As filed with the Securities and Exchange Commission on August 15, 2005.

Registration No. 333-

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM S-8

REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

Lennox International Inc.

(Exact name of Registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

42-0991521 (I.R.S. Employer Identification Number)

2140 Lake Park Blvd., Richardson, Texas 75080 (Address of principal executive offices, including zip code)

Amended and Restated 1998 Incentive Plan of Lennox International Inc.

(Full Title of the Plan)

William F. Stoll, Jr. Executive Vice President, Chief Legal Officer and Secretary Lennox International Inc. 2140 Lake Park Blvd. Richardson, Texas 75080 (Name and address of agent for service)

(972) 497-5000 (Telephone number, including area code, of agent for service)

Copy to:

Douglass M. Rayburn Baker Botts L.L.P. 2001 Ross Avenue Dallas, Texas 75201 (214) 953-6500

CALCULATION OF REGISTRATION FEE

Title of securities	Amount to be registered (1)(2)	Proposed maximum offering price per	Proposed maximum aggregate offering	Amount of
to be registered Common Stock, par value \$0.01 per share	9,613,071 shares	\$23.895	price (2) \$229,704,331.55	segistration fee \$27,036.20

(1) Each share of Common Stock issued by the Registrant has one associated non-detachable right to purchase one one-hundredth of a share of Series A Junior Participating Preferred Stock.

(2) Represents the maximum number of additional shares that may be issued under the 1998 Incentive Plan of Lennox International Inc., as amended and restated on February 25, 2005 and approved by the Registrant's stockholders on April 15, 2005. Pursuant to Rule 416 under the Securities Act of 1933, as amended (the "Securities Act"), shares that may be issuable upon any stock split, stock dividend or similar transaction with respect to these shares are also being registered hereunder.

(3) Estimated solely for the purpose of calculating the registration fee in accordance with Rule 457(c) and (h) under the Securities Act based on the average of the high and low prices of the Registrant's Common Stock as reported on the New York Stock Exchange on August 9, 2005.

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EXPLANATORY NOTE

This Registration Statement is being filed, in accordance with General Instruction E to Form S-8, solely to register the issuance of up to 9,613,071 additional shares of common stock, par value \$0.01 per share, of Lennox International Inc., consisting of 6,000,000 shares authorized pursuant to amendments to our 1998 Incentive Plan, as amended and restated on February 25, 2005 and approved by our stockholders on April 15, 2005 (the "Plan"), and 3,613,071 shares subject to stock options granted prior to our initial public offering. We previously filed Registration Statements on Form S-8 with the Securities and Exchange Commission (the "Commission") on July 29, 1999 (File No. 333-83961), December 18, 2000 (File No. 333-52046) and June 25, 2002 (File No. 333-91130) covering 4,603,500, 2,938,135 and 7,100,000 shares of our Common Stock authorized for issuance, respectively, under the Plan (collectively, the "Prior Registration Statements"). Except as supplemented by the information set forth below, the contents of the Prior Registration Statements are incorporated herein by reference.

PART II

Item 3. Incorporation of Documents by Reference.

We incorporate by reference the following documents filed by us with the Commission:

(1) our Annual Report on Form 10-K for the fiscal year ended December 31, 2004, filed on March 16, 2005;

(2) our Quarterly Reports on Form 10-Q for the periods ended March 31, 2005 and June 30, 2005, filed on May 9, 2005 and August 9, 2005, respectively;

(3) our Current Reports on Form 8-K filed on February 1, 2005, February 28, 2005, April 6, 2005, April 7, 2005, April 25, 2005, June 3, 2005, June 8, 2005 and July 12, 2005; and

(4) the description of our common stock on Form 8-A, filed on July 12, 1999.

All documents filed by us with the Commission pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Securities Exchange Act of 1934, as amended, subsequent to the date of this Registration Statement and prior to the filing of a post-effective amendment to this Registration Statement that indicates that all securities offered hereby have been sold or that deregisters all securities then remaining unsold, shall be deemed to be incorporated in this Registration Statement by reference and to be a part hereof from the date of filing of such documents.

