

Certificate of Product Ratings

AHRI Certified Reference Number: 10156321

Date: 3/2/2017

†Status: Active

Product: Commercial Boiler Heating Equipment

Model Number: SC-650

Manufacturer: HARSCO INDUSTRIAL, PATTERSON-KELLEY

Trade/Brand name: P-K SONIC

Series Name: SONIC

Rated as follows in accordance with Department of Energy (DOE) Boiler test procedures as published in the latest edition of the Code of Federal Regulations, 10 CFR Part 431 and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Combustion Efficiency:	95.7 %
Thermal Efficiency:	94.1 %

The following data is for reference only and is not certified by AHRI:

Material:	Stainless Steel
Location:	Indoor
Fuel Type:	Natural Gas
Input:	650 MBTUH
Gross Output:	612 MBTUH
Ignition Type:	Intermittent/Electronic Ignition
Heating Medium:	Water
Draft Type:	Forced Draft
CO2:	8.7

* Ratings followed by an asterisk (*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

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CERTIFICATE NO.: 131329607139441848

Certificate of Product Ratings

AHRI Certified Reference Number: 10156322

Date: 3/2/2017

†Status: Active

Product: Commercial Boiler Heating Equipment

Model Number: SC-750

Manufacturer: HARSCO INDUSTRIAL, PATTERSON-KELLEY

Trade/Brand name: P-K SONIC

Series Name: SONIC

Rated as follows in accordance with Department of Energy (DOE) Boiler test procedures as published in the latest edition of the Code of Federal Regulations, 10 CFR Part 431 and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Combustion Efficiency:	95.4 %
Thermal Efficiency:	94.1 %

The following data is for reference only and is not certified by AHRI:

Material:	Stainless Steel
Location:	Indoor
Fuel Type:	Natural Gas
Input:	750 MBTUH
Gross Output:	706 MBTUH
Ignition Type:	Intermittent/Electronic Ignition
Heating Medium:	Water
Draft Type:	Forced Draft
CO2:	8.7

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CERTIFICATE NO.: 131329607214633848

Certificate of Product Ratings

AHRI Certified Reference Number: 10156323

Date: 3/2/2017

†Status: Active

Product: Commercial Boiler Heating Equipment

Model Number: SC-850

Manufacturer: HARSCO INDUSTRIAL, PATTERSON-KELLEY

Trade/Brand name: P-K SONIC

Series Name: SONIC

Rated as follows in accordance with Department of Energy (DOE) Boiler test procedures as published in the latest edition of the Code of Federal Regulations, 10 CFR Part 431 and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Combustion Efficiency:	95.5 %
Thermal Efficiency:	94.1 %

The following data is for reference only and is not certified by AHRI:

Material:	Stainless Steel
Location:	Indoor
Fuel Type:	Natural Gas
Input:	850 MBTUH
Gross Output:	800 MBTUH
Ignition Type:	Intermittent/Electronic Ignition
Heating Medium:	Water
Draft Type:	Forced Draft
CO2:	8.7

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CERTIFICATE NO.: 131329607281245848

Certificate of Product Ratings

AHRI Certified Reference Number: 10156324

Date: 3/2/2017

†Status: Active

Product: Commercial Boiler Heating Equipment

Model Number: SC-1000

Manufacturer: HARSCO INDUSTRIAL, PATTERSON-KELLEY

Trade/Brand name: P-K SONIC

Series Name: SONIC

Rated as follows in accordance with Department of Energy (DOE) Boiler test procedures as published in the latest edition of the Code of Federal Regulations, 10 CFR Part 431 and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Combustion Efficiency:	94.7 %
Thermal Efficiency:	92.3 %

The following data is for reference only and is not certified by AHRI:

Material:	Stainless Steel
Location:	Indoor
Fuel Type:	Natural Gas
Input:	1000 MBTUH
Gross Output:	923 MBTUH
Ignition Type:	Intermittent/Electronic Ignition
Heating Medium:	Water
Draft Type:	Forced Draft
CO2:	8.7

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CERTIFICATE NO.: 131329607367825848

