

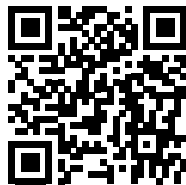
## PRICE LIST

**EFFECTIVE DATE:  
01 FEBRUARY 2019**

*SUPERCEDES:*  
**KLP-2018-1**

**Bulletin KLP-2019-4**

**Part # 1090869-4**



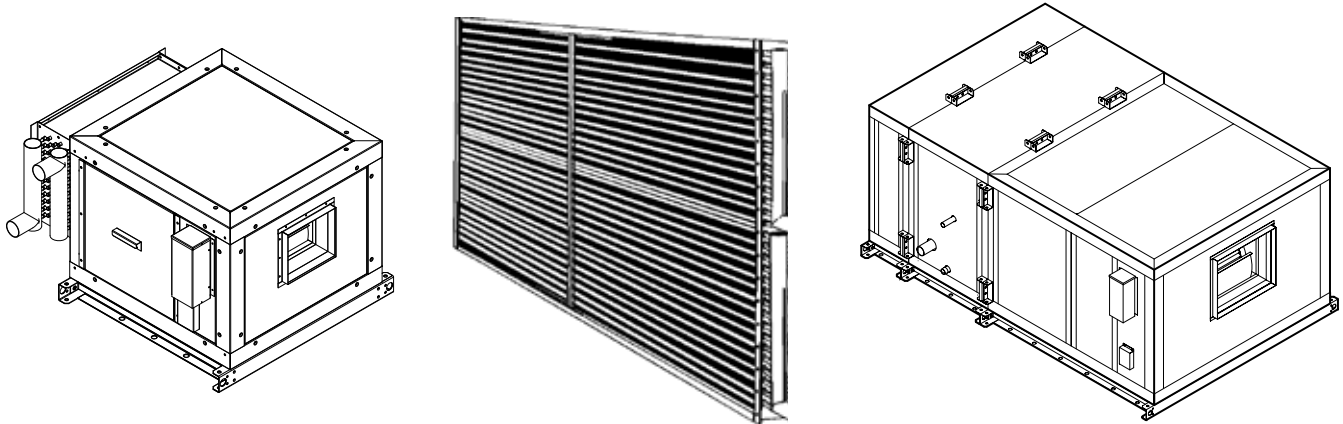
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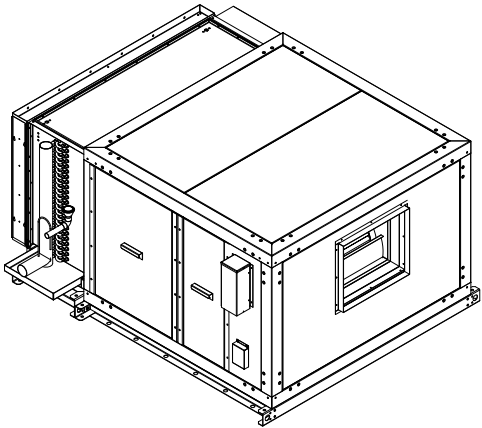
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### CONTENTS

KAP Product Cooler .....	2 - 5
KAB Air Cooled Condenser .....	4 - 5
KAC, KAF, KAH Air Handlers .....	6 - 18
KAC, KAF, KAH Air Handler Coils.....	19 - 20
Options and Accessories for KA* Units.....	21 - 22
Free Standing Coils .....	23 - 27
Product Support Resources.....	BACK

## KAP PRODUCT COOLERS



### NOMENCLATURE

**K AP 1 28 F - A - N - T4 A - 0000**

**K = KeepRite**

**Unit Style**  
AP = Air Handler,  
Product Cooler

**Model Number**  
1 = Number Of Fans  
28 = Model Number

**Blower Type**  
F = Forward Curved  
A = Air Foil

**Defrost Type**  
A = Air  
E = Electric  
G = Hot Gas

**Manufacturing Options**

**Series / Generation**  
A = First Generation

**Unit Electrical Designation**  
S1 = 115/1/60  
S2 = 208/230/1/60  
T3 = 208-230/3/60  
T4 = 460/3/60  
T5 = 575/3/60

**Cabinet Type**  
I = Insulated  
N = Non-Insulated



web: [www.k-rp.com/kap](http://www.k-rp.com/kap)  
email: [ahu@k-rp.com](mailto:ahu@k-rp.com)  
call: 1-844-893-3222 x527

### INDOOR KAP FAN SECTION

TYPE	PRODUCT NUMBER	LIST PRICE \$	
		NO INSULATION	WITH INSULATION
HIGH TEMP.	KAP108F-A	8115	8727
	KAP111F-A	10464	11189
	KAP114F-A	11073	11880
	KAP117F-A	11679	13403
	KAP122F-A	14460	15728
	KAP128F-A	21543	23024
	KAP137F-A	27987	30293
	KAP141F-A	33194	35768
	KAP150F-A	38155	40755
KAP164F-A	50129	52792	
ELECTRIC DEFROST	KAP108F-E	16851	17463
	KAP111F-E	19198	19923
	KAP114F-E	20039	20845
	KAP117F-E	20546	22270
	KAP122F-E	23542	24810
	KAP128F-E	31005	32486
	KAP137F-E	36905	39211
	KAP141F-E	45143	47718
	KAP150F-E	51662	54262
KAP164F-E	61116	63778	

### INDOOR KAP FAN SECTION

TYPE	PRODUCT NUMBER	LIST PRICE \$	
		NO INSULATION	WITH INSULATION
HOT GAS DEFROST	KAP108F-G	10019	10631
	KAP111F-G	13524	14249
	KAP114F-G	15029	15835
	KAP117F-G	15859	17583
	KAP122F-G	18889	20158
	KAP128F-G	26938	28418
	KAP137F-G	32238	34544
	KAP141F-G	39123	41698
	KAP150F-G	45143	47743
	KAP164F-G	54234	56897

### KAP OPTIONS

TYPE	PRODUCT NUMBER	FAN SECTION DRAIN PAN
ALL	KAP108F	529
	KAP111F	529
	KAP114F	573
	KAP117F	645
	KAP122F	697
	KAP128F	824
	KAP137F	Included
	KAP141F	Included
	KAP150F	Included
	KAP164F	Included
	KAP182F	Included

See separate price sheet for matching cooling coil prices.

#### PRICE NOTES:

- Fan Section includes blower and motor slide base.
- Installations with high humidity may require an OPTIONAL fan head drain pan - See OPTIONS for LIST Prices
- Removable coil drain pan extends under bends and coil connection.
- On high temperature unit, coil drain pan is insulated.
- Electric or hot gas defrost is recommended when used for entering air conditions below 38°F.
- Electric defrost price includes coil heater, drain pan heater, terminal box and heater transformers (where required). All mounted and wired. Fail-safe thermostat, fan delay thermostat, and defrost termination thermostat supplied mounted but not wired.
- Electric coil heaters may be 208/3/60, 460/3/60 and 575/3/60.
- Drain pan heaters are 230 volt, single phase.
- Hot gas defrost price includes distributor with side port connection. Drain pan hot gas circuit comes with complete drain pan assembly hot dipped galvanized.
- The following are not included: - timer, room thermostat, control circuit transformer, pressure switch and contactors.

## KAP PRODUCT COOLERS

### KAP REFRIGERATION COIL

MODEL	COIL SIZES (ft <sup>2</sup> )	FPI	ROWS DEEP				
			4	5	6	8	10
			LIST PRICE \$				
KAP108	34 1/2" x 44" (10.5 ft <sup>2</sup> )	4	4353	5452	6188	7272	9088
		6	4442	5564	6321	7444	9309
		8	4549	5700	6484	7658	9575
KAP111	34 1/2" x 59" (14.1 ft <sup>2</sup> )	4	5192	6406	7325	8983	11230
		6	5305	6549	7503	8746	10934
		8	5452	6735	7721	9034	11294
KAP114	34 1/2" x 74" (17.1 ft <sup>2</sup> )	4	6213	8013	9495	10567	13211
		6	6362	8199	9268	10864	13580
		8	6544	8426	9540	11247	14029
KAP117	34 1/2" x 89" (21.3 ft <sup>2</sup> )	4	6947	8966	10188	11974	14971
		6	7126	9188	10459	12331	15417
		8	7344	9463	10782	12768	15960
KAP122	40 1/2" x 93" (26.2 ft <sup>2</sup> )	4	8297	10377	12366	14522	18149
		6	8517	10648	12697	14958	18699
		8	8786	10984	13096	15493	19366
KAP128	40 1/2" x 116 1/4" (32.6 ft <sup>2</sup> )	4	9745	12701	15047	17672	22092
		6	10206	13043	15454	18219	22772
		8	10538	13462	15954	18886	23609
KAP137	52 1/2" x 116 1/4" (43.6 ft <sup>2</sup> )	4	10658	15508	18797	22073	27590
		6	12375	15964	19338	22799	28498
		8	12822	16521	20007	23692	29616
KAP141	61 1/2" x 116 1/4" (49.6 ft <sup>2</sup> )	4	13592	17639	21614	25401	31751
		6	14004	18155	22255	26233	32789
		8	14490	18787	23015	27249	34059
KAP150	72" x 116 1/4" (58.1 ft <sup>2</sup> )	4	15420	20102	25164	29265	36588
		6	15907	20709	25652	30237	37797
		8	16502	21453	26249	31425	39282
KAP164	90" x 116 1/4" (72.6 ft <sup>2</sup> )	4	18556	24333	30593	35893	44864
		6	19164	25092	31479	37104	46384
		8	19906	26021	32595	38591	48240

**PRICE NOTES:**

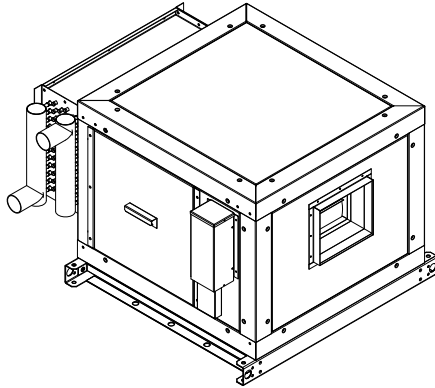
1. Coils are fabricated with seamless copper tubes 5/8" with (1.5"x1.299") tube centres staggered in direction of air flow. Tubes are mechanically expanded into fully collared aluminum fins. No water is used in the expansion process.
2. Fins have a V-waffle pattern for increased heat transfer and to provide additional stiffness to the fin. Fully drawn collars provide an efficient thermal bond with the tubes and allow accurate fin spacing.
3. All coil models have standard 0.0055" thick aluminum fin material and optional fin thickness of 0.0075" or 0.0090". Copper fin material is also available at 0.0055" fin thickness.

Fin Thickness	Fin Spacing	Fin Material
0.0055"	8 to 14 FPI	Aluminum & Copper
0.0075"	6 to 12 FPI	Aluminum
0.0090"	4.5 to 8 FPI	Aluminum

4. Coil casings are fabricated from 14 gauge galvanized sheet metal. Coil casing allows a maximum of 10 rows coil depth and is bolted directly to the fan section.
5. Headers are made from type L, seamless copper tubing with brazed copper end discs.
6. Direct expansion coils are supplied with suction and supply headers suitable for brazing to copper refrigerant line. Direct expansion coils are provided with 1/4" diameter equalizer line at the suction header.
7. Refrigerant distributors are factory installed. Distributors may be supplied with auxiliary side connections for hot gas defrost or capacity control as an option.
8. Coils are tested at 300 PSIG under water for several minutes to ensure leak free unit.
9. Product Cooler Coils may be provided with header modification and multiple refrigeration circuits.

**Refer to Free Standing Coil Price Sheet for price adder on optional fin materials, header modification and multiple circuits. Consult factory for Copper fin and coil coating pricing.**

## KAB AIR COOLED CONDENSERS




 web: [www.k-rp.com/kab](http://www.k-rp.com/kab)  
 email: [ahu@k-rp.com](mailto:ahu@k-rp.com)  
 call: 1-844-893-3222 x527

### NOMENCLATURE

**K AB 1 28 F - N - T4 A - 0000**

**K = KeepRite**

**Unit Style**

AB = Air Handler, Bolt-On Air Cooled Condenser/Heat Reclaim

**Model Number**

1 = Number Of Fans

28 = Model Number

**Blower Type**

F = Forward Curved

A = Air Foil

**Manufacturing Options**

**Series / Generation**

A = First Generation

**Unit Electrical Designation**

S1 = 115/1/60

S2 = 208/230/1/60

T3 = 208-230/3/60

T4 = 460/3/60

T5 = 575/3/60

**Cabinet Type**

I = Insulated

N = Non-Insulated

### INDOOR KAB FAN SECTION

PRODUCT NUMBER	LIST PRICE \$ NO INSULATION	LIST PRICE \$ WITH INSULATION
KAB103F	3738	4165
KAB104F	4074	4538
KAB106F	5877	6405
KAB108F	6364	6976
KAB111F	7944	8669
KAB114F	9907	10714
KAB117F	10960	12684
KAB122F	13503	14772
KAB128F	18197	19678
KAB137F	22901	25207
KAB141F	29152	31726
KAB150F	35234	37834
KAB164F	43093	45756
KAB182F	55213	58625

#### PRICE NOTES:

- Basic unit consists of a blower section with forward curved fan, extended nylon lubrication lines, adjustable motor mount, galvanized sheet metal cabinet with removable access panels.
- Coil, motor, V belt drive, fan section insulation are not included in fan section pricing.

