



International Comfort Products

## ***NEW PRODUCT INTRODUCTION***

NPI03-14

July 16, 2003

### **NEW AHX SERIES AIR HANDLERS**

We are pleased to announce the introduction of the AHX series air handlers. This series is being made available through an agreement between ICP and Freedom Air of Fort Worth, Texas. The AHX series is designed for multi-position applications in closet, attic or basement installations and features a factory installed TXV for higher efficiencies as well as smaller cabinet dimensions. In addition, the new AHX series will match all ICP condensers and both of the "AKA" and "AKC" heat pumps. We are also introducing a single point wiring kit and electric heaters with breakers in 5, 10, 15, and 20 KW sizes. Additional information and features are listed below. Ratings can be viewed on [ariprimer.net.org](http://ariprimer.net.org) under Freedom Air. A match / ratings sheet is also attached.

#### **Features:**

- Factory installed TXV
- ICP Gray prepainted steel
- Upflow, horizontal left and right
- Plastic drain pan
- Time delay relay installed
- Includes 1" standard size replaceable filter
- All units suitable for 0" clearance to combustibles
- Slide out blower assembly
- 5 year parts warranty
- Matches A/C and both AKA and AKC heat pumps.

#### **Dimensions:**

<b>MODEL</b>	<b>DESCRIPTION</b>	<b>DIMENSIONS (in inches)</b>
AHX2400A	2-TON TXV AIR HANDLER	17 ½ (W) x 21 (D) x 39 ¾ (H)
AHX3600A	3-TON TXV AIR HANDLER	17 ½ (W) x 21 (D) x 39 ¾ (H)
AHX4800A	4-TON TXV AIR HANDLER	21 ½ (W) x 25 (D) x 49 ¾ (H)
AHX6000A	5-TON TXV AIR HANDLER	21 ½ (W) x 25 (D) x 49 ¾ (H)

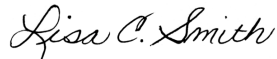
**Accessories:**

<b>MODEL</b>	<b>DESCRIPTION</b>	<b>FITS</b>
HTR05BS	5 KW Breaker	Small cabinets
HTR05BL	5 KW Breaker	Large cabinets
HTR10BS	10 KW Breaker	Small cabinets
HTR10BL	10 KW Breaker	Large cabinets
HTR15BS	15 KW Breaker	Small cabinets
HTR15BL	15 KW Breaker	Large cabinets
HTR20BL	20 KW Breaker	Large cabinets
SPK01A	Single Point Wiring Kit	N/A