Certificate of Product Ratings

AHRI Certified Reference Number: 8279168

Date: 9/23/2015

†Status: Active

Product: Commercial Boiler Heating Equipment

Model Number: SC-1500

Manufacturer: HARSCO INDUSTRIAL, PATTERSON-KELLEY

Trade/Brand name: P-K SONIC

Rated as follows in accordance with Department of Energy (DOE) Boiler test procedures as published in the latest edition of the Code of Federal Regulations, 10 CFR Part 431 and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Combustion Efficiency: 97.1 %

Thermal Efficiency: 97.1 %

The following data is for reference only and is not certified by AHRI:

Material: Stainless Steel

Location: Indoor

Fuel Type: Natural Gas

Input: 1500 MBTUH

Gross Output: 1456 MBTUH

Ignition Type: Intermittent/Electronic Ignition

Heating Medium: Water

Draft Type: Forced Draft

CO₂: 9.0

Net Ratings - Water: 1266.00 MBTUH

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CERTIFICATE NO.: 130875092542010040

Certificate of Product Ratings

AHRI Certified Reference Number: 8215376

Date: 5/14/2015

†Status: Active

Product: Commercial Boiler Heating Equipment

Model Number: SC-2000

Manufacturer: HARSCO INDUSTRIAL, PATTERSON-KELLEY

Trade/Brand name: P-K SONIC

Rated as follows in accordance with Department of Energy (DOE) Boiler test procedures as published in the latest edition of the Code of Federal Regulations, 10 CFR Part 431 and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Combustion Efficiency: 96.4 %

Thermal Efficiency: 96.4 %

The following data is for reference only and is not certified by AHRI:

Material: Stainless Steel

Location: Indoor

Fuel Type: Natural Gas

Input: 2000.0 MBTUH

Gross Output: 1928 MBTUH

Ignition Type: Intermittent/Electronic Ignition

Heating Medium: Water

Draft Type: Forced Draft

CO₂: 9.0

Net Ratings - Water: 1677.00 MBTUH

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CERTIFICATE NO.: 130760917950587860

Certificate of Product Ratings

AHRI Certified Reference Number: 7036707

Date: 1/19/2015

†Status: Active

Product: Commercial Boiler Heating Equipment

Model Number: SC-3000

Manufacturer: HARSCO INDUSTRIAL, PATTERSON-KELLEY

Trade/Brand name: P-K SONIC

Rated as follows in accordance with Department of Energy (DOE) Boiler test procedures as published in the latest edition of the Code of Federal Regulations, 10 CFR Part 431 and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Combustion Efficiency: 97.3 %

Thermal Efficiency: 96.9 %

The following data is for reference only and is not certified by AHRI:

Material: Stainless Steel

Location: Indoor

Fuel Type: Natural Gas

Input: 3000.0 MBTUH

Gross Output: 2907 MBTUH

Ignition Type: Intermittent/Electronic Ignition

Draft Type: Forced Draft

CO2: 9.0

Net Ratings - Water: 2528.00 MBTUH

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CERTIFICATE NO.: 130661752102669058

Certificate of Product Ratings

AHRI Certified Reference Number: 7160750

Date: 1/19/2015

†Status: Active

Product: Commercial Boiler Heating Equipment

Model Number: SC-4000

Manufacturer: HARSCO INDUSTRIAL, PATTERSON-KELLEY

Trade/Brand name: P-K SONIC

Rated as follows in accordance with Department of Energy (DOE) Boiler test procedures as published in the latest edition of the Code of Federal Regulations, 10 CFR Part 431 and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Combustion Efficiency: 96.2 %

Thermal Efficiency: 96.0 %

The following data is for reference only and is not certified by AHRI:

Material: Stainless Steel

Location: Indoor

Fuel Type: Natural Gas

Input: 4000.0 MBTUH

Gross Output: 3840 MBTUH

Ignition Type: Intermittent/Electronic Ignition

Draft Type: Forced Draft

CO2: 9.2

Net Ratings - Water: 3339.00 MBTUH

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