## KAB AIR COOLED CONDENSERS

### KAB AIR COOLED CONDENSER COIL

MODEL	COIL SIZES (FACE AREA - ft <sup>2</sup> )	FPI	NO. CIRCUIT	ROWS DEEP				
				2	3	4	6	8
				LIST PRICE \$				
KAB103	18" x 30" (3.75 ft <sup>2</sup> )	8	1	1755	2140	2633	3421	4044
		10	1	1777	2173	2674	3488	4133
		12	1	1802	2213	2722	3557	4228
KAB104	21" x 36" (5.25 ft <sup>2</sup> )	8	1	2084	2486	3123	4124	4870
		10	1	2113	2530	3185	4217	4996
		12	1	2146	2584	3251	4319	5131
KAB106	24" x 45" (7.50 ft <sup>2</sup> )	8	1	2652	3011	3747	5189	6115
		10	1	2696	3016	3839	5322	6293
		12	1	2745	3149	3939	5467	6484
KAB108	33" x 44" (10.08 ft <sup>2</sup> )	8	1	3241	3582	4493	6372	7499
		10	1	3298	3674	4607	6548	7740
		12	1	3361	3771	4740	6742	7999
KAB111	33" x 58" (13.29 ft <sup>2</sup> )	8	1	3901	4274	5376	7737	9126
		10	1	3980	4389	5534	7975	9441
		12	1	4064	4518	5705	8231	9783
KAB114	33" x 74" (16.95 ft <sup>2</sup> )	8	1	4516	5075	6402	9312	10985
		10	1	4613	5224	6606	9615	11388
		12	1	4723	5393	6821	9940	11823
KAB117	33" x 88" (20.16 ft <sup>2</sup> )	8	1	5131	5846	7301	10690	12613
		10	1	5254	6023	7540	11047	13021
		12	1	5378	6214	7798	11439	13611
KAB122	39" x 92" (24.91 ft <sup>2</sup> )	8	1	5960	6331	8540	12660	14947
		10	1	6108	6555	8838	13125	15541
		12	1	6270	6792	9157	13848	16183
KAB128	39" x 116" (31.41 ft <sup>2</sup> )	8	1	7385	8280	10263	15448	18213
		10	1	7573	8553	10634	16011	18958
		12	1	7774	8859	11038	16615	19771
KAB137	51" x 116" (41.08 ft <sup>2</sup> )	8	2	9398	11142	12511	19458	22935
		10	2	9643	11508	13002	20189	23912
		12	2	9910	11901	13532	20982	24972
KAB141	60" x 116" (48.33 ft <sup>2</sup> )	8	2	10911	13290	14199	22446	26478
		10	2	11197	13717	14775	23305	27628
		12	2	11512	14187	15397	24241	28874
KAB150	69" x 116" (55.58 ft <sup>2</sup> )	8	2	12426	15452	15888	25466	30019
		10	2	12752	15946	16545	26455	31339
		12	2	13113	16486	17272	27529	32773
KAB164	87" x 116" (70.08 ft <sup>2</sup> )	8	2	15443	19733	20470	31473	37104
		10	2	15859	20358	21299	32725	38767
		12	2	16312	21036	22202	34081	40575
KAB182	87" x 153" (92.44 ft <sup>2</sup> )	8	2	20369	26027	26999	41512	48939
		10	2	20917	26851	28093	43163	51132
		12	2	21515	27746	29283	44952	53517

**PRICE NOTES:**

1. Coils are fabricated with seamless 1/2" copper tubes (0.016") with (1.5"x1.299") tube centres staggered in direction of the airflow. Tubes are mechanically expanded into fully collared aluminum fins (water is not used in expansion process).
2. Coil has a maximum of 8 rows deep and is directly bolted to the fan section.
3. Coil is constructed with standard corrugated aluminum fin pattern for increased heat transfer and to provide additional stiffness to the fin. Fully drawn collars provide an efficient thermal bond with the tubes and allow accurate fin spacing.
4. Standard fin spacing for catalogued ratings is 12 FPI.
5. All coil models have standard 0.0055" thick aluminum fin material and optional fin thickness of 0.0075" or 0.0090". Copper fin material is also available at 0.0055" fin thickness.

Fin Thickness	Fin Spacing	Fin Material
0.0055"	8 to 14 FPI	Aluminum & Copper
0.0075"	6 to 12 FPI	Aluminum
0.0090"	4.5 to 8 FPI	Aluminum

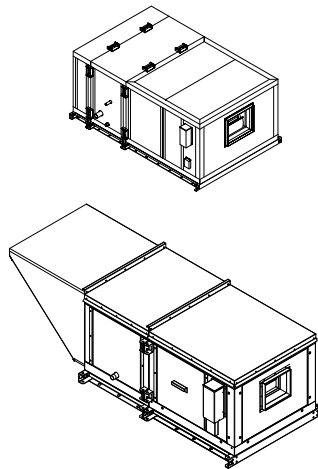
6. Headers are made from type L, seamless copper tubing with brazed copper end discs.
7. Coil casings are fabricated from 14 gauge galvanized sheet metal.
8. End plates are built with formed, collared tube holes to provide additional tube support. Coil over 60" finned tube length is provided with intermediate support channels across their width for additional rigidity.
9. Coils are tested at 450 PSIG under water for several minutes to ensure leak free unit.

**Refer to Free Standing Coil Price Sheet for price adder on optional fin materials, header modification and multiple circuits. Consult factory for Copper fin and coil coating pricing.**

## KAC, KAF, KAH AIR HANDLERS

### NOMENCLATURE

**K AC 128 F H - I T4 A - 0000**



**K = KeepRite**

**Unit Style**

AF = Air Handler, Fan Head  
 AH = Air Handler, Heating Coil Section  
 AC = Air Handler, Cooling Coil Section

**Model Number**

1 = Number Of Fans  
 28 = Coil Face Area (ft<sup>2</sup>)

**Blower Type**

F = Forward Curved (Standard)  
 A = Airfoil

**Unit Orientation**

H = Horizontal  
 V = Vertical

**Manufacturing Options**

**Series / Generation**

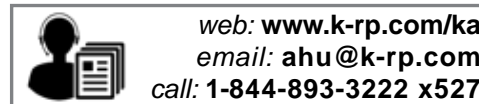
A = First Generation

**Unit Electrical Designation**

S1 = 115/1/60  
 S2 = 208/230/1/60  
 T3 = 208-230/3/60  
 T4 = 460/3/60  
 T5 = 575/3/60

**Enclosure Type**

I = Indoor (Standard)  
 H = Outdoor



### BASIC UNIT

Basic unit consists of a blower section with forward curved fan(s), extended nylon lubrication lines, adjustable motor mount, V belt drive, heavy duty G90 galvanized sheet metal cabinet with removable access panels.

KAF horizontal model consists of fan section only

KAH model is fan section and heating coil sections arranged for horizontal air intake and horizontal air flow.

KAC horizontal is made up of fan section and cooling coil section. Unit is insulated with 2" thick mineral wool insulation and double wall panels. Units are arranged for horizontal air intake and horizontal air flow. Cooling coil section utilizes a stainless steel drain pan.

KAC vertical is similar to KAC horizontal model except that unit is arranged for horizontal air intake and vertical air flow.

### OPTIONAL FEATURES

**Fan & Htg. Coil Section Insulation:** 2" thick mineral wool insulation, with double wall panels.

**Fan Head Drain Pan:** Installations with high humidity may require a Fan Head Drain Pan

**Auxiliary Coil Section:** Un-insulated heating coil section accepts coils to maximum 8 row depth.

**Auxiliary Coil Section – Insulated:** 2" thick mineral wool insulation, with double wall panels.

**Heating/Cooling Coil Section:** Maximum 10 rows of coil depth may be accommodated in the insulated coil section provided with drain pan and male pipe thread drain fitting located on same end of unit as coil connections.

**Flat Filter Section:** Filter access doors on both sides of unit.

**Angular Filter Section (Models 114 to 182):** Filter access doors on both sides of unit.

**Combination Angle Filter Section and Mixing Box:** Standard equipment consists of filter and mixing box with two sets of dampers. Damper blades are parallel type with no sealing along edges. The mixing box is furnished with damper shaft extensions on both ends for automatic control installed by others. National Refrigeration and Air Conditioning Canada Corp. does not furnish damper motors or controls.

Filter/mixing box, supplied less dampers, has openings for fresh air and return air.

**Internal Face and Bypass Section** Internal face and by-pass sections may be used in conjunction with small face area coils only. Both internal and external face and by-pass sections are supplied with opposed blade, non-sealed dampers. Three inch shaft extensions are supplied at each end of the by-pass sections. Shaft extensions are 1/2" in diameter. Controls and damper motors are to be supplied and installed by others.

## KAC, KAF, KAH AIR HANDLERS

### OPTIONAL FEATURES (cont`d)

**Internal Bypass Section** Internal bypass sections may be used in conjunction with small face area coils only. Opposed blade, non-sealed dampers are provided in bypass section only. Three inch shaft extensions are supplied at each end of the bypass section. Shaft extensions are 1/2" diameter. Controls and damper motor are to be supplied and installed by others.

**External Face and Bypass Section (Models 114 to 182):** External face and by-pass sections on units 137 and 182 are available with by-pass duct at top of unit only. Motor and by-pass duct cannot be located on the same panel. Access section supplied between coil section and fan section to allow for bypass.

**Mixing Box and Dampers:** Similar to combination angular filter section/mixing box with 2" thick mineral wool insulation - but less filter racks.

**Access Section (Models 114 to 182):** Access section is similar to angular filter section without the filter rack. Standard access sections 20" deep, other sizes are available in 5" increments 15" – 50".

**Fresh Air Intake Hood:** Available for outdoor units only with either mesh screening or provisions for aluminium filters

**Painted Finish:** Consult factory for availability and pricing. Exterior metal surface is cleaned, primed and finished in one coat of air dry enamel. Supply paint chip sample to ensure correct paint application.

**OTHER OPTIONS ARE AVAILABLE AT YOUR REQUEST. CONSULT FACTORY FOR PRICING.**

### MODEL 103

PRODUCT NUMBER	ITEM	LIST PRICE \$
KAF103FH-I	Fan section only - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	3738
KAF103FH-H	Fan section only - Forward Curved Fan - Horizontal - Outdoor Unit - No Insulation	4298
KAH103FH-I	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	4438
KAH103FH-H	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	4998
KAH-103FV-I	Fan section & Heating coil sect. - Forward Curved Fan - Vertical - Indoor Unit - No Insulation (less drain pan)	4438
KAC103FH-I	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - With Insulation	5563
KAC103FH-H	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	6124
KAC103FV-I	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Vertical - Indoor Unit - With Insulation	6259
<b>OPTIONS AND ACCESSORIES</b>	Fan section insulation (KAF & KAH only)	427
	Fan Head Drain Pan - Aluminium	400
	Htg. coil section insulation (KAH only)	105
	Aux. Htg. coil sect. - Indoor - No Insulation (8 row max.- Horizontal only)	847
	Aux. Htg. coil sect. - Indoor - With Insulation (8 row max.- Horizontal only)	1206
	Aux. Htg. coil sect. - Outdoor - With Insulation (8 row max.- Horizontal only)	1609
	Htg/Clg coil section -Horizontal - With Insulation - Indoor	1830
	Htg/Clg coil section -Horizontal - With Insulation - Outdoor	3477
	'Bolt On' Flat Filter Section - No Insulation - 2" filters	Filter Qty & Size: 2 - 16x20x2 545
	Flat Filter Section: Indoor - No Insulation - 2" filters	Filter Qty & Size: 2 - 16x20x2 1226
	Flat Filter Section: Indoor - With Insulation - 2" filters	Filter Qty & Size: 2 - 16x20x2 1279
	Flat Filter Section: Indoor - With Insulation - 4" filters	Filter Qty & Size: 2 - 16x20x4 1279
	Flat Filter Section: Outdoor - With Insulation - 2" filters	Filter Qty & Size: 2 - 16x20x2 2329
	Flat Filter Section: Outdoor - With Insulation - 4" filters	Filter Qty & Size: 2 - 16x20x4 2329
	Comb. Angle Filter Sect. with 2 dampers: Indoor - With Insulation - Filter Qty & Size: 2 - 16x25x2	2163
	Mixing box and 2 dampers: Indoor - With Insulation	1872
	Mixing box less dampers: Indoor - With Insulation	1653
	Access sect. (20") - Indoor - With Insulation	1279
	Access sect. (20") - Outdoor - With Insulation	2329
	Fresh Air Intake Hood - Outdoor - Mesh Screen	1565
	Fresh Air Intake Hood - Outdoor - Aluminum Mesh Filter - Filter Qty & Size: 4 - 16x20x2	988
	Internal Isolators	834

**Notes:**

- Filters not included in price of any filter section or intake hood, see page 22 for filter prices
- Access section: other sizes available in 5" increments 15-50", consult factory for price

