

# 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

\* 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.: 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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