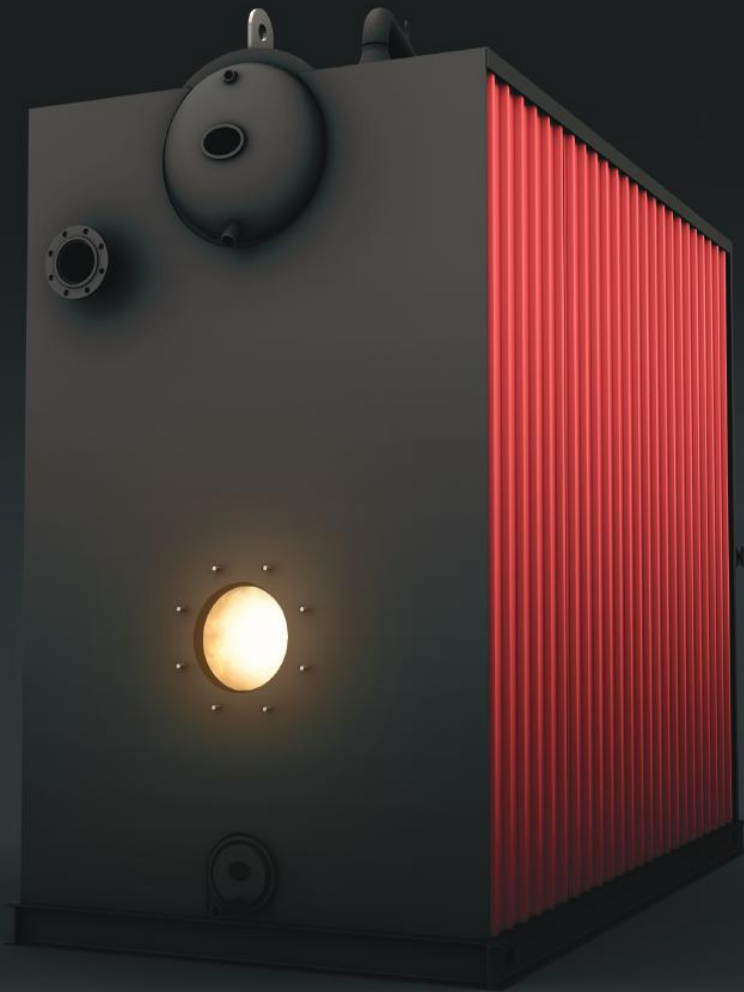


# SPARK

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



**SIMONEAU**

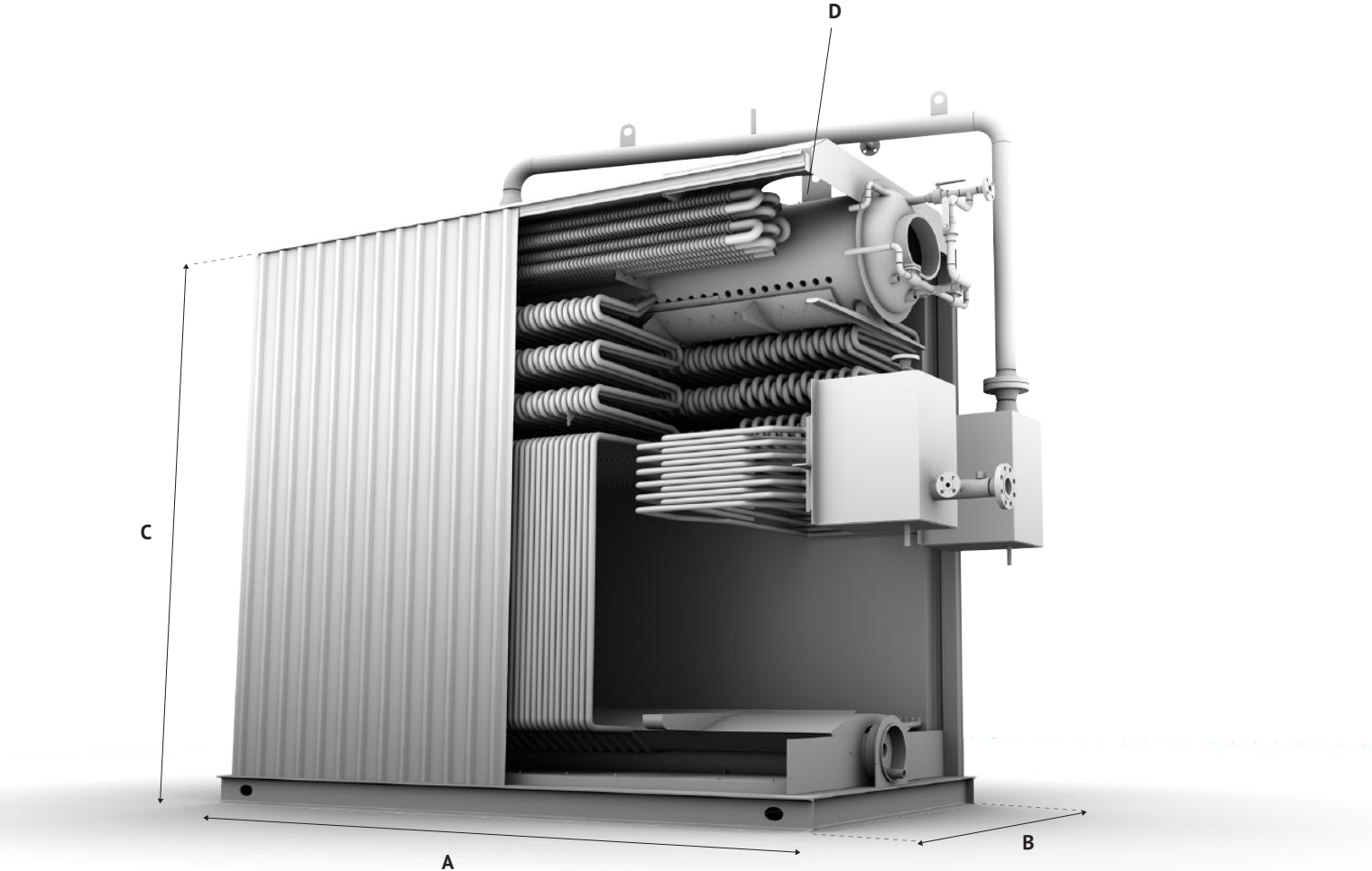
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**REQUEST INFORMATION**