## KAC, KAF, KAH AIR HANDLERS

### MODEL 104

PRODUCT NUMBER	ITEM	LIST PRICE \$
KAF104FH-I	Fan section only - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	4074
KAF104FH-H	Fan section only - Forward Curved Fan - Horizontal - Outdoor Unit - No Insulation	4685
KAH104FH-I	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	4890
KAH104FH-H	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	5501
KAH-104FV-I	Fan section & Heating coil sect. - Forward Curved Fan - Vertical - Indoor Unit - No Insulation (less drain pan)	4890
KAC104FH-I	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - With Insulation	5897
KAC104FH-H	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	6508
KAC104FV-I	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Vertical - Indoor Unit - With Insulation	6663
OPTIONS AND ACCESSORIES	Fan section insulation (KAF & KAH only)	463
	Fan Head Drain Pan - Aluminium	450
	Htg. coil section insulation (KAH only)	142
	Aux. Htg. coil sect. - Indoor - No Insulation (8 row max.- Horizontal only)	912
	Aux. Htg. coil sect. - Indoor - With Insulation (8 row max.- Horizontal only)	1300
	Aux. Htg. coil sect. - Outdoor - With Insulation (8 row max.- Horizontal only)	1733
	Htg/Clg coil section -Horizontal - With Insulation - Indoor	2015
	Htg/Clg coil section -Horizontal - With Insulation - Outdoor	3828
	'Bolt On' Flat Filter Section - No Insulation - 2" filters      Filter Qty & Size: 2 - 20x20x2	610
	Flat Filter Section: Indoor - No Insulation - 2" filters      Filter Qty & Size: 2 - 20x20x2	1373
	Flat Filter Section: Indoor - With Insulation - 2" filters      Filter Qty & Size: 2 - 20x20x2	1444
	Flat Filter Section: Indoor - With Insulation - 4" filters      Filter Qty & Size: 2 - 20x20x4	1444
	Flat Filter Section: Outdoor - With Insulation - 2" filters      Filter Qty & Size: 2 - 20x20x2	2609
	Flat Filter Section: Outdoor - With Insulation - 4" filters      Filter Qty & Size: 2 - 20x20x4	2609
	Comb. Angle Filter Sect. with 2 dampers: Indoor - With Insulation - Filter Qty & Size: 4 - 16x20x2	2754
	Mixing box and 2 dampers: Indoor - With Insulation	2464
	Mixing box less dampers: Indoor - With Insulation	2075
	Access sect. (20") - Indoor - With Insulation	1444
	Access sect. (20") - Outdoor - With Insulation	2609
	Fresh Air Intake Hood - Outdoor - Mesh Screen	2051
	Fresh Air Intake Hood - Outdoor - Aluminum Mesh Filter - Filter Qty & Size: 2 - 20x20x2 & 2 - 20x25x2	1022
Internal Isolators	834	

### MODEL 106

PRODUCT NUMBER	ITEM	LIST PRICE \$
KAF106FH-I	Fan section only - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	5877
KAF106FH-H	Fan section only - Forward Curved Fan - Horizontal - Outdoor Unit - No Insulation	6759
KAH106FH-I	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	7259
KAH106FH-H	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	8141
KAH-106FV-I	Fan section & Heating coil sect. - Forward Curved Fan - Vertical - Indoor Unit - No Insulation (less drain pan)	7259
KAC106FH-I	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - With Insulation	8679
KAC106FH-H	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	9560
KAC106FV-I	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Vertical - Indoor Unit - With Insulation	9645
OPTIONS AND ACCESSORIES	Fan section insulation (KAF & KAH only)	527
	Fan Head Drain Pan - Aluminium	507
	Htg. coil section insulation (KAH only)	180
	Aux. Htg. coil sect. - Indoor - No Insulation (8 row max.- Horizontal only)	986
	Aux. Htg. coil sect. - Indoor - With Insulation (8 row max.- Horizontal only)	1404
	Aux. Htg. coil sect. - Outdoor - With Insulation (8 row max.- Horizontal only)	1872
	Htg/Clg coil section -Horizontal - With Insulation - Indoor	2543
	Htg/Clg coil section -Horizontal - With Insulation - Outdoor	4831
	'Bolt On' Flat Filter Section - No Insulation - 2" filters      Filter Qty & Size: 3 - 16x25x2	791
	Flat Filter Section: Indoor - No Insulation - 2" filters      Filter Qty & Size: 3 - 16x25x2	1779
	Flat Filter Section: Indoor - With Insulation - 2" filters      Filter Qty & Size: 3 - 16x25x2	1869
	Flat Filter Section: Indoor - With Insulation - 4" filters      Filter Qty & Size: 3 - 16x25x4	1869
	Flat Filter Section: Outdoor - With Insulation - 2" filters      Filter Qty & Size: 3 - 16x25x2	3380
	Flat Filter Section: Outdoor - With Insulation - 4" filters      Filter Qty & Size: 3 - 16x25x4	3380
	Comb. Angle Filter Sect. with 2 dampers: Indoor - With Insulation - Filter Qty & Size: 6 - 16x20x2	3109
	Mixing box and 2 dampers: Indoor - With Insulation	2695
	Mixing box less dampers: Indoor - With Insulation	2266
	Access sect. (20") - Indoor - With Insulation	1869
	Access sect. (20") - Outdoor - With Insulation	3380
	Fresh Air Intake Hood - Outdoor - Mesh Screen	2058
	Fresh Air Intake Hood - Outdoor - Aluminum Mesh Filter - Filter Qty & Size: 6 - 16x25x2	1124
Internal Isolators	834	

**Notes:**

- Filters not included in price of any filter section or intake hood, see page 22 for filter prices
- Access section: other sizes available in 5" increments 15-50", consult factory for price



## KAC, KAF, KAH AIR HANDLERS

### MODEL 108

PRODUCT NUMBER	ITEM	LIST PRICE \$
KAF108FH-I	Fan section only - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	6364
KAF108FH-H	Fan section only - Forward Curved Fan - Horizontal - Outdoor Unit - No Insulation	7319
KAH108FH-I	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	7859
KAH108FH-H	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	8813
KAH-108FV-I	Fan section & Heating coil sect. - Forward Curved Fan - Vertical - Indoor Unit - No Insulation (less drain pan)	7859
KAC108FH-I	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - With Insulation	8679
KAC108FH-H	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	9633
KAC108FV-I	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Vertical - Indoor Unit - With Insulation	9673
OPTIONS AND ACCESSORIES	Fan section insulation (KAF & KAH only)	612
	Fan Head Drain Pan - Aluminium	529
	Htg. coil section insulation (KAH only)	248
	Aux. Htg. coil sect. - Indoor - No Insulation (8 row max.- Horizontal only)	1143
	Aux. Htg. coil sect. - Indoor - With Insulation (8 row max.- Horizontal only)	1629
	Aux. Htg. coil sect. - Outdoor - With Insulation (8 row max.- Horizontal only)	2172
	Htg/Clg coil section -Horizontal - With Insulation - Indoor	2618
	Htg/Clg coil section -Horizontal - With Insulation - Outdoor	4974
	'Bolt On' Flat Filter Section - No Insulation - 2" filters      Filter Qty & Size: 2 - 16x20x2, 2 - 16x25x2	845
	Flat Filter Section: Indoor - No Insulation - 2" filters      Filter Qty & Size: 2 - 16x20x2, 2 - 16x25x2	1902
	Flat Filter Section: Indoor - With Insulation - 2" filters      Filter Qty & Size: 2 - 16x20x2, 2 - 16x25x2	2026
	Flat Filter Section: Indoor - With Insulation - 4" filters      Filter Qty & Size: 2 - 16x20x4, 2 - 16x25x4	2026
	Flat Filter Section: Outdoor - With Insulation - 2" filters      Filter Qty & Size: 2 - 16x20x2, 2 - 16x25x2	3614
	Flat Filter Section: Outdoor - With Insulation - 4" filters      Filter Qty & Size: 2 - 16x20x4, 2 - 16x25x4	3614
	Comb. Angle Filter Sect. with 2 dampers: Indoor - With Insulation - Filter Qty & Size: 6 - 16x25x2	3511
	Mixing box and 2 dampers: Indoor - With Insulation	2970
	Mixing box less dampers: Indoor - With Insulation	2711
	Access sect. (20") - Indoor - With Insulation	2026
	Access sect. (20") - Outdoor - With Insulation	3614
	Fresh Air Intake Hood - Outdoor - Mesh Screen	2126
	Fresh Air Intake Hood - Outdoor - Aluminum Mesh Filter - Filter Qty & Size: 6 - 16x25x2	1193
Internal Isolators	834	

### MODEL 111

PRODUCT NUMBER	ITEM	LIST PRICE \$
KAF111FH-I	Fan section only - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	7944
KAF111FH-H	Fan section only - Forward Curved Fan - Horizontal - Outdoor Unit - No Insulation	9136
KAH111FH-I	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	9368
KAH111FH-H	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	10559
KAH-111FV-I	Fan section & Heating coil sect. - Forward Curved Fan - Vertical - Indoor Unit - No Insulation (less drain pan)	9368
KAC111FH-I	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - With Insulation	10444
KAC111FH-H	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	11636
KAC111FV-I	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Vertical - Indoor Unit - With Insulation	11536
OPTIONS AND ACCESSORIES	Fan section insulation (KAF & KAH only)	725
	Fan Head Drain Pan - Aluminium	529
	Htg. coil section insulation (KAH only)	312
	Aux. Htg. coil sect. - Indoor - No Insulation (8 row max.- Horizontal only)	1311
	Aux. Htg. coil sect. - Indoor - With Insulation (8 row max.- Horizontal only)	1869
	Aux. Htg. coil sect. - Outdoor - With Insulation (8 row max.- Horizontal only)	2492
	Htg/Clg coil section -Horizontal - With Insulation - Indoor	2874
	Htg/Clg coil section -Horizontal - With Insulation - Outdoor	5460
	'Bolt On' Flat Filter Section - No Insulation - 2" filters      Filter Qty & Size: 6 - 16x20x2	1042
	Flat Filter Section: Indoor - No Insulation - 2" filters      Filter Qty & Size: 6 - 16x20x2	2344
	Flat Filter Section: Indoor - With Insulation - 2" filters      Filter Qty & Size: 6 - 16x20x2	2500
	Flat Filter Section: Indoor - With Insulation - 4" filters      Filter Qty & Size: 6 - 16x20x4	2500
	Flat Filter Section: Outdoor - With Insulation - 2" filters      Filter Qty & Size: 6 - 16x20x2	4453
	Flat Filter Section: Outdoor - With Insulation - 4" filters      Filter Qty & Size: 6 - 16x20x4	4453
	Comb. Angle Filter Sect. with 2 dampers: Indoor - With Insulation - Filter Qty & Size: 6 - 20x25x2	4259
	Mixing box and 2 dampers: Indoor - With Insulation	3622
	Mixing box less dampers: Indoor - With Insulation	3296
	Access sect. (20") - Indoor - With Insulation	2500
	Access sect. (20") - Outdoor - With Insulation	4453
	Fresh Air Intake Hood - Outdoor - Mesh Screen	3221
	Fresh Air Intake Hood - Outdoor - Aluminum Mesh Filter - Filter Qty & Size: 8 - 16x25x2	1976
Internal Isolators	1534	

**Notes:**

- Filters not included in price of any filter section or intake hood, see page 22 for filter prices
- Access section: other sizes available in 5" increments 15-50", consult factory for price