Any statement contained in this Registration Statement, in an amendment hereto or in a document incorporated by reference herein shall be deemed modified or superseded for purposes of this Registration Statement to the extent that a statement contained herein, in any subsequently filed supplement to this Registration Statement or any document that is also incorporated by reference herein modifies or supersedes such statement. Any statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement.

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Item 8. Exhibits.

- *4.1 Restated Certificate of Incorporation of Lennox International Inc. ("LII") (incorporated herein by reference to Exhibit 3.1 to LII's Registration Statement on Form S-1 (Registration No. 333-75725)).
- *4.2 Amended and Restated Bylaws of LII (incorporated herein by reference to Exhibit 3.2 to LII's Form 8-K dated February 28, 2005).
- *4.3 Specimen stock certificate for the Common Stock, par value \$0.01 per share, of LII (incorporated herein by reference to Exhibit 4.1 to LII's Registration Statement on Form S-1 (Registration No. 333-75725)).
- *4.4 Amended and Restated 1998 Incentive Plan of LII (incorporated herein by reference to Exhibit 10.1 to LII's Quarterly Report on Form 10-Q for the three months ended March 31, 2005).
- 5.1 Opinion of Baker Botts L.L.P. (filed herewith).
- 23.1 Consent of KPMG LLP (filed herewith).
- 23.2 Consent of Baker Botts L.L.P. (included in Exhibit 5.1).
- 24.1 Power of Attorney (included on the signature page to this Registration Statement).
- * Incorporated herein by reference as indicated.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing this Registration Statement on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Richardson, State of Texas, on this 15th day of August, 2005.

LENNOX INTERNATIONAL INC.

By: /s/ Robert E. Schjerven

Robert E. Schjerven

Chief Executive Officer

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that each of the undersigned directors and officers of Lennox International Inc., a Delaware corporation, which is filing a Registration Statement on Form S-8 with the Securities and Exchange Commission under the provisions of the Securities Act of 1933, hereby constitutes and appoints Robert E. Schjerven, Susan K. Carter and William F. Stoll, Jr., and each of them, his true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution, for him and in his name, place and stead, and in any and all capacities, to sign and file any and all amendments to this Registration Statement on Form S-8, with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, it being understood that said attorneys-in-fact and agents, and each of them, shall have full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as he might or could do in person, and that each of the undersigned hereby ratifies and confirms all that said attorneys-in-fact as agents or any of them, or their substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed by the following persons in the capacities and on the date indicated.

Signature	Title	Date
/s/ Robert E. Schjerven	Chief Executive Officer and Director	July 15, 2005
Robert E. Schjerven	(Principal Executive Officer)	
/s/ Susan K. Carter	Executive Vice President, Chief	July 15, 2005
Susan K. Carter	Financial Officer and Treasurer	
	(Principal Financial Officer)	
/s/ David L. Inman	Vice President, Controller and	July 15, 2005
David L. Inman	Chief Accounting Officer	
	(Principal Accounting Officer)	
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Signature	Title	Date
/s/ John W. Norris, Jr.	Chairman of the Board of Directors	July 15, 2005
John W. Norris, Jr.		
/s/ Linda G. Alvarado	Director	July 15, 2005
Linda G. Alvarado		
/s/ Steven R. Booth	Director	July 15, 2005
Steven R. Booth		
/s/ Thomas W. Booth	Director	July 15, 2005
Thomas W. Booth		
/s/ David V. Brown	Director	July 15, 2005
David V. Brown		
/s/ James J. Byrne	Director	July 15, 2005
James J. Byrne		
/s/ Janet K. Cooper	Director	July 15, 2005
Janet K. Cooper		
/s/ C.L. Henry	Director	July 15, 2005
C.L. (Jerry) Henry		
/s/ John E. Major	Director	July 15, 2005
John E. Major		
/s/ John W. Norris III	Director	July 15, 2005
John W. Norris III		
/s/ Walden W. O'Dell	Director	July 15, 2005
Walden W. O'Dell		
/s/ Paul W. Schmidt	Director	July 15, 2005
Paul W. Schmidt		
/s/ Terry D. Stinson	Director	July 15, 2005
Terry D. Stinson		
/s/ Richard L. Thompson	Director	July 15, 2005
Richard L. Thompson		
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5.1	—	Opinion of Baker Botts L.L.P. (filed herewith).
23.1	—	Consent of KPMG LLP (filed herewith).
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24.1	—	Power of Attorney (included on the signature page to this Registration Statement).

