

January 2012

## SANUVOX SANUVOX R+ IN-DUCT UV AIR PURIFICATION SYSTEM



**SPECIAL \$395!**

The Sanuvox R+ represents an evolution in UV In-Duct Air Treatment. The high-efficiency patented design destroys airborne bio-chemical contaminants while providing important user information on the 3" Back-Lit LCD display.

Installed into the return or supply plenum, the proprietary process maximizes dwell time between the air and UV energy. With the ability to treat homes up to 4,000 sq.ft., the Sanuvox R+ represents the very best in UV Air Purification.

Contaminated air enters the UV Air Purifier parallel to the UV Lamp increasing contact time with the UV energy

The Tubulator spins and mixes the air around the UV 'J' Lamp

The UVV Oxidizing section of the Lamp first destroys chemicals & odors

The UVC Germicidal section of the Lamp then destroys the biological contaminants

The Aluminum Reflector Chamber directs the UV energy for optimal purification

The treated air then circulates through the home



**FEATURES:**

- Whole home system designed to destroy viruses, bacteria, mold, chemicals, odors, allergens & VOCs
- Patented process incl. High-Intensity UV 'J' Lamp (18" arc length), Turbulator and Reflecting Chamber mounted parallel to the airflow
- 16,479 microwatts per/cm<sup>2</sup> of average UV Intensity inside UV Reflecting Chamber
- Most advanced air treatment system available
- Intelligent ballast automatically switches from 110V to 240V
- Microprocessor controlled for automatic operation
- UV Chamber rotates 360° for up or down-flow systems
- Fiber board kit included
- 3 year warranty including UV Lamp
- CSA C/UC Certified & CE Approved

**3" LCD Back-Lit Display provides:**

- Real-Time system status
- 'Days Left' until Lamp replacement (3 years)
- Countdown purifier animation
- 'Lamp Out' & 'Ballast Out' visual alarms
- 'Contractor Call-Back' indicator

## 327-1 Kit with Printer

(Item #843479977)

Testo 327-1 flue gas analyser, rechargeable battery and calibration protocol

The testo 327-1 is your introductory instrument to flue gas analysis. It measures combustion efficiency, °C, °F, O<sub>2</sub>, CO<sub>2</sub>, CO and flue draft. The backlit LED four-line display guarantees an easy-to-read display even in low-light conditions. The analyzer has an intuitive menu navigation and durable ergonomic display for long-term comfortable use.

- Intuitive menu navigation
- Four-line segment display
- LED backlit display
- Easy IR printout
- Built-in condensate trap
- Small Li-ion rechargeable battery (1200 mA, lifetime of 5 hr) can be recharged inside or outside instrument
- Fast probe connection using single probe plug
- Ambient CO measurement using flue gas probe
- O<sub>2</sub> dual wall measurement (can be stored)
- Separate AT temperature measurement
- Undiluted CO measurement (can be stored)
- Draft measurement
- 8 fuels
- IP 40



**SPECIAL \$1,150!**

**SIoux CITY, IA**

300W. 7th St. (51103)  
712-255-7637  
800-352-4618

**COUNCIL BLUFFS, IA**

3326 Nebraska Ave. (51501)  
712-322-8824  
800-432-9232

**SIoux FALLS, SD**

2720 W 9th St. (57104)  
605-336-9744  
800-952-3599

**RAPID CITY, SD**

1331 E. St. Joseph St. (57701)  
605-737-5600  
877-679-5600

**OMAHA, NE**

10821 I' St. (68137)  
402-592-3370  
800-338-5414

**LINCOLN, NE**

1900 Cornhusker Hwy. (68521)  
402-476-0770  
800-742-7642

**GRAND ISLAND, NE**

800 S. Lincoln St. (68801)  
308-381-4515  
800-343-6035

**SCOTT'SBLUFF, NE**

1401 West 27th St. (69361)  
308-635-7729  
800-533-9474

**CASPER, WY**

408 Industrial Ave. (82601)  
307-237-1550  
800-446-4720

**DES MOINES, IA**

319 New York Ave. (50313)  
515-244-1105  
877-336-6471

**AMES, IA**

2711 Ford Street (50010)  
515-233-3339  
800-993-3391

**URBANDALE, IA**

3155 99th Street (50322)  
515-279-9378  
800-932-9191

**WATERLOO, IA**

721 Ansbrough Ave. (50701)  
319-291-2061  
800-772-2963

Proudly Made  
in America



# 2012 WINTER SPECIAL














Special ends 1-31, 2012



## DIRECT REPLACEMENT FURNACE CONTROLS FOR Carrier • Goodman • Lennox York • Rheem • Johnson Controls

Purchase 6, mix or match, and receive an additional 5% discount!

