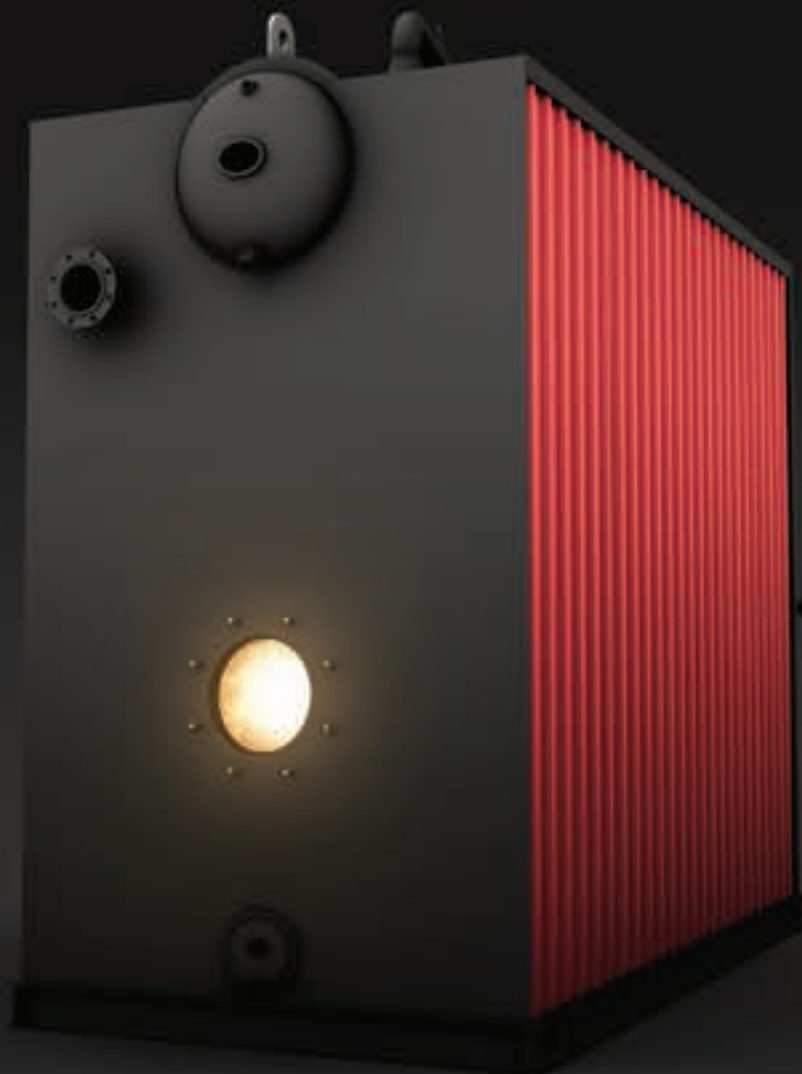


# SPARK

HIGH PRESSURE STEAM AUXILIARY BOILER WITH OPTIONAL INTEGRAL SUPERHEATER  
UP TO 650 PSIG (OTHER CAPACITIES & PRESSURES AVAILABLE UPON REQUEST)



**SIMONEAU**

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**REQUEST INFORMATION**

**T : 1 800 748 3783 / 450-641-9140**

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# SPARK WATERTUBE STEAM BOILER



# PHYSICAL DATA SHEET

## AQT WATERTUBE STEAM BOILER

MODEL 100 HP TO 1200 HP

WITH INTEGRAL ECONOMIZER

Boiler Model Number	Capacity PPH from & at 212°F	A Length	B Width	C Height	D Gas Outlet	WEIGHT (in Pounds)	
						Dry	Flooded
S-100Hie	3,450	83"	54"	110"	12" dia.	8,775	10,900
S-125Hie	4,312	89"	54"	110"	16" dia.	9,500	11,700
S-150Hie	5,175	101"	54"	110"	16" dia.	10,900	13,400
S-175Hie	6,037	110"	54"	110"	18" dia.	11,750	14,500
S-200Hie	6,900	122"	54"	110"	18" dia.	13,100	16,440
S-250Hie	8,625	119"	64"	124"	20" dia.	15,000	19,200
S-300Hie	10,350	128"	64"	124"	20" dia.	15,750	20,250
S-350Hie	12,075	140"	64"	124"	24" dia.	17,175	22,250
S-400Hie	13,800	136"	78"	138"	24" dia.	21,560	27,600
S-450Hie	15,525	142"	78"	138"	24" dia.	22,110	28,400
S-500Hie	17,250	154"	78"	138"	24" dia.	24,000	30,760
S-600Hie	20,700	158"	90"	149"	30" dia.	29,500	38,590
S-700Hie	24,150	177"	90"	149"	32" dia.	33,000	43,110
S-800Hie	27,600	195"	90"	149"	32" dia.	36,400	47,460
S-900Hie	31,050	206"	90"	149"	32" dia.	38,660	50,400
S-1000Hie	34,000	206"	108"	163"	36" dia.	52,150	68,375
S-1100Hie	37,950	215"	108"	163"	36" dia.	53,900	70,800
S-1200Hie	41,400	224"	108"	163"	36" dia.	59,175	76,800

# THE FIRESTARTER FOR POWER GENERATION

In our modern world, speed of operation is the key to success. It is why Simoneau specially designed for power plant industry an auxilliary boiler that quickly generates power on demand. Introducing Spark, a high pressure steam boiler with an integrated superheater that can reach 2000 HP up to 650 PSIG. Whenever you need maximum performance, Spark will be ready to answer your call in no time.



HIGH PRESSURE  
STEAM BOILER



OPTIONAL INTEGRAL  
SUPERHEATER



OPTIONAL INTEGRAL  
OR SEPARATE  
ECONOMIZER AVAILABLE



QUICK  
LOAD RESPONSE

## ADVANTAGES

- Quick load response
- Low total cost of ownership (TCO)
- Patented boiler
- Top casing as a platform
- Water cooled rear wall
- Generous downcomers giving a high natural water circulation and provide easier rigging
- Staggered tube arrangement for maximum heat transfer
- Balanced heat transfer preventing thermal shock
- Boiler room customized in modules available
- Low footprint and less reinforcement of the foundation
- Optional integral economizer providing efficiency up to 85% firing natural gas
- Reliable source of high-quality, dry saturated steam up to 1ppm using separation technology with appropriate steam drum size
- Boiler system components designed specifically for ease of operation
- Excellent long-term reliability ideal for industrial applications like power plants
- Unit can be customized and packaged

## COMBUSTION / CONTROL

LARGE SELECTION  
OF ADAPTABLE  
COMBUSTION SYSTEMS

FUEL CHOICE  
FLEXIBILITY

MEETS OR EXCEEDS  
NO<sub>x</sub> EMISSION STANDARDS

FULL RANGE /  
CHOICE OF CONTROLS

**SPARK STEAM BOILER NOW AVAILABLE**

Stay in the loop. Get product updates by visiting [www.groupe-simoneau.com](http://www.groupe-simoneau.com)



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POWER TO GROW

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