**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

Boiler Model Number	Capacity PPH	A Length	B Width	C Height	D Gas Outlet	WEIGHTS (in Pounds)	
						Dry	Flooded
AQT-100	3,450	83"	54"	112"	12" dia.	7,750	9,700
AQT-125	4,300	89"	54"	112"	16" dia.	8,300	10,375
AQT-150	5,175	101'	54"	112"	16" dia.	9,500	11,900
AQT-175	6,000	110"	54"	112"	18" dia.	10,250	12,850
AQT-200	6,900	123"	54"	112"	18" dia.	11,400	14,525
AQT-250	8,625	119"	64"	123"	20" dia.	13,000	17,000
AQT-300	10,350	129"	64"	123"	20" dia.	14,000	18,250
AQT-350	12,075	140"	64"	123"	24" dia.	15,300	20,000
AQT-400	13,800	171"	78"	136"	24" dia.	19,700	25,500
AQT-450	15,525	177"	78"	136"	24" dia.	20,200	26,250
AQT-500	17,250	190"	78"	136"	24" dia.	21,800	28,350
AQT-600	20,700	158"	90"	147"	30" dia.	25,750	34,250
AQT-700	24,150	177"	90"	147"	32" dia.	28,750	38,150
AQT-800	27,600	195"	90"	147"	32" dia.	31,575	41,875
AQT-900	31,050	206"	90"	147"	32" dia.	33,500	44,400
AQT-1000	34,000	221"	108"	163"	36" dia.	47,000	62,150
AQT-1100	37,950	230"	108"	163"	36" dia.	48,500	64,275
AQT-1200	41,400	239"	108"	163"	36" dia.	53,200	69,900

# PHYSICAL DATA SHEET

## AQT WATERTUBE STEAM BOILER

MODEL 100 HP TO 1200 HP

WITH INTEGRAL ECONOMIZER

Boiler Model Number	Capacity PPH	A Length	B Width	C Height	D Gas Outlet	WEIGHTS (in Pounds)	
						Dry	Flooded
AQT-100Hie	3,450	83"	54"	112"	12" dia.	8,775	10,900
AQT-125Hie	4,312	89"	54"	112"	16" dia.	9,500	11,700
AQT-150Hie	5,175	101'	54"	112"	16" dia.	10,900	13,400
AQT-175Hie	6,037	110"	54"	112"	18" dia.	11,750	14,500
AQT-200Hie	6,900	122"	54"	112"	18" dia.	13,100	16,440
AQT-250Hie	8,625	119"	64"	123"	20" dia.	15,000	19,200
AQT-300Hie	10,350	128"	64"	123"	20" dia.	15,750	20,250
AQT-350Hie	12,075	140"	64"	123"	24" dia.	17,175	22,250
AQT-400Hie	13,800	171"	78"	136"	24" dia.	21,560	27,600
AQT-450Hie	15,525	177"	78"	136"	24" dia.	22,110	28,400
AQT-500Hie	17,250	189"	78"	136"	24" dia.	24,000	30,760
AQT-600Hie	20,700	158"	90"	147"	30" dia.	29,500	38,590
AQT-700Hie	24,150	177"	90"	147"	32" dia.	33,000	43,110
AQT-800Hie	27,600	195"	90"	147"	32" dia.	36,400	47,460
AQT-900Hie	31,050	206"	90"	147"	32" dia.	38,660	50,400
AQT-1000Hie	34,000	221"	108"	163"	36" dia.	52,150	68,375
AQT-1100Hie	37,950	230"	108"	163"	36" dia.	53,900	70,800
AQT-1200Hie	41,400	239"	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. Whenever you need maximum performance, Spark will be ready to answer your call in no time.



HIGH PRESSURE  
STEAM BOILER



OPTIONAL INTEGRATED  
SUPERHEATER



OPTIONAL INTEGRATED  
OR SEPARATE  
ECONOMIZER AVAILABLE



QUICK  
LOAD RESPONSE

## ADVANTAGES

- Boiler room customized in modules available
- 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
- Low footprint and less reinforcement of the foundation
- Optional Integrated 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 AQT STEAM BOILER NOW AVAILABLE**

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POWER TO GROW