* Incorporated herein by reference as indicated.

Exhibit 5.1

BAKER BOTTS L.L.P.

2001 ROSS AVENUE DALLAS, TEXAS 75201-2980 214.953.6500 FAX 214.953.6503 AUSTIN BAKU DALLAS DUBAI HONG KONG HOUSTON LONDON MOSCOW NEW YORK RIYADH WASHINGTON

August 15, 2005

Lennox International Inc. 2140 Lake Park Blvd. Richardson, Texas 75080

Ladies and Gentlemen:

As set forth in the Registration Statement on Form S-8 (the "Registration Statement") to be filed by Lennox International Inc., a Delaware corporation (the "Company"), with the Securities and Exchange Commission under the Securities Act of 1933, as amended (the "Securities Act"), relating to 9,613,071 additional shares (the "Shares") of the common stock, par value \$0.01 per share ("Common Stock"), of the Company, that may be issued pursuant to the 1998 Incentive Plan of the Company, as amended and restated (the "Plan"), certain legal matters in connection with the Shares are being passed upon for the Company by us. At your request, this opinion is being furnished to you for filing as Exhibit 5 to the Registration Statement.

In our capacity as counsel to the Company in the connection referenced above, we have examined the Company's Restated Certificate of Incorporation and Amended and Restated Bylaws, each as amended to date, the Plan and originals, or copies certified or otherwise identified, of corporate records of the Company, including minute books of the Company as furnished to us by the Company, certificates of public officials and of representatives of the Company, statutes and other instruments and documents as a basis for the opinions hereinafter expressed.

We have assumed that all signatures on all documents examined by us are genuine, that all documents submitted to us as originals are authentic, that all documents submitted to us as copies are true and correct copies of the originals thereof and that all information submitted to us was accurate and complete.

Based upon our examination as aforesaid, and subject to the assumptions, qualifications, limitations and exceptions herein set forth, we are of the opinion that:

1. The Company is a corporation duly incorporated and validly existing in good standing under the laws of the State of Delaware.

2. When issued and sold from time to time in accordance with the provisions of the Plan (and any applicable agreements pertaining to awards granted or to be granted under the Plan) pursuant to awards granted by, and for consideration fixed by, the Committee of the Board of Directors of the Company charged with administering the Plan, the Shares will be duly authorized by all necessary corporate action on the part of the Company, validly issued, fully paid and nonassessable.

The opinions set forth above are limited to the General Corporation Law of the State of Delaware and federal laws of the United States, and no opinion is expressed herein as to matters governed by the law of any other jurisdiction.

We hereby consent to the filing of this opinion as an exhibit to the Registration Statement. In giving this consent, we do not hereby admit that we are in the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations of the Commission thereunder.

Very truly yours,

/s/ Baker Botts L.L.P.

Consent of Independent Registered Public Accounting Firm

We hereby consent to the incorporation by reference in this Registration Statement on Form S-8 of Lennox International Inc. (the "Company") of our reports dated March 15, 2005, with respect to the consolidated financial statements and the related financial statement schedule and management's assessment of the effectiveness of internal control over financial reporting, as of December 31, 2004 and the effectiveness of internal control over financial reporting as of December 31, 2004, which reports are included in the Company's Annual Report on Form 10-K for the year ended December 31, 2004.

/s/ KPMG LLP

Dallas, Texas August 15, 2005