Sincerely,



Dan Burdette  
Manager, Product Marketing  
Residential Split Systems



Lisa Smith  
Product Analyst  
Residential Split Systems

## Performance Data Cooling/Heating:

Indoor Model	Outdoor Model	SEER	Cool Cap	Heat Cap	HSPF
AHX2400A1	NHP018A(G)KA*	10.10	17.4	17.2	6.80
AHX2400A1	NHP018A(G)KC*	10.40	17.6	17.4	6.80
AHX2400A1	TCH018AKA*	10.15	16.4	16.2	7.20
AHX2400A1	TCH018AKC*□	10.50	16.6	16.0	6.80
AHX2400A1	NHP218A(G)KA*	12.00	16.6	17.2	7.50
AHX2400A1	NHP218A(G)KC*	12.05	17.2	18.0	6.90
AHX2400A1	TCH218AKA*□	12.00	17.4	17.4	7.65
AHX2400A1	TCH218AKC*□	12.05	17.6	18.4	7.60
AHX2400A1	NHP024A(G)KA*	10.30	23.4	23.0	6.80
AHX2400A1	NHP024A(G)KC*	10.15	22.6	23.0	6.80
AHX2400A1	TCH024AKA*□	10.40	23.6	24.0	7.70
AHX2400A1	TCH024AKC*□	10.20	23.0	24.4	7.40
AHX2400A1	NHP224A(G)KA*	12.00	22.0	23.4	8.00
AHX2400A1	NHP224A(G)KC*	12.00	22.0	22.8	7.30
AHX2400A1	TCH224AKA*□	12.00	22.0	23.8	8.25
AHX2400A1	TCH224AKC*□	12.00	22.2	23.0	7.60
AHX3600A1	TCH424AKA*□	14.00	22.6	19.8	6.80
AHX3600A1	TCH424AKC*□	12.55	23.2	25.0	7.60
AHX3600A1	NHP030A(G)KA*	10.30	29.2	28.6	6.80
AHX3600A1	NHP030A(G)KC*	10.40	28.6	29.0	6.80
AHX3600A1	TCH030AKA*□	10.35	29.4	29.2	7.30
AHX3600A1	TCH030AKC*□	10.45	28.0	29.6	7.40
AHX3600A1	NHP230A(G)KA*	12.05	28.2	28.4	8.00
AHX3600A1	NHP230A(G)KC*	12.10	28.8	29.0	7.00
AHX3600A1	TCH230AKA*□	12.10	28.8	28.4	8.25
AHX3600A1	TCH230AKC*□	12.15	29.2	30.4	8.00
AHX3600A1	TCH430AKA*□	14.00	28.4	25.0	7.05
AHX3600A1	TCH430AKC*□	12.60	27.2	29.0	8.40
AHX3600A1	NHP036A(G)KA*	10.20	35.0	33.6	6.80
AHX3600A1	NHP036A(G)KC*	10.30	34.0	33.6	6.80
AHX3600A1	TCH036AKA*□	10.35	35.8	36.0	7.70
AHX3600A1	TCH036AKC*□	10.50	34.8	35.0	7.40
AHX3600A1	NHP236A(G)KA*	12.05	34.6	35.8	8.00
AHX3600A1	NHP236A(G)KC*	12.10	34.4	34.0	7.00
AHX3600A1	TCH236AKA*□	12.10	34.8	35.6	8.10
AHX3600A1	TCH236AKC*□	12.15	34.4	36.0	8.00
AHX3600A1	TCH436AKA*□	14.00	35.4	32.6	7.30
AHX3600A1	TCH436AKC*□	13.10	34.4	34.0	7.75
AHX4800A1	NHP042A(G)KA*	10.30	41.0	39.5	6.80
AHX4800A1	NHP042A(G)KC*	10.20	41.0	38.0	6.80
AHX4800A1	TCH042AKA*□	10.30	41.0	37.6	7.40
AHX4800A1	TCH042AKC*□	10.30	41.0	37.6	7.40
AHX4800A1	NHP242A(G)KA*	12.05	39.0	41.5	7.40
AHX4800A1	NHP242A(G)KC*	12.00	39.0	40.0	7.10
AHX4800A1	TCH242AKA*□	12.10	40.0	42.0	8.20
AHX4800A1	TCH242AKC*□	12.00	40.5	39.5	8.20
AHX4800A1	TCH442AKA*□	13.00	38.5	32.8	6.85
AHX4800A1	TCH442AKC*□	13.00	38.0	38.0	8.00



Ratings utilize thermal expansion valve and time relay relay.  
 All Technical Specifications Subject to Change Without Notice

## Performance Data Cooling/Heating:

Indoor Model	Outdoor Model	SEER	Cool Cap	Heat Cap	HSPF
AHX4800A1	NHP048A(G)KA*	10.30	44.5	44.5	7.20
AHX4800A1	NHP048A(G)KC*	10.40	45.0	47.0	6.80
AHX4800A1	TCH048AKA*□	10.40	47.5	48.0	7.70
AHX4800A1	TCH048AKC*□	10.50	45.5	46.5	7.60
AHX4800A1	NHP248A(G)KA*	12.00	42.0	44.5	7.20
AHX4800A1	NHP248A(G)KC*	12.00	42.0	46.0	7.00
AHX4800A1	TCH248AKA*□	12.05	47.0	47.5	7.70
AHX4800A1	TCH248AKC*□	12.05	47.0	48.5	8.20
AHX6000A1	TCH448AKA*□	12.90	44.5	37.4	7.05
AHX6000A1	TCH448AKC*□	13.00	42.0	47.0	8.50
AHX6000A1	NHP060A(G)KA*	10.40	55.0	56.0	6.80
AHX6000A1	NHP060A(G)KC*	10.40	56.0	58.0	6.80
AHX6000A1	TCH060AKA*□	10.40	57.0	59.0	7.70
AHX6000A1	TCH060AKC*□	10.40	56.5	59.0	7.80
AHX6000A1	NHP260A(G)KA*	11.05	52.5	52.0	7.40
AHX6000A1	NHP260A(G)KC*	11.30	53.5	57.0	7.00
AHX6000A1	TCH260AKA*□	11.50	56.0	59.0	8.05
AHX6000A1	TCH260AKC*□	11.60	56.0	58.0	8.20
AHX6000A1	TCH460AKA*□	12.50	56.5	48.0	6.90
AHX6000A1	TCH460AKC*□	12.00	56.5	58.0	8.00



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