## KAC, KAF, KAH AIR HANDLERS

### MODEL 114

PRODUCT NUMBER	ITEM	LIST PRICE \$
KAF114FH-I	Fan section only - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	9907
KAF114FH-H	Fan section only - Forward Curved Fan - Horizontal - Outdoor Unit - No Insulation	11393
KAH114FH-I	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	11378
KAH114FH-H	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	12864
KAH-114FV-I	Fan section & Heating coil sect. - Forward Curved Fan - Vertical - Indoor Unit - No Insulation (less drain pan)	11378
KAC114FH-I	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - With Insulation	12351
KAC114FH-H	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	13837
KAC114FV-I	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Vertical - Indoor Unit - With Insulation	13457
<b>OPTIONS AND ACCESSORIES</b>	Fan section insulation (KAF & KAH only)	807
	Fan Head Drain Pan - Aluminium	573
	Htg. coil section insulation (KAH only)	312
	Aux. Htg. coil sect. - Indoor - No Insulation (8 row max.- Horizontal only)	1521
	Aux. Htg. coil sect. - Indoor - With Insulation (8 row max.- Horizontal only)	2167
	Aux. Htg. coil sect. - Outdoor - With Insulation (8 row max.- Horizontal only)	2890
	Htg/Clg coil section -Horizontal - With Insulation - Indoor	2910
	Htg/Clg coil section -Horizontal - With Insulation - Outdoor	5528
	'Bolt On' Flat Filter Section - No Insulation - 2" filters      Filter Qty & Size: 6 - 16x25x2	1269
	Flat Filter Section: Indoor - No Insulation - 2" filters      Filter Qty & Size: 6 - 16x25x2	2854
	Flat Filter Section: Indoor - With Insulation - 2" filters      Filter Qty & Size: 6 - 16x25x2	3011
	Flat Filter Section: Indoor - With Insulation - 4" filters      Filter Qty & Size: 6 - 16x25x4	3011
	Flat Filter Section: Outdoor - With Insulation - 2" filters      Filter Qty & Size: 6 - 16x25x2	5423
	Flat Filter Section: Outdoor - With Insulation - 4" filters      Filter Qty & Size: 6 - 16x25x4	5423
	Angle Filter Section: No Insulation - Indoor - 2" filters      Filter Qty & Size: 2 - 16x25x2, 6 - 20x25x2	2491
	Angle Filter Section: With Insulation - Indoor - 2" filters      Filter Qty & Size: 2 - 16x25x2, 6 - 20x25x2	2803
	Angle Filter Section: With Insulation - Outdoor - 2" filters      Filter Qty & Size: 2 - 16x25x2, 6 - 20x25x2	4732
	Comb. Angle Filter Sect. with 2 dampers: Indoor - With Insulation - Filter Qty & Size: 2 - 16x25x2, 6 - 20x25x2	4431
	Internal face/bypass section: Indoor - With Insulation	3230
	Internal face/bypass section: Outdoor - With Insulation	6138
	Internal bypass section (less face dampers): Indoor - With Insulation	1615
	Internal bypass section (less face dampers): Outdoor - With Insulation	3069
	External face/bypass section: Indoor - With Insulation (top bypass only)	4587
	External face/bypass section: Outdoor - With Insulation (top bypass only)	8715
	Mixing box and 2 dampers: Indoor - With Insulation	3883
	Mixing box less dampers: Indoor - With Insulation	3417
	Access sect. (20") - Indoor - With Insulation	3011
	Access sect. (20") - Outdoor - With Insulation	5423
	Fresh Air Intake Hood - Outdoor - Mesh Screen	3388
	Fresh Air Intake Hood - Outdoor - Aluminum Mesh Filter - Filter Qty & Size: 8 - 20x25x2	2044
	Internal Isolators	1534

**Notes:**

- Filters not included in price of any filter section or intake hood, see page 22 for filter prices
- Access section: other sizes available in 5" increments 15-50", consult factory for price

## KAC, KAF, KAH AIR HANDLERS

### MODEL 117

PRODUCT NUMBER	ITEM	LIST PRICE \$
KAF117FH-I	Fan section only - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	10960
KAF117FH-H	Fan section only - Forward Curved Fan - Horizontal - Outdoor Unit - No Insulation	12604
KAH117FH-I	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	12570
KAH117FH-H	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	14214
KAH-117FV-I	Fan section & Heating coil sect. - Forward Curved Fan - Vertical - Indoor Unit - No Insulation (less drain pan)	12570
KAC117FH-I	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - With Insulation	13630
KAC117FH-H	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	15274
KAC117FV-I	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Vertical - Indoor Unit - With Insulation	14845
<b>OPTIONS AND ACCESSORIES</b>	Fan section insulation (KAF & KAH only)	1724
	Fan Head Drain Pan - Aluminium	645
	Htg. coil section insulation (KAH only)	386
	Aux. Htg. coil sect. - Indoor - No Insulation (8 row max.- Horizontal only)	1724
	Aux. Htg. coil sect. - Indoor - With Insulation (8 row max.- Horizontal only)	2457
	Aux. Htg. coil sect. - Outdoor - With Insulation (8 row max.- Horizontal only)	3276
	Htg/Clg coil section -Horizontal - With Insulation - Indoor	3195
	Htg/Clg coil section -Horizontal - With Insulation - Outdoor	6071
	'Bolt On' Flat Filter Section - No Insulation - 2" filters      Filter Qty & Size: 4 - 16x20x2, 4 - 16x25x2	1335
	Flat Filter Section: Indoor - No Insulation - 2" filters      Filter Qty & Size: 4 - 16x20x2, 4 - 16x25x2	3005
	Flat Filter Section: Indoor - With Insulation - 2" filters      Filter Qty & Size: 4 - 16x20x2, 4 - 16x25x2	3198
	Flat Filter Section: Indoor - With Insulation - 4" filters      Filter Qty & Size: 4 - 16x20x4, 4 - 16x25x4	3198
	Flat Filter Section: Outdoor - With Insulation - 2" filters      Filter Qty & Size: 4 - 16x20x2, 4 - 16x25x2	5709
	Flat Filter Section: Outdoor - With Insulation - 4" filters      Filter Qty & Size: 4 - 16x20x4, 4 - 16x25x4	5709
	Angle Filter Section: No Insulation - Indoor - 2" filters      Filter Qty & Size: 8 - 20x25x2	2754
	Angle Filter Section: With Insulation - Indoor - 2" filters      Filter Qty & Size: 8 - 20x25x2	3140
	Angle Filter Section: With Insulation - Outdoor - 2" filters      Filter Qty & Size: 8 - 20x25x2	5232
	Comb. Angle Filter Sect. with 2 dampers: Indoor - With Insulation - Filter Qty & Size: 8 - 20x25x2	5076
	Internal face/bypass section: Indoor - With Insulation	3963
	Internal face/bypass section: Outdoor - With Insulation	7531
	Internal bypass section (less face dampers): Indoor - With Insulation	1982
	Internal bypass section (less face dampers): Outdoor - With Insulation	3765
	External face/bypass section: Indoor - With Insulation (top bypass only)	4661
	External face/bypass section: Outdoor - With Insulation (top bypass only)	8855
	Mixing box and 2 dampers: Indoor - With Insulation	4259
	Mixing box less dampers: Indoor - With Insulation	3942
	Access sect. (20") - Indoor - With Insulation	3198
	Access sect. (20") - Outdoor - With Insulation	5709
	Fresh Air Intake Hood - Outdoor - Mesh Screen	3693
	Fresh Air Intake Hood - Outdoor - Aluminum Mesh Filter - Filter Qty & Size: 4 - 20x25x2 & 4 - 25x25x2	2249
	Internal Isolators	1534

**Notes:**

- Filters not included in price of any filter section or intake hood, see page 22 for filter prices
- Access section: other sizes available in 5" increments 15-50", consult factory for price

## KAC, KAF, KAH AIR HANDLERS

### MODEL 122

PRODUCT NUMBER	ITEM	LIST PRICE \$
KAF122FH-I	Fan section only - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	13503
KAF122FH-H	Fan section only - Forward Curved Fan - Horizontal - Outdoor Unit - No Insulation	15529
KAH122FH-I	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	15361
KAH122FH-H	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	17387
KAH-122FV-I	Fan section & Heating coil sect. - Forward Curved Fan - Vertical - Indoor Unit - No Insulation (less drain pan)	15361
KAC122FH-I	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - With Insulation	16484
KAC122FH-H	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	18510
KAC122FV-I	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Vertical - Indoor Unit - With Insulation	18536
<b>OPTIONS AND ACCESSORIES</b>	Fan section insulation (KAF & KAH only)	1269
	Fan Head Drain Pan - Aluminium	697
	Htg. coil section insulation (KAH only)	494
	Aux. Htg. coil sect. - Indoor - No Insulation (8 row max.- Horizontal only)	1967
	Aux. Htg. coil sect. - Indoor - With Insulation (8 row max.- Horizontal only)	2803
	Aux. Htg. coil sect. - Outdoor - With Insulation (8 row max.- Horizontal only)	3737
	Htg/Clg coil section -Horizontal - With Insulation - Indoor	3600
	Htg/Clg coil section -Horizontal - With Insulation - Outdoor	6841
	'Bolt On' Flat Filter Section - No Insulation - 2" filters      Filter Qty & Size: 12 - 16x20x2	1676
	Flat Filter Section: Indoor - No Insulation - 2" filters      Filter Qty & Size: 12 - 16x20x2	3771
	Flat Filter Section: Indoor - With Insulation - 2" filters      Filter Qty & Size: 12 - 16x20x2	4018
	Flat Filter Section: Indoor - With Insulation - 4" filters      Filter Qty & Size: 12 - 16x20x4	4018
	Flat Filter Section: Outdoor - With Insulation - 2" filters      Filter Qty & Size: 12 - 16x20x2	7165
	Flat Filter Section: Outdoor - With Insulation - 4" filters      Filter Qty & Size: 12 - 16x20x4	7165
	Angle Filter Section: No Insulation - Indoor - 2" filters      Filter Qty & Size: 16 - 16x25x2	3161
	Angle Filter Section: With Insulation - Indoor - 2" filters      Filter Qty & Size: 16 - 16x25x2	3655
	Angle Filter Section: With Insulation - Outdoor - 2" filters      Filter Qty & Size: 16 - 16x25x2	6006
	Comb. Angle Filter Sect. with 2 dampers: Indoor - With Insulation - Filter Qty & Size: 16 - 16x25x2	5673
	Internal face/bypass section: Indoor - With Insulation	4241
	Internal face/bypass section: Outdoor - With Insulation	8058
	Internal bypass section (less face dampers): Indoor - With Insulation	2121
	Internal bypass section (less face dampers): Outdoor - With Insulation	4029
	External face/bypass section: Indoor - With Insulation (top bypass only)	5902
	External face/bypass section: Outdoor - With Insulation (top bypass only)	11215
	Mixing box and 2 dampers: Indoor - With Insulation	5081
	Mixing box less dampers: Indoor - With Insulation	4659
	Access sect. (20") - Indoor - With Insulation	4018
	Access sect. (20") - Outdoor - With Insulation	7165
	Fresh Air Intake Hood - Outdoor - Mesh Screen	3929
	Fresh Air Intake Hood - Outdoor - Aluminum Mesh Filter - Filter Qty & Size: 8 - 25x25x2	2385
	Internal Isolators	1534

**Notes:**

- Filters not included in price of any filter section or intake hood, see page 22 for filter prices
- Access section: other sizes available in 5" increments 15-50", consult factory for price

## KAC, KAF, KAH AIR HANDLERS

### MODEL 128

PRODUCT NUMBER	ITEM	LIST PRICE \$
KAF128FH-I	Fan section only - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	18197
KAF128FH-H	Fan section only - Forward Curved Fan - Horizontal - Outdoor Unit - No Insulation	20927
KAH128FH-I	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	20739
KAH128FH-H	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	23468
KAH-128FV-I	Fan section & Heating coil sect. - Forward Curved Fan - Vertical - Indoor Unit - No Insulation (less drain pan)	20739
KAC128FH-I	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - With Insulation	21312
KAC128FH-H	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	24041
KAC128FV-I	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Vertical - Indoor Unit - With Insulation	23583
OPTIONS AND ACCESSORIES	Fan section insulation (KAF & KAH only)	1481
	Fan Head Drain Pan - Aluminium	824
	Htg. coil section insulation (KAH only)	577
	Aux. Htg. coil sect. - Indoor - No Insulation (8 row max.- Horizontal only)	2993
	Aux. Htg. coil sect. - Indoor - With Insulation (8 row max.- Horizontal only)	4264
	Aux. Htg. coil sect. - Outdoor - With Insulation (8 row max.- Horizontal only)	5686
	Htg/Clg coil section -Horizontal - With Insulation - Indoor	3985
	Htg/Clg coil section -Horizontal - With Insulation - Outdoor	7572
	'Bolt On' Flat Filter Section - No Insulation - 2" filters      Filter Qty & Size: 12 - 20x20x2	1946
	Flat Filter Section: Indoor - No Insulation - 2" filters      Filter Qty & Size: 12 - 20x20x2	4378
	Flat Filter Section: Indoor - With Insulation - 2" filters      Filter Qty & Size: 12 - 20x20x2	4666
	Flat Filter Section: Indoor - With Insulation - 4" filters      Filter Qty & Size: 12 - 20x20x4	4666
	Flat Filter Section: Outdoor - With Insulation - 2" filters      Filter Qty & Size: 12 - 20x20x2	8318
	Flat Filter Section: Outdoor - With Insulation - 4" filters      Filter Qty & Size: 12 - 20x20x4	8318
	Angle Filter Section: No Insulation - Indoor - 2" filters      Filter Qty & Size: 12 - 20x25x2	3668
	Angle Filter Section: With Insulation - Indoor - 2" filters      Filter Qty & Size: 12 - 20x25x2	4245
	Angle Filter Section: With Insulation - Outdoor - 2" filters      Filter Qty & Size: 12 - 20x25x2	6970
	Comb. Angle Filter Sect. with 2 dampers: Indoor - With Insulation - Filter Qty & Size: 12 - 20x25x2	7127
	Internal face/bypass section: Indoor - With Insulation	4914
	Internal face/bypass section: Outdoor - With Insulation	9337
	Internal bypass section (less face dampers): Indoor - With Insulation	2457
	Internal bypass section (less face dampers): Outdoor - With Insulation	4669
	External face/bypass section: Indoor - With Insulation (top bypass only)	6844
	External face/bypass section: Outdoor - With Insulation (top bypass only)	13003
	Mixing box and 2 dampers: Indoor - With Insulation	5937
	Mixing box less dampers: Indoor - With Insulation	5581
	Access sect. (20") - Indoor - With Insulation	4666
	Access sect. (20") - Outdoor - With Insulation	8318
	Fresh Air Intake Hood - Outdoor - Mesh Screen	6663
	Fresh Air Intake Hood - Outdoor - Aluminum Mesh Filter - Filter Qty & Size: 24 - 16x20x2	3203
	Internal Isolators	1534

