

SECURITIES AND EXCHANGE COMMISSION

FORM 3

Filing Date: **2013-01-10** | Period of Report: **2013-01-01**
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REPORTING OWNER

Ding Wei

CIK: **1566652**

Type: **3** | Act: **34** | File No.: **001-00475** | Film No.: **13522227**

Mailing Address

A.O. SMITH (CHINA)
INVESTMENT CO., LTD.
336 YAO XIN AVENUE,
NANJING ECONOMIC
NANJING F4 210038

ISSUER

SMITH A O CORP

CIK: **91142** | IRS No.: **390619790** | State of Incorporation: **DE** | Fiscal Year End: **1231**

SIC: **3630** Household appliances

Mailing Address

11270 WEST PARK PLACE
MILWAUKEE WI 53224

Business Address

11270 WEST PARK PLACE
MILWAUKEE WI 53224
4143594000

FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL	
OMB Number:	3235-0104
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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section
17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the
Investment Company Act of 1940

1. Name and Address of Reporting Person <u>Ding Wei</u> (Last) (First) (Middle) A. O. SMITH (CHINA) WATER HEATER CO. LTD, 336 YAO XIN AVENUE (Street) NANJING, F3 210038 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/ Year) 01/01/2013	3. Issuer Name and Ticker or Trading Symbol <u>SMITH A O CORP [AOS]</u> 4. Relationship of Reporting Person(s) to Issuer (Check all applicable) ___ Director ___ 10% Owner <input checked="" type="checkbox"/> Officer (give title below) ___ Other (specify below) President and GM, AOSCWHC	5. If Amendment, Date Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check applicable line) <input checked="" type="checkbox"/> Form Filed by One Reporting Person ___ Form Filed by More than One Reporting Person
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Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/ Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Restricted Stock Units	(1)	(1)	Common Stock	1,900	\$ 0	D	
Employee Stock Options (Right to Buy)	(2)	(2)	Common Stock	4,350	\$ 0	D	

Explanation of Responses:

1. Restricted stock units were granted under the A. O. Smith Combined Incentive Compensation Plan, a transaction exempt under Rule 16b-3: 600 restricted stock units were granted on 02/08/2010; 500 restricted stock units were granted on 02/07/2011; and 800 restricted stock units were granted on 02/13/2012. The restricted stock units become payable in Common Stock on the vesting date, which is three years after the grant date.
2. Employee stock options were granted under the A. O. Smith Combined Incentive Compensation Plan, a transaction exempt under Rule 16b-3: 1,650 employee stock options were granted on 02/08/2010 and became exercisable in three annual installments of 1/3 of the award starting on 02/08/2011. Of the 1,650 options granted 1,100 options have been exercised and 550 options remain; 1,400 employee stock options were granted on 02/07/2011 and became exercisable in three annual installments of 1/3 of the award starting on 02/07/2012; 2,400 employee stock options were granted on 02/13/2012 and become exercisable in three annual installments of 1/3 of the award starting on 02/13/2013. All employee stock options expire ten years after the date of the award.

Signatures

James F. Stern, Attorney-in-Fact for Wei Ding

** Signature of Reporting Person

01/10/2013

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