Price

- |  |   |                            |
|--|---|----------------------------|
|    | <b>ICM271: Solid state control for the replacement market</b><br>Replaces Carrier: 302075-3, CES0110017/18, HH84AA010/011/012/013/020 P771-7002<br>Robertshaw: 695-100  | <b>\$39.<sup>50</sup></b>  |
|    | <b>ICM275: A new generation control for the replacement market</b><br>Replaces Carrier: CES0110019, HH84AA001/003/005, HH84AA009/014/015/021<br>Robertshaw: 695-101   | <b>\$40.<sup>40</sup></b>  |
|    | <b>ICM280: Low cost, direct replacement furnace control board</b><br>Replaces Goodman: B18099-06/08/10/13/13S, Texas Instruments: 41F-5, UTEC: 1012-933D<br>White Rodgers: 50T35-730/743  | <b>\$67.<sup>20</sup></b>  |
|    | <b>ICM281: Low cost, direct replacement furnace control board</b><br>Replaces Carrier: CES0110057-00, CES0110057-01, CES0110057-02  | <b>\$76.<sup>28</sup></b>  |
|   | <b>ICM282A: Low cost, direct replacement furnace control board</b><br>Replaces Carrier: HK42FZ004, HK42FZ007, HK42FZ008, HK42FZ009, HK42FZ011, HK42FZ013, HK42FZ016, 325878-751   | <b>\$122.<sup>99</sup></b> |
|  | <b>ICM283: Hot Surface Ignition (HSI) Module</b><br>Replaces Honeywell: S8910U-1000, Robertshaw: H5780, White Rodgers: 50E47, 50F47   | <b>\$92.<sup>46</sup></b>  |
|  | <b>ICM289: Low cost, direct replacement board for Lennox</b><br>Replaces Lennox: 48K98, 45K48, 68H08, 65K29, G20, G23, G26, 023, 0F23, 0HR, BCC1, BCC2, BCC3  | <b>\$102.<sup>19</sup></b> |
|  | <b>ICM290A: Universal Intermittent Pilot Gas Ignition Control</b><br>Replaces Honeywell S8610U (and compatible Camstat, Fenwal, HSC, Penn-Johnson, Robertshaw and White Rodgers models)   | <b>\$94.<sup>73</sup></b>  |
|  | <b>ICM291: Universal Intermittent Pilot Gas Ignition Control</b><br>Replaces Carrier: LH33WP003/3A  | <b>\$103.<sup>87</sup></b> |
|  | <b>ICM292: Gas Ignition Control Board</b><br>Replaces Rheem: 62-24140-04  | <b>\$128.<sup>65</sup></b> |
|  | <b>ICM293: Gas Ignition Control Board</b><br>Replaces Lennox: 30W33 ignition control, Robertshaw: 735L (18G91) or 745 (95H04) ignition controls<br>Johnson Controls: G776 (63K2401, 41K8701, 69J3601) ignition controls   | <b>\$134.<sup>75</sup></b> |
|  | <b>ICM2804: Furnace Control Module</b><br>Replaces Carrier: CES0110074-00 and CES0110074-01<br>Note: This board functions identically as the CES0110074-00 and the CES0110074-01. It is a replacement of the CES0110074-01. When replacing the CES0110074-00 some quick connectors have to be changed or added. EAC-1 and EAC-2 must have 1/4" connectors. COM, SEC-1 and SEC-2 must have 3/16" connectors. | <b>\$77.<sup>42</sup></b>  |
|  | <b>ICM2805A: Furnace Control Module</b><br>Replaces Nordyne 903106-Kit (for use with G3, G4, G5, G6, M2 and M3 furnace modules)   | <b>\$80.<sup>36</sup></b>  |