**Notes:**

- Filters not included in price of any filter section or intake hood, see page 22 for filter prices
- Access section: other sizes available in 5" increments 15-50", consult factory for price

## KAC, KAF, KAH AIR HANDLERS

### MODEL 137

PRODUCT NUMBER	ITEM	LIST PRICE \$
KAF137FH-I	Fan section insulation (KAF & KAH only)	22901
KAF137FH-H	Htg. coil section insulation (KAH only)	26336
KAH137FH-I	Aux. Htg. coil sect. - Indoor - No Insulation (8 row max.- Horizontal only)	26096
KAH137FH-H	Aux. Htg. coil sect. - Indoor - With Insulation (8 row max.- Horizontal only)	29531
KAC137FH-I	Aux. Htg. coil sect. - Outdoor - With Insulation (8 row max.- Horizontal only)	29316
KAC137FH-H	Htg/Clg coil section -Horizontal - With Insulation - Indoor	32751
<b>OPTIONS AND ACCESSORIES</b>	Fan section insulation (KAF & KAH only)	2306
	Htg. coil section insulation (KAH only)	764
	Aux. Htg. coil sect. - Indoor - No Insulation (8 row max.- Horizontal only)	4162
	Aux. Htg. coil sect. - Indoor - With Insulation (8 row max.- Horizontal only)	5931
	Aux. Htg. coil sect. - Outdoor - With Insulation (8 row max.- Horizontal only)	7909
	Htg/Clg coil section -Horizontal - With Insulation - Indoor	7269
	Htg/Clg coil section -Horizontal - With Insulation - Outdoor	13810
	'Bolt On' Flat Filter Section - No Insulation - 2" filters      Filter Qty & Size: 2 - 16x20x2	2219
	Flat Filter Section: Indoor - No Insulation - 2" filters      Filter Qty & Size: 12 - 20x25x2	4994
	Flat Filter Section: Indoor - With Insulation - 2" filters      Filter Qty & Size: 12 - 20x25x2	5376
	Flat Filter Section: Indoor - With Insulation - 4" filters      Filter Qty & Size: 12 - 20x25x4	5376
	Flat Filter Section: Outdoor - With Insulation - 2" filters      Filter Qty & Size: 12 - 20x25x2	9488
	Flat Filter Section: Outdoor - With Insulation - 4" filters      Filter Qty & Size: 12 - 20x25x4	9488
	Angle Filter Section: No Insulation - Indoor - 2" filters      Filter Qty & Size: 16 - 20x25x2	4168
	Angle Filter Section: With Insulation - Indoor - 2" filters      Filter Qty & Size: 16 - 20x25x2	4932
	Angle Filter Section: With Insulation - Outdoor - 2" filters      Filter Qty & Size: 16 - 20x25x2	7919
	Comb. Angle Filter Sect. with 2 dampers: Indoor - With Insulation - Filter Qty & Size: 16 - 20x25x2	8944
	Internal face/bypass section: Indoor - With Insulation	6566
	Internal face/bypass section: Outdoor - With Insulation	12476
	Internal bypass section (less face dampers): Indoor - With Insulation	3283
	Internal bypass section (less face dampers): Outdoor - With Insulation	6238
	External face/bypass section: Indoor - With Insulation (top bypass only)	9099
	External face/bypass section: Outdoor - With Insulation (top bypass only)	17289
	Mixing box and 2 dampers: Indoor - With Insulation	7968
	Mixing box less dampers: Indoor - With Insulation	7020
	Access sect. (20") - Indoor - With Insulation	5376
	Access sect. (20") - Outdoor - With Insulation	9488
	Fresh Air Intake Hood - Outdoor - Mesh Screen	7038
	Fresh Air Intake Hood - Outdoor - Aluminum Mesh Filter - Filter Qty & Size: 24 - 16x20x2	3578
	Internal Isolators	2143

**Notes:**

- Filters not included in price of any filter section or intake hood, see page 22 for filter prices
- Access section: other sizes available in 5" increments 15-50", consult factory for price

## KAC, KAF, KAH AIR HANDLERS

### MODEL 141

PRODUCT NUMBER	ITEM	LIST PRICE \$
<b>KAF141FH-I</b>	Fan section only - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	<b>29152</b>
<b>KAF141FH-H</b>	Fan section only - Forward Curved Fan - Horizontal - Outdoor Unit - No Insulation	<b>33524</b>
<b>KAH141FH-I</b>	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	<b>33385</b>
<b>KAH141FH-H</b>	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	<b>37758</b>
<b>KAC141FH-I</b>	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - With Insulation	<b>35077</b>
<b>KAC141FH-H</b>	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	<b>39450</b>
<b>OPTIONS AND ACCESSORIES</b>	Fan section insulation (KAF & KAH only)	<b>2575</b>
	Htg. coil section insulation (KAH only)	<b>957</b>
	Aux. Htg. coil sect. - Indoor - No Insulation (8 row max.- Horizontal only)	<b>4766</b>
	Aux. Htg. coil sect. - Indoor - With Insulation (8 row max.- Horizontal only)	<b>6792</b>
	Aux. Htg. coil sect. - Outdoor - With Insulation (8 row max.- Horizontal only)	<b>9055</b>
	Htg/Clg coil section -Horizontal - With Insulation - Indoor	<b>7179</b>
	Htg/Clg coil section -Horizontal - With Insulation - Outdoor	<b>13640</b>
	'Bolt On' Flat Filter Section - No Insulation - 2" filters Filter Qty & Size: 18 - 20x20x2	<b>2615</b>
	Flat Filter Section: Indoor - No Insulation - 2" filters Filter Qty & Size: 18 - 20x20x2	<b>5883</b>
	Flat Filter Section: Indoor - With Insulation - 2" filters Filter Qty & Size: 18 - 20x20x2	<b>6362</b>
	Flat Filter Section: Indoor - With Insulation - 4" filters Filter Qty & Size: 18 - 20x20x4	<b>6362</b>
	Flat Filter Section: Outdoor - With Insulation - 2" filters Filter Qty & Size: 18 - 20x20x2	<b>11178</b>
	Flat Filter Section: Outdoor - With Insulation - 4" filters Filter Qty & Size: 18 - 20x20x4	<b>11178</b>
	Angle Filter Section: No Insulation - Indoor - 2" filters Filter Qty & Size: 24 - 20x20x2	<b>4946</b>
	Angle Filter Section: With Insulation - Indoor - 2" filters Filter Qty & Size: 24 - 20x20x2	<b>5904</b>
	Angle Filter Section: With Insulation - Outdoor - 2" filters Filter Qty & Size: 24 - 20x20x2	<b>9398</b>
	Comb. Angle Filter Sect. with 2 dampers: Indoor - With Insulation - Filter Qty & Size: 24 - 20x20x2	<b>9750</b>
	Internal face/bypass section: Indoor - With Insulation	<b>7240</b>
	Internal face/bypass section: Outdoor - With Insulation	<b>13757</b>
	Internal bypass section (less face dampers): Indoor - With Insulation	<b>3620</b>
	Internal bypass section (less face dampers): Outdoor - With Insulation	<b>6878</b>
	External face/bypass section: Indoor - With Insulation (top bypass only)	<b>5232</b>
	External face/bypass section: Outdoor - With Insulation (top bypass only)	<b>9941</b>
	Mixing box and 2 dampers: Indoor - With Insulation	<b>8811</b>
	Mixing box less dampers: Indoor - With Insulation	<b>7785</b>
	Access sect. (20") - Indoor - With Insulation	<b>6362</b>
	Access sect. (20") - Outdoor - With Insulation	<b>11178</b>
	Fresh Air Intake Hood - Outdoor - Mesh Screen	<b>12147</b>
	Fresh Air Intake Hood - Outdoor - Aluminum Mesh Filter - Filter Qty & Size: 16 - 16x20x2 & 8 - 20x20x2	<b>8595</b>
	Internal Isolators	<b>2143</b>

**Notes:**

- Filters not included in price of any filter section or intake hood, see page 22 for filter prices
- Access section: other sizes available in 5" increments 15-50", consult factory for price

## KAC, KAF, KAH AIR HANDLERS

### MODEL 150

PRODUCT NUMBER	ITEM	LIST PRICE \$
<b>KAF150FH-I</b>	Fan section only - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	35234
<b>KAF150FH-H</b>	Fan section only - Forward Curved Fan - Horizontal - Outdoor Unit - No Insulation	40519
<b>KAH150FH-I</b>	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	40158
<b>KAH150FH-H</b>	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	45443
<b>KAC150FH-I</b>	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - With Insulation	43333
<b>KAC150FH-H</b>	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	48619
<b>OPTIONS AND ACCESSORIES</b>	Fan section insulation (KAF & KAH only)	2600
	Htg. coil section insulation (KAH only)	1151
	Aux. Htg. coil sect. - Indoor - No Insulation (8 row max.- Horizontal only)	5832
	Aux. Htg. coil sect. - Indoor - With Insulation (8 row max.- Horizontal only)	8310
	Aux. Htg. coil sect. - Outdoor - With Insulation (8 row max.- Horizontal only)	11080
	Htg/Clg coil section -Horizontal - With Insulation - Indoor	9760
	Htg/Clg coil section -Horizontal - With Insulation - Outdoor	18545
	'Bolt On' Flat Filter Section - No Insulation - 2" filters      Filter Qty & Size: 12 - 20x25x2, 6 - 20x20x2	2930
	Flat Filter Section: Indoor - No Insulation - 2" filters      Filter Qty & Size: 12 - 20x25x2, 6 - 20x20x2	6592
	Flat Filter Section: Indoor - With Insulation - 2" filters      Filter Qty & Size: 12 - 20x25x2, 6 - 20x20x2	7168
	Flat Filter Section: Indoor - With Insulation - 4" filters      Filter Qty & Size: 12 - 20x25x4, 6 - 20x20x4	7168
	Flat Filter Section: Outdoor - With Insulation - 2" filters      Filter Qty & Size: 12 - 20x25x2, 6 - 20x20x2	12525
	Flat Filter Section: Outdoor - With Insulation - 4" filters      Filter Qty & Size: 12 - 20x25x4, 6 - 20x20x4	12525
	Angle Filter Section: No Insulation - Indoor - 2" filters      Filter Qty & Size: 24 - 20x25x2	5531
	Angle Filter Section: With Insulation - Indoor - 2" filters      Filter Qty & Size: 24 - 20x25x2	6682
	Angle Filter Section: With Insulation - Outdoor - 2" filters      Filter Qty & Size: 24 - 20x25x2	10509
	Comb. Angle Filter Sect. with 2 dampers: Indoor - With Insulation - Filter Qty & Size: 24 - 20x25x2	11705
	Internal face/bypass section: Indoor - With Insulation	8418
	Internal face/bypass section: Outdoor - With Insulation	15995
	Internal bypass section (less face dampers): Indoor - With Insulation	4209
	Internal bypass section (less face dampers): Outdoor - With Insulation	7997
	External face/bypass section: Indoor - With Insulation (top bypass only)	11590
	External face/bypass section: Outdoor - With Insulation (top bypass only)	22021
	Mixing box and 2 dampers: Indoor - With Insulation	10586
	Mixing box less dampers: Indoor - With Insulation	9344
	Access sect. (20") - Indoor - With Insulation	7168
	Access sect. (20") - Outdoor - With Insulation	12525
	Fresh Air Intake Hood - Outdoor - Mesh Screen	12436
	Fresh Air Intake Hood - Outdoor - Aluminum Mesh Filter - Filter Qty & Size: 8 - 16x25x2 & 16 - 20x25x2	8595
	Internal Isolators	2143

**Notes:**

- Filters not included in price of any filter section or intake hood, see page 22 for filter prices
- Access section: other sizes available in 5" increments 15-50", consult factory for price



## KAC, KAF, KAH AIR HANDLERS

### MODEL 164

PRODUCT NUMBER	ITEM	LIST PRICE \$
<b>KAF164FH-I</b>	Fan section only - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	<b>43093</b>
<b>KAF164FH-H</b>	Fan section only - Forward Curved Fan - Horizontal - Outdoor Unit - No Insulation	<b>49557</b>
<b>KAH164FH-I</b>	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	<b>48302</b>
<b>KAH164FH-H</b>	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	<b>54766</b>
<b>KAC164FH-I</b>	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - With Insulation	<b>50404</b>
<b>KAC164FH-H</b>	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	<b>56868</b>
<b>OPTIONS AND ACCESSORIES</b>	Fan section insulation (KAF & KAH only)	<b>2663</b>
	Htg. coil section insulation (KAH only)	<b>1505</b>
	Aux. Htg. coil sect. - Indoor - No Insulation (8 row max.- Horizontal only)	<b>7070</b>
	Aux. Htg. coil sect. - Indoor - With Insulation (8 row max.- Horizontal only)	<b>10074</b>
	Aux. Htg. coil sect. - Outdoor - With Insulation (8 row max.- Horizontal only)	<b>13432</b>
	Htg/Clg coil section -Horizontal - With Insulation - Indoor	<b>9380</b>
	Htg/Clg coil section -Horizontal - With Insulation - Outdoor	<b>17822</b>
	'Bolt On' Flat Filter Section - No Insulation - 2" filters      Filter Qty & Size: 6 - 20x25x2, 18 - 20x20x2	<b>3351</b>
	Flat Filter Section: Indoor - No Insulation - 2" filters      Filter Qty & Size: 6 - 20x25x2, 18 - 20x20x2	<b>7539</b>
	Flat Filter Section: Indoor - With Insulation - 2" filters      Filter Qty & Size: 6 - 20x25x2, 18 - 20x20x2	<b>8291</b>
	Flat Filter Section: Indoor - With Insulation - 4" filters      Filter Qty & Size: 6 - 20x25x4, 18 - 20x20x4	<b>8291</b>
	Flat Filter Section: Outdoor - With Insulation - 2" filters      Filter Qty & Size: 6 - 20x25x2, 18 - 20x20x2	<b>14323</b>
	Flat Filter Section: Outdoor - With Insulation - 4" filters      Filter Qty & Size: 6 - 20x25x4, 18 - 20x20x4	<b>14323</b>
	Angle Filter Section: No Insulation - Indoor - 2" filters      Filter Qty & Size: 30 - 20x25x2	<b>6324</b>
	Angle Filter Section: With Insulation - Indoor - 2" filters      Filter Qty & Size: 30 - 20x25x2	<b>7829</b>
	Angle Filter Section: With Insulation - Outdoor - 2" filters      Filter Qty & Size: 30 - 20x25x2	<b>12016</b>
	Comb. Angle Filter Sect. with 2 dampers: Indoor - With Insulation - Filter Qty & Size: 30 - 20x25x2	<b>14550</b>
	Internal face/bypass section: Indoor - With Insulation	<b>10156</b>
	Internal face/bypass section: Outdoor - With Insulation	<b>19296</b>
	Internal bypass section (less face dampers): Indoor - With Insulation	<b>5078</b>
	Internal bypass section (less face dampers): Outdoor - With Insulation	<b>9648</b>
	External face/bypass section: Indoor - With Insulation (top bypass only)	<b>13931</b>
	External face/bypass section: Outdoor - With Insulation (top bypass only)	<b>26469</b>
	Mixing box and 2 dampers: Indoor - With Insulation	<b>13239</b>
	Mixing box less dampers: Indoor - With Insulation	<b>11690</b>
	Access sect. (20") - Indoor - With Insulation	<b>8291</b>
	Access sect. (20") - Outdoor - With Insulation	<b>14323</b>
	Fresh Air Intake Hood - Outdoor - Mesh Screen	<b>18349</b>
	Fresh Air Intake Hood - Outdoor - Aluminum Mesh Filter - Filter Qty & Size: 24 - 16x25x2 & 6 - 20x25x2 & 6 - 25x25x2	<b>12449</b>
	Internal Isolators	<b>2143</b>

**Notes:**

- Filters not included in price of any filter section or intake hood, see page 22 for filter prices
- Access section: other sizes available in 5" increments 15-50", consult factory for price

## KAC, KAF, KAH AIR HANDLERS

### MODEL 182

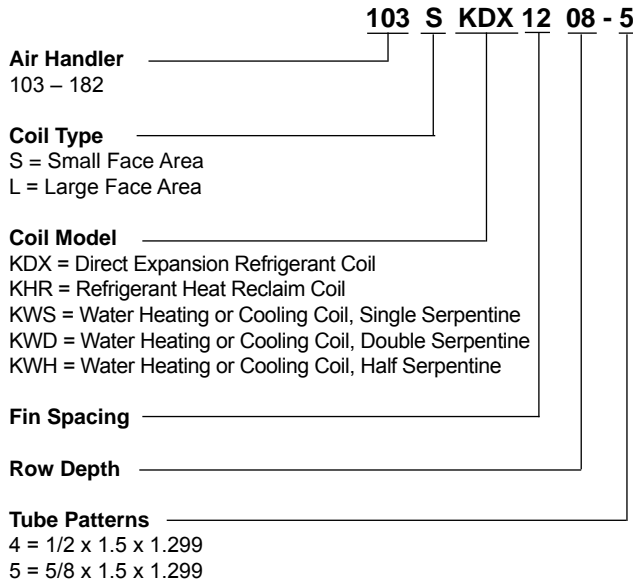
PRODUCT NUMBER	ITEM	LIST PRICE \$
<b>KAF182FH-I</b>	Fan section only - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	<b>55213</b>
<b>KAF182FH-H</b>	Fan section only - Forward Curved Fan - Horizontal - Outdoor Unit - No Insulation	<b>63495</b>
<b>KAH182FH-I</b>	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - No Insulation	<b>61888</b>
<b>KAH182FH-H</b>	Fan section & Htg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	<b>70170</b>
<b>KAC182FH-I</b>	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Indoor Unit - With Insulation	<b>64581</b>
<b>KAC182FH-H</b>	Fan section & Htg/Clg coil sect. - Forward Curved Fan - Horizontal - Outdoor Unit - With Insulation	<b>72863</b>
<b>OPTIONS AND ACCESSORIES</b>	Fan section insulation (KAF & KAH only)	<b>3412</b>
	Htg. coil section insulation (KAH only)	<b>1928</b>
	Aux. Htg. coil sect. - Indoor - No Insulation (8 row max.- Horizontal only)	<b>9058</b>
	Aux. Htg. coil sect. - Indoor - With Insulation (8 row max.- Horizontal only)	<b>12907</b>
	Aux. Htg. coil sect. - Outdoor - With Insulation (8 row max.- Horizontal only)	<b>17210</b>
	Htg/Clg coil section -Horizontal - With Insulation - Indoor	<b>12018</b>
	Htg/Clg coil section -Horizontal - With Insulation - Outdoor	<b>22834</b>
	Flat Filter Section: Indoor KAF ONLY - No Insulation - 2" filters Filter Qty & Size: 6 - 20x25x2, 18 - 20x20x2	<b>3351</b>
	Flat Filter Section: Indoor - No Insulation - 2" Filters Qty & Size: 6 - 20x25x2, 18 - 20x20x2, 6 - 16x20x2, 2 - 16x25x2	<b>7539</b>
	Flat Filter Section: Indoor - With Insulation - 2" Filters Qty & Size: 6 - 20x25x2, 18 - 20x20x2, 6 - 16x20x2, 2 - 16x25x2	<b>8503</b>
	Flat Filter Section: Indoor - With Insulation - 4" Filters Qty & Size: 6 - 20x25x4, 18 - 20x20x4, 6 - 16x20x4, 2 - 16x25x4	<b>8503</b>
	Flat Filter Section: Outdoor - With Insulation - 2" Filters Qty & Size: 6 - 20x25x2, 18 - 20x20x2, 6 - 16x20x2, 2 - 16x25x2	<b>14323</b>
	Flat Filter Section: Outdoor - With Insulation - 4" Filters Qty & Size: 6 - 20x25x4, 18 - 20x20x4, 6 - 16x20x4, 2 - 16x25x4	<b>14323</b>
	Angle Filter Section: No Insulation - Indoor - 2" filters Filter Qty & Size: 8 - 20x20x2 & 32- 20x25x2	<b>8103</b>
	Angle Filter Section: With Insulation - Indoor - 2" filters Filter Qty & Size: 8 - 20x20x2 & 32- 20x25x2	<b>10031</b>
	Angle Filter Section: With Insulation - Outdoor - 2" filters Filter Qty & Size: 8 - 20x20x2 & 32- 20x25x2	<b>15396</b>
	Comb. Angle Filter Sect. with 2 dampers: Indoor - With Insulation - Filter Qty & Size: 8 - 20x20x2 & 32- 20x25x2	<b>18643</b>
	Internal face/bypass section: Indoor - With Insulation	<b>13012</b>
	Internal face/bypass section: Outdoor - With Insulation	<b>24723</b>
	Internal bypass section (less face dampers): Indoor - With Insulation	<b>6506</b>
	Internal bypass section (less face dampers): Outdoor - With Insulation	<b>12361</b>
	External face/bypass section: Indoor - With Insulation (top bypass only)	<b>17849</b>
	External face/bypass section: Outdoor - With Insulation (top bypass only)	<b>33913</b>
	Mixing box and 2 dampers: Indoor - With Insulation	<b>16963</b>
	Mixing box less dampers: Indoor - With Insulation	<b>14978</b>
	Access sect. (20") - Indoor - With Insulation	<b>8503</b>
	Access sect. (20") - Outdoor - With Insulation	<b>14323</b>
	Fresh Air Intake Hood - Outdoor - Mesh Screen	<b>22597</b>
	Fresh Air Intake Hood - Outdoor - Aluminum Mesh Filter - Filter Qty & Size: 12 - 20x25x2 & 24 - 25x25x2	<b>15950</b>
	Internal Isolators	<b>2143</b>

**Notes:**

- Filters not included in price of any filter section or intake hood, see page 22 for filter prices
- Access section: other sizes available in 5" increments 15-50", consult factory for price

## KAC, KAF, KAH AIR HANDLER COILS

### NOMENCLATURE



### Coil Construction and Materials

Consult price notes in Free Standing Coil price sheets.

### Auxiliary Coil Section

Non insulated heating coil section as used on KAF models accepts coils to maximum 8 row depth.

### Heating/Cooling Coil Section (KAC Models)

Maximum 10 rows of coils depth may be accommodated in insulated coil section; provided with drain pan and male pipe thread drain fitting located on same end of unit as coil connections.

### Double Coils (Models 137 to 182)

Models 150 and 164 feature two coils on small and large face area (upper and lower coils).

Models 141 and 137 has double coils for large face area.

Each coil is provided with individual end plates and top and bottom plates. The upper coil is "stacked" on the lower coil. Intermediate drain pans are supplied on upper cooling coils to remove condensate from the upper coil surface thus eliminating moisture carryover.

**OTHER OPTIONS AVAILABLE AT YOUR REQUEST -  
CONSULT FACTORY FOR PRICING**

### SMALL FACE AREA COILS

MODEL	COIL SIZES (FACE AREA)	FPI	ROWS DEEP							
			1	2	3	4	5	6	8	
			LIST PRICE \$							
114	1-24" x 65.5" (10.9 sq-ft)	8	2551	3380	3899	4932	6102	6959	8198	
		10	2584	3446	3997	5061	6264	7158	8461	
		12	2614	3517	4108	5205	6444	7373	8752	
117	1-24" x 80.5" (13.4 sq-ft)	8	2932	3848	4475	5704	7095	8107	9571	
		10	2973	3928	4597	5862	7297	8351	9894	
		12	3016	4013	4737	6042	7522	8619	10254	
122	1-27" x 84.5" (15.9 sq-ft)	8	3245	4364	4946	6314	7674	9094	10728	
		10	3292	4458	5091	6507	7918	9382	11116	
		12	3343	4565	5249	6721	8182	9704	11540	
128	1-27" x 107.5" (20.2 sq-ft)	8	3857	5230	5951	7686	9599	11123	13154	
		10	3918	5354	6131	7930	9906	11490	13605	
		12	3987	5493	6336	8198	10238	11894	14143	
137	1-39" x 107.5" (29.2 sq-ft)	8	5154	7177	7937	9991	12678	14947	17624	
		10	5240	7354	8201	10348	13122	15483	18332	
		12	5340	7553	8493	10734	13609	16066	18759	
141	1-42" x 107.5" (31.4 sq-ft)	8	5498	7667	8533	10557	13396	16011	19113	
		10	5603	7854	8806	10937	13874	16482	19522	
		12	5697	8063	9129	11354	14395	17109	20356	
150	1-27" x 107.5" 1-24" x 107.5" (38.0 sq-ft)	8	7468	10005	11442	14732	18424	21282	25133	
		10	7581	10235	11790	15195	19003	22004	26056	
		12	7706	10492	12169	15702	19639	22762	27069	
164	2-33" x 107.5" (49.3 sq-ft)	8	8941	12398	13497	17718	22486	26054	30715	
		10	9090	12702	13947	18319	23297	26955	31915	
		12	9252	13032	14436	18971	24058	27937	33233	
182	2-33" x 139.5" (63.9 sq-ft)	8	11602	16089	17514	22992	29179	33810	39859	
		10	11796	16484	18099	23772	30232	34979	41415	
		12	12006	16911	18733	24618	31219	36253	43125	

## KAC, KAF, KAH AIR HANDLER COILS

### LARGE FACE AREA COILS

MODEL	COIL SIZES (FACE AREA)	FPI	ROWS DEEP							
			1	2	3	4	5	6	8	
			LIST PRICE \$							
103	1-15" x 21.5" (2.3 sq-ft)	8	1043	1375	1778	2213	2545	2722	3210	
		10	1052	1385	1803	2236	2581	2766	3270	
		12	1055	1406	1822	2268	2619	2810	3330	
104	1-18" x 27.5" (3.5 sq-ft)	8	1265	1742	2146	2631	3115	3402	4007	
		10	1272	1762	2175	2669	3168	3465	4095	
		12	1281	1786	2213	2719	3224	3538	4187	
106	1-21" x 37.5" (5.5 sq-ft)	8	1686	2207	2631	3298	3958	4389	5178	
		10	1707	2239	2684	3367	4041	4493	5311	
		12	1723	2276	2738	3440	4132	4597	5460	
108	1-30" x 35.5" (7.4 sq-ft)	8	2105	2739	3130	3848	4767	5606	6621	
		10	2127	2785	3197	3943	4884	5744	6808	
		12	2149	2834	3273	4035	5003	5893	7003	
111	1-30" x 50.5" (10.6 sq-ft)	8	2526	3380	3801	4771	5951	7013	8268	
		10	2359	3443	3899	4901	6112	7210	8530	
		12	2593	3515	4006	4973	6292	7417	8808	
114	1-30" x 65.5" (13.7 sq-ft)	8	3009	4007	4500	5694	7127	8402	9912	
		10	3052	3531	4625	5855	7335	8656	10239	
		12	3099	4183	4764	6039	7566	8932	10608	
117	1-30" x 80.5" (16.8 sq-ft)	8	3430	4544	5183	6621	9191	9826	11572	
		10	3487	4647	5335	6827	9448	10136	11980	
		12	3542	4765	5512	7063	9742	10484	12445	
122	1-36" x 84.5" (21.2 sq-ft)	8	4062	5511	6049	7730	9774	11354	13393	
		10	4129	5637	6244	7989	10101	11742	13909	
		12	4199	5779	6453	8274	10454	12163	14474	
128	1-36" x 107.5" (26.9 sq-ft)	8	4809	6690	7342	9423	11961	13985	16492	
		10	4895	6851	7585	9752	12368	14479	17144	
		12	4982	7032	7854	10112	12814	15015	17862	
137	2-24" x 107.5" (35.9 sq-ft)	8	7213	9546	10985	14101	17653	20372	24037	
		10	7322	9767	11316	14538	18200	21033	24911	
		12	7437	10005	11674	15015	18798	21766	25867	
141	2-27" x 107.5" (40.4 sq-ft)	8	7718	10468	11899	15309	19193	22243	26224	
		10	7838	10709	12270	15797	21065	22976	27211	
		12	7975	10978	12670	16337	20511	23784	28286	
150	2-33" x 107.5" (49.3 sq-ft)	8	8941	12398	13497	17718	22486	26054	30715	
		10	9090	12702	13947	18319	23234	26955	31915	
		12	9252	13032	14458	18971	24058	27937	33233	
164	2-42" x 107.5" (62.8 sq-ft)	8	11034	15786	16542	21333	27331	31299	36850	
		10	11225	16169	17112	22098	28291	32441	38378	
		12	11499	16589	17737	22933	30196	33698	40070	
182	2-42" x 139.5" (81.4 sq-ft)	8	14318	20485	21466	27683	35467	40616	47819	
		10	14567	20982	22206	28676	36712	42098	49802	
		12	14922	21526	23016	29760	39185	43729	51998	

## OPTIONS AND ACCESSORIES FOR KA\* UNITS

### DRIVES AND PULLEYS

MOTOR H.P.	DESCRIPTION	LIST PRICE \$
7.5 or less	Adjustable Motor Pulley - Fixed Drive Fan Pulley	1327
10		1555
15		3551
20		6399
25		7634
30		9248
40		11831
50		19361
60		24084
75		26708
100		31957

### MOTOR AND DRIVE MOUNTING

Prior to shipment, motors and drives are installed, undergo a test run and are checked for vibration.

### SINGLE PHASE MOTORS (TEFC)

POWER	DESCRIPTION	HP	FRAME	WT (lbs)	LIST PRICE \$
115/208-230/1/60	Totally Enclosed Fan Cooled 1800 RPM, 1.15 SERVICE FACTOR Rigid Base, Ball Bearing, Manual Overload Protection, Air Over Temp. Range: -20°F to +104°F	1/3	56HC	24	1374
		1/2	56HC	26	1433
		3/4	56HC	30	1491
		1	56HC	33	1607
		1-1/2	56HC	41	1831
208-230/1/60		2	56HC	51	2024

### FRACTIONAL HORSEPOWER 3 PHASE MOTORS (TEFC)

POWER	DESCRIPTION	HP	FRAME	WT (lbs)	LIST PRICE \$
208-230/460/575	Totally Enclosed Fan Cooled 1800 RPM, 1.15 SERVICE FACTOR Rigid Base, Ball Bearing, Air Over Temp. Range: -20°F to +104°F Inverter Duty	1/3	56HC	20	1211
		1/2	56HC	23	1245
		3/4	56HC	25	1332

### LARGE 3 PHASE MOTORS (TEFC)

POWER	DESCRIPTION	HP	FRAME	WT (lbs)	LIST PRICE \$		
208-230/460/575	Totally Enclosed Fan Cooled Class F Insulation, 1800 RPM, 1.15 SERVICE FACTOR, Air Over Temp. Range: -20°F to +104°F Inverter Duty	1	143T	40	1279		
		1.5	145T	48	1388		
		2	145T	51	1446		
		3	182T	89	2086		
		5	184T	101	2247		
		7.5	213T	136	3063		
		10	215T	160	3352		
		15	254T	270	4868		
		20	256T	306	5266		
		25	284T	372	6909		
		30	286T	387	7279		
		40	324T	521	8935		
		208-230/460/575	Totally Enclosed Fan Cooled Class F Insulation, 1200 RPM, 1.15 SERVICE FACTOR, Air Over Temp. Range: -20°F to +104°F Inverter Duty	50	326T	565	13727
				60	364T	730	16749
				75	365T	774	19100
			100	405T	1063	29681	

#### Notes:

- Weights are approximate and are subject to change, drives not included.
- For air temperatures outside of this range consult factory.
- Manual reset thermal overload mounted externally on all 1 phase motors.
- NO thermal overload supplied on any 3 phase motors.
- Motor starters c/w overloads are required on all 3 phase motors (supplied and installed by others) .

## OPTIONS AND ACCESSORIES FOR KA\* UNITS

### 2" FILTERS

DESCRIPTION	SIZES	LIST PRICE \$
FARR3030 Pleated Panel Filter (Throw away)	16x20x2	29
FARR3030 Pleated Panel Filter (Throw away)	16x25x2	32
FARR3030 Pleated Panel Filter (Throw away)	20x20x2	31
FARR3030 Pleated Panel Filter (Throw away)	20x25x2	35
FARR44 All Metal Impingement Type (Washable)	16x20x2	301
FARR44 All Metal Impingement Type (Washable)	16x25x2	444
FARR44 All Metal Impingement Type (Washable)	20x20x2	326
FARR44 All Metal Impingement Type (Washable)	20x25x2	367
Standard Duty Metal Frame (less filter media)	16x20x2	94
Standard Duty Metal Frame (less filter media)	16x25x2	100
Standard Duty Metal Frame (less filter media)	20x20x2	102
Standard Duty Metal Frame (less filter media)	20x25x2	108
Heavy Duty Metal Frame AAF RENU (less filter media)	16x20x2	340
Heavy Duty Metal Frame AAF RENU (less filter media)	16x25x2	349
Heavy Duty Metal Frame AAF RENU (less filter media)	20x20x2	340
Heavy Duty Metal Frame AAF RENU (less filter media)	20x25x2	358
Replaceable Filter Media FrontLine (FL) Gold	16x20x2	9
Replaceable Filter Media FrontLine (FL) Gold	16x25x2	10
Replaceable Filter Media FrontLine (FL) Gold	20x20x2	11
Replaceable Filter Media FrontLine (FL) Gold	20x25x2	12
CWA Aluminum Mesh Filter (for fresh air intake hood only)	16x20x2	125
CWA Aluminum Mesh Filter (for fresh air intake hood only)	16x25x2	135
CWA Aluminum Mesh Filter (for fresh air intake hood only)	20x20x2	135
CWA Aluminum Mesh Filter (for fresh air intake hood only)	20x25x2	146
CWA Aluminum Mesh Filter (for fresh air intake hood only)	25x25x2	346

### 4" FILTERS

DESCRIPTION	SIZES	LIST PRICE \$
FARR3030 Pleated Panel Filter	16x20x4	62
FARR3030 Pleated Panel Filter	16x25x4	74
FARR3030 Pleated Panel Filter	20x20x4	67
FARR3030 Pleated Panel Filter	20x25x4	41

### NON FUSED DISCONNECT SWITCH

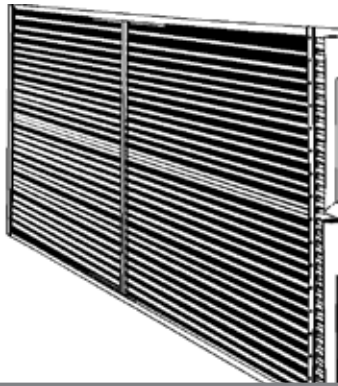
DISC SWITCH AMP SIZE	LIST PRICE \$
40	606
80	713
100	817
160	1857
200	2239

### FAN SECTION DRAIN PAN

TYPE	PRODUCT NUMBER	FAN SECTION DRAIN PAN
ALL	KAP108F	529
	KAP111F	529
	KAP114F	573
	KAP117F	645
	KAP122F	697
	KAP128F	824
	KAP137F	Included
	KAP141F	Included
	KAP150F	Included
	KAP164F	Included
KAP182F	Included	

## FREE STANDING COILS

### NOMENCLATURE



web: [www.k-rp.com/coils](http://www.k-rp.com/coils)  
 email: [ahu@k-rp.com](mailto:ahu@k-rp.com)  
 call: 1-844-893-3222 x527

**Coil Model** \_\_\_\_\_ **KDX 8 5 18 36 A --**  
 KDX = Direct Expansion Refrigerant Coil  
 KHR = Refrigerant Heat Reclaim Coil  
 KWS = Water Heating or Cooling Coil, Single Serpentine  
 KWD = Water Heating or Cooling Coil, Double Serpentine  
 KWH = Water Heating or Cooling Coil, Half Serpentine  
 KCC = Refrigerant Condensing Coil  
  
**Fin Spacing** \_\_\_\_\_  
**Row Depth** \_\_\_\_\_  
**Fin Height (in)** \_\_\_\_\_  
**Finned Tube Length (in)** \_\_\_\_\_  
**Fin Thickness** \_\_\_\_\_  
 A = 0.0055 Aluminum      B = 0.0075 Aluminum  
 C = 0.0090 Aluminum      D = 0.0055" Copper  
**Manufacturing Option** \_\_\_\_\_

### DIRECT EXPANSION REFRIGERANT COILS, REFRIGERANT CONDENSING AND HEAT RECLAIM COILS, WATER HEATING AND COOLING COILS

**TUBES** - Coils are fabricated with seamless copper tubes with tube centres staggered in direction of air flow. Tubes are mechanically expanded into fully collared aluminum fins. No water is used in expansion process. No optional tubing is available.  
 Water heating coils are 4 rows deep maximum. Steam heating coils are 2 rows deep maximum

Coil Type	Tube Pattern	Tube Wall Thickness
Direct Expansion (KDX)	5/8"x1.50"x1.299"	0.018"
Condenser (KCC)	1/2"x1.50"x1.299"	0.016"
Heat Reclaim (KHR)	1/2"x1.50"x1.299"	0.016"
Water Cooling/Heating (KW)	5/8"x1.50"x1.299"	0.025"

**FIN** - Fins have a ripple pattern for increased heat transfer and to provide additional stiffness to the fin. Fully drawn collars provide an efficient thermal bond with the tubes and allow accurate fin spacing.

All coil models have standard 0.0055" thick fin material as standard with 0.0075" or 0.0090" thick fin material available as an option. See optional fin and tube price page for list adder

Fin Thickness	Fin Spacing	Fin Material
0.0055"	8 to 14 FPI	Aluminum & Copper
0.0075"	6 to 12 FPI	Aluminum
0.0090"	4.5 to 8 FPI	Aluminum

**CASINGS** - Coil casings are fabricated from G90 galvanized sheet metal. End plates are 14 to 16 gauge. Top and bottom plates are 14 to 18 gauge. Coil casings are fabricated from G90 galvanized sheet metal. End plates are 14 to 16 gauge. Top and bottom plates are 14 to 18 gauge.

Casings are provided with 1 1/2" wide flanges with 3/8" diameter mounting holes on 3" centres from the middle of the coil casing. Top and bottom plates have a double break flange to form a channel section for added rigidity and to allow "stacking" of coils. End plates are built with formed, collared tube holes to provide additional tube support. Coils over 60" finned tube length are provided with intermediate support channels across their width for additional rigidity.

Casings may be provided in materials other than galvanized steel and with dimensions other than standard dimensions. Consult options price notes for additional information

**HEADERS AND DISTRIBUTORS** - Headers are made from copper tubing provided with brazed copper end discs.

Water heating and cooling coils are provided with 1/8" F.P.T. drain and vent connections at the bottom of the supply header and the top of the return header. Supply and return connections are MPT copper fittings. It can also be provided with optional intermediate drain headers interconnected with return bends for improved coil draining.

Direct expansion coils, condensing coils and refrigerant heat reclaim coils are supplied with mitered suction and supply headers suitable for brazing to copper refrigerant line. Direct expansion coils are provided with 1/4" diameter equalizer line at the suction header.

Refrigerant distributors are factory installed. Distributors may be supplied with auxiliary side connections for hot gas defrost or capacity control as an option.