## 2012 ICM CONTROLS RANK AND CROSS REFERENCE

### Heating & Gas Ignition Controls

### Defrost Boards



ICM271C

ICM282A

ICM289



ICM300C

ICM304C

ICM302C

Rank	Model	Replaces
1	ICM282A	Carrier: HK42FZ004, HK42FZ009, HK42FZ016 HK42FZ007, HK42FZ011, 325878-751 HK42FZ008, HK42FZ013
2	ICM280	Goodman: B18099-06/08/10/13/13S UTEC: 1012-933D Texas Instruments: 41F-5 White-Rodgers: 50T35-730, 50T35-743
3	ICM281	Carrier: CES0110057-00/01/02
4	ICM271C	Carrier: CES0110017, HH84AA011, P771-7002 CES0110018, HH84AA012, 302075-3 Carrier/BDP, HH84AA013 HH84AA010, HH84AA020 Robertshaw: 695-100
5	ICM255C	A-1: 5893, Snyder-General: 1395336 Bard: 8201-056, Rheem: 42-22515-01 Mars: 32393, 42-22515-02 42-22515-03
6	ICM275C	Carrier: CES0110019, HH84AA005, HH84AA015 HH84AA001, HH84AA009, HH84AA021 HH84AA003, HH84AA014 Robertshaw: 695-101
7	ICM291	Carrier: LH33WP003/3A
8	ICM290A	Honeywell: S8610U (and compatible Camstat, Fenwal, HSC, Penn-Johnson, Robertshaw and White Rodgers models)
9	ICM289	Lennox: All BCC1, BCC2, BCC3 circuit boards
10	ICM277C	Goodman: B1370735S, PCBFM131S
11	ICM292	Rheem: 62-24140-04
12	ICM272C	Carrier: HK61GA001, HK61GA003 Texas Instruments: 2FD-1
13	ICM283	Honeywell: S8910U-1000 Robertshaw: HS780 White Rodgers: 50E47, 50F47
14	ICM287	Goodman: B18099-04
15	ICM270C	Evcon: 2702-300 Rheem: 47-22827-01, 47-22827-82, 47-22828-02 47-22827-81, 47-22828-02 Robertshaw: 695-003
16	ICM284	York: 03101280000
17	ICM251C	Mars: 32377, 32378, 32379
18	ICM2805A	Nordyne: 903106-Kit
19	ICM2801	York/Evcon: 7990-319P
20	ICM276C	Rheem: 47-23619-02, 47-23619-03
21	ICM2804	Carrier: CES011074-00/01
22	ICM293	Johnson Controls: G776 Controls Lennox: 30W33 Robertshaw: 735L (18G91) or 745 (95H04)

Rank	Model	Replaces
1	ICM304C	ICP: 1069364 Amana: C64301-1, C64310-1 Arcoaire: 32312-00, 3232140 Artesian: 10321-00 Coleman: 3030A374 Essex: 621-1 to 621-10, 621-110, 621-111, 621-310-110 Goodman: B12260-06 Heil Quaker: HQ1052757
2	ICM300C	Honeywell: ST74A1004, ST74A1020, ST74A1038 ICP: 1052757 Intertherm: 6208800 Lennox: 33G9501 Rheem: 47-21776-01 Robertshaw/UniLine: TD-10, DT2-1000 Snyder General: 1395-329 Steveco: 90-621 Therm-O-Disc: 26E-10 Weatherking (Addison): 840-4-5548 White Rodgers: 90-621
3	ICM318C	Goodman: B1226008 ICM: W1001-4
4	ICM321C	Carrier: CES0110063-00, -01, -02, -02A
5	ICM302C	ICM: DFORB-AB1004 Nordyne: 621301A, 621579B, 621579C, 624608-0, 917178
6	ICM301C	Goettl: 305007 ICM: DF0SP24A2 Rheem: 47-21776-06
7	ICM320C	Carrier: HK255Z359A, HK32FA006
8	ICM303C	Evcon: 9218-374 ICM: DFROF York: 03101251000, 9218-3741
9	ICM307C	Fast: 1093410 Lennox: 86G16 Ranco: DT2
10	ICM315C	Avion: DFT100 Ranco: E-15
11	ICM319C	ICM: DFORB24A2I300 Nordyne: 624519A
12	ICM322C	Carrier: CES0130024-00
13	ICM316C	Trane: 21C142827G01, CNT1152, CNT1642
14	ICM324C	Goettl: 305057 ICM: AJ1008
15	ICM323	ICP: Heat Active (B)RV
16	ICM329C	Goettl: 305023 ICM: AG1004

All features and specifications subject to change without notice.