**PRESSURE TESTING AND DEHYDRATION** - KDX direct expansion coils are pressure tested at 300 PSIG under water. KCC condenser coils, KHR reheat coils and KW water cooling/heating coils are tested at 450 PSIG under water to ensure leak free coils. All coils are dried thoroughly after testing.

**CRATING** - Coils are packaged for shipment in open crating with Aspenite sheeting protecting fin surfaces on each side of the coil.

#### COIL COATINGS

KeepRite Refrigeration offers various optional coil coatings as service to our customers. As equipment can be exposed to a variety of atmospheric conditions that are beyond KeepRite Refrigeration's control, customers need to decide which coating best suits their application needs. All coil coatings are sold and applied by third party suppliers and while these products can extend the life and integrity of the equipment, KeepRite Refrigeration cannot recommend, endorse or warrant any of these products. For more information on coil coatings, visit our website at [www.k-rp.com/coilcoatings](http://www.k-rp.com/coilcoatings) or contact your local KeepRite Refrigeration representative for assistance.

## FREE STANDING COILS

### DIRECT EXPANSION REFRIGERANT COILS, REFRIGERANT CONDENSING AND HEAT RECLAIM COILS, WATER HEATING AND COOLING COILS

1 ROW DEEP		LIST PRICE \$									
FIN HEIGHT		9"	12"	15"	18"	21"	24"	27"	30"	33"	36"
TUBES HIGH		6	8	10	12	14	16	18	20	22	24
FIN LENGTH	24"	831	1002	1044	1147	1233	1448	1539	1660	1759	1862
	30"	897	1044	1147	1233	1448	1539	1660	1814	1951	2045
	36"	952	1097	1233	1388	1539	1721	3817	2004	2116	2227
	42"	1044	1183	1388	1539	1749	3817	2004	2146	2333	2521
	48"	1147	1289	1539	1660	1814	2004	2146	2286	2521	2681
	54"	1183	1388	1625	1759	1951	2146	2286	2521	2681	2864
	60"	1233	1539	1721	1865	2045	2286	2521	2681	2864	3052
	72"	1448	1660	1865	2105	2286	2574	2767	3052	3202	3384
	84"	1539	1814	2105	2337	2609	2864	3367	3645	3668	3870
96"	1721	2004	2286	2609	2864	3152	3384	3711	3962	4224	

2 ROWS DEEP		LIST PRICE \$									
FIN HEIGHT		9"	12"	15"	18"	21"	24"	27"	30"	33"	36"
TUBES HIGH		6	8	10	12	14	16	18	20	22	24
FIN LENGTH	24"	1044	1182	1385	1537	1720	1814	2001	2102	2283	2520
	30"	1147	1284	1537	1720	1865	2043	2203	2333	2574	2763
	36"	1182	1445	1659	1865	2043	2226	2366	2608	2802	3049
	42"	1284	1537	1757	2001	2226	2520	2679	2862	3087	3286
	48"	1444	1720	1950	2203	2366	2679	2862	3087	3343	3620
	54"	1537	1814	2043	2333	2608	2902	3087	3343	3664	3901
	60"	1659	1950	2162	2574	3047	3085	3286	3620	3901	4170
	72"	1831	2102	2333	2722	3049	3639	3705	4009	4339	4622
	84"	1950	2226	2679	3049	3343	3759	4152	4427	4851	5242
96"	2144	2520	2902	3285	3759	4152	4565	4964	5371	5805	

3 ROWS DEEP		LIST PRICE \$									
FIN HEIGHT		9"	12"	15"	18"	21"	24"	27"	30"	33"	36"
TUBES HIGH		6	8	10	12	14	16	18	20	22	24
FIN LENGTH	24"	1543	1656	1780	1920	2045	2189	2321	2432	2579	2698
	30"	1656	1780	1961	2096	2261	2404	2552	2698	2862	3004
	36"	1761	1920	2115	2283	2432	2625	2791	2979	3145	3300
	42"	1872	2045	2266	2467	2644	2837	3032	3267	3411	3626
	48"	1983	2189	2422	2644	2837	3057	3267	3487	3705	3933
	54"	2096	2321	2579	2820	3057	3267	3512	3750	3993	4222
	60"	2222	2432	2744	2991	3241	3487	3750	4035	4282	4524
	72"	2432	2744	3057	3361	3639	3933	4222	4524	4848	5145
	84"	2660	2991	3361	3705	4026	4370	4705	5524	5581	5754
	96"	2878	3241	3680	4045	4427	4800	5186	5590	6007	6367
	108"	3085	3504	4021	4401	4819	5229	5665	6103	8541	9293
120"	3300	3759	4347	4746	5218	5648	6144	6614	9103	10130	

4 ROWS DEEP		LIST PRICE \$									
FIN HEIGHT		9"	12"	15"	18"	21"	24"	27"	30"	33"	36"
TUBES HIGH		6	8	10	12	14	16	18	20	22	24
FIN LENGTH	24"	1897	2045	2204	2355	2533	2684	2837	2991	3158	3300
	30"	2045	2222	2404	2579	2791	2979	3149	3300	3529	3705
	36"	2189	2404	2586	2820	3057	3241	3477	3659	3901	4113
	42"	2337	2579	2791	3032	3300	3529	3773	4021	4282	4512
	48"	2467	2744	3004	3267	3579	3810	4212	4370	4629	4917
	54"	2625	2916	3206	3487	3844	4113	4407	4705	5017	5331
	60"	2744	3082	3398	3740	4086	4407	4740	5075	5388	5736
	72"	3057	3456	3810	4198	4587	4968	5369	5754	6144	6548
	84"	3184	3803	4206	4629	5100	5572	6007	6485	6890	7355
	96"	3343	4113	4610	5087	5631	6131	6644	7143	7662	8149
	108"	3904	4451	5031	5530	6162	6707	7313	7785	8433	8968
120"	4205	4863	5450	5961	6680	7266	7970	8411	9205	9763	



## FREE STANDING COILS

### DIRECT EXPANSION REFRIGERANT COILS, REFRIGERANT CONDENSING AND HEAT RECLAIM COILS, WATER HEATING AND COOLING COILS

5 ROWS DEEP		LIST PRICE \$									
FIN HEIGHT		9"	12"	15"	18"	21"	24"	27"	30"	33"	36"
TUBES HIGH		6	8	10	12	14	16	18	20	22	24
FIN LENGTH	24"	2096	2333	2546	2785	3009	3210	3434	3659	3883	4101
	30"	2318	2546	2744	3049	3339	3585	3845	4183	4357	4610
	36"	2478	2785	3049	3351	3659	3962	4230	4135	4863	5135
	42"	2657	2991	3339	3659	3969	4329	4635	4989	5335	5660
	48"	2846	3185	3585	3927	4325	4695	5061	5438	5825	6174
	54"	3033	3168	3845	4230	4641	4781	5455	5884	6307	6700
	60"	3210	3615	4183	4535	4989	5438	5884	6342	6804	7215
	72"	3585	4070	4610	5112	5648	6174	6282	7215	7768	8255
	84"	3927	4521	5135	5714	6307	6943	6678	8123	8740	9303
	96"	4291	4948	5909	6285	6991	7684	8324	8935	9706	10352
	108"	4671	5394	6147	6874	7658	8400	9135	9757	10699	11382
120"	5040	5831	6671	7450	8324	9163	9940	10561	11665	12427	

6 ROWS DEEP		LIST PRICE \$									
FIN HEIGHT		9"	12"	15"	18"	21"	24"	27"	30"	33"	36"
TUBES HIGH		6	8	10	12	14	16	18	20	22	24
FIN LENGTH	24"	2242	2483	2744	3014	3262	3547	3803	4047	4300	4565
	30"	2463	2734	3049	3351	3659	3987	4271	4571	4888	5186
	36"	2660	2991	3351	3700	4038	4411	4759	5335	5455	5812
	42"	2862	3241	3659	4018	4451	4863	5259	5884	6049	6429
	48"	3076	3485	3962	4401	4835	5295	5749	6408	6612	7054
	54"	3267	3741	4259	4752	5226	5749	6229	6943	7193	7684
	60"	3485	4009	4559	5087	5627	6188	6700	7461	7768	8309
	72"	3904	4521	5153	5776	6324	7054	8623	8530	8928	9545
	84"	4347	5024	5754	6470	7193	7937	8656	9597	10084	10817
	96"	4759	5531	6365	7168	7980	8816	9635	10659	11237	12050
	108"	5186	6049	6950	7869	8756	9694	10582	11731	12397	13308
120"	5599	6523	7516	8565	9535	10579	11566	12811	13555	14569	

7 ROWS DEEP		LIST PRICE \$									
FIN HEIGHT		9"	12"	15"	18"	21"	24"	27"	30"	33"	36"
TUBES HIGH		6	8	10	12	14	16	18	20	22	24
FIN LENGTH	24"	2366	2644	2928	3339	3465	3759	4022	4304	4584	4847
	30"	2590	2902	3235	3547	3876	4222	4530	5293	5183	5490
	36"	2832	3164	3547	3933	4299	4680	5052	5665	5802	6166
	42"	3038	3452	3876	4299	4723	5153	5572	6235	6408	6826
	48"	3263	3705	4198	4670	5129	5625	6090	6807	7025	7487
	54"	3485	3971	4512	5031	5553	6090	6609	7371	7867	8147
	60"	3705	4246	4831	5400	5961	6555	7121	7932	8252	8827
	72"	4154	4781	5479	6131	6807	7487	8147	9062	9477	10128
	84"	4619	5331	6118	6884	7643	8421	9176	10193	8676	11468
	96"	5052	5871	6742	7620	8476	9368	10218	11326	11933	12802
	108"	5490	6408	7401	8362	9248	10294	11231	12454	13150	14127
120"	5942	6953	8005	9093	10001	11225	14888	13593	14381	15455	

8 ROWS DEEP		LIST PRICE \$									
FIN HEIGHT		9"	12"	15"	18"	21"	24"	27"	30"	33"	36"
TUBES HIGH		6	8	10	12	14	16	18	20	22	24
FIN LENGTH	24"	2644	2928	3241	3523	3852	4170	4483	4778	5082	5907
	30"	2881	3143	3605	3959	4306	4704	5046	5400	5754	6103
	36"	3149	3520	3959	4351	4769	5211	5625	6301	6949	6842
	42"	3380	3817	4306	4769	5237	5726	6200	6924	7121	7572
	48"	3629	4113	4670	5183	5714	6242	6763	7551	7787	8318
	54"	3874	4410	5022	5599	6166	6763	7348	8180	8493	9062
	60"	4113	4723	5369	6007	6620	7285	7902	8792	9162	9799
	72"	4611	5322	6078	6821	7551	8318	9062	10061	10531	11272
	84"	5129	5919	6807	7643	8470	9368	10210	11326	11897	12743
	96"	5625	6523	7497	8464	9400	10395	11348	12584	13263	14215
	108"	6103	7121	8186	9276	10335	11436	12477	13851	14613	15690
120"	6604	7709	8903	10106	11238	12474	13981	15100	15983	17174	

## FREE STANDING COILS

### PRICING OF COILS EXCEEDING STANDARD SIZES SHOWN IN PRICE SHEETS

#### PRICE FOR COILS

##### MORE THAN EIGHT (8) ROWS

Add eight (8) rows coil price with price adder below

ROWS	10
PRICE ADDER	30%

#### COIL LENGTH GREATER THAN 120"

Extrapolation + 5% on calculated base price  
Surcharge is added to calculated base price before adding optional prices.

*Maximum allowable length for 1 to 2 row coil is 120".*

<u>Sample Calculation</u>		
Coil Size: 36"(H) x 144"(L) x 4 Rows		
144" minus 120" = 24" length difference		
<u>Description</u>		<u>List</u>
Price of 36" x 120" coil		\$9,763
Price of 36" x 96" coil	-	\$8,149
24" length difference		\$1,613
Price of 36" x 120" coil	+	\$9,763
		\$11,376
5% surcharge	x	1.05
<b>Total List Price</b>		<b>\$11,945</b>

#### FINNED HEIGHT

##### GREATER THAN 36" AND UP TO 60"

Extrapolation to calculate base price

<u>Sample Calculation</u>		
Coil Size: 42"(H) x 96"(L) x 4 Rows		
42" minus 36" = 6" height difference		
<u>Description</u>		<u>List</u>
Price of 36" x 96" coil		\$8,149
Price of 30" x 96" coil	-	\$7,143
6" height difference		\$1,006
Price of 36" x 96" coil	+	\$8,149
<b>Total List Price</b>		<b>\$9,156</b>

#### FINNED HEIGHT

##### GREATER THAN 60" AND UP TO 84"

Coil height exceeds 60", coil will be priced as two (2) coils of half the height dimension.

<u>Sample Calculation</u>		
Coil Size: 72"(H) x 96"(L) x 4 Rows		
72" divided by 2 = 36" half coil		
<u>Description</u>		<u>List</u>
Price of 36" x 96" coil		\$8,149
Price of 36" x 96" coil	+	\$8,149
<b>Total List Price</b>		<b>\$16,299</b>

### OPTIONAL COIL CONSTRUCTION

ITEM	DESCRIPTION	LIST PRICE \$	PRICE NOTES
Option #1	<b>Intermediate drain header</b>	<b>35</b>	per linear inch of header
Option #2	<b>Header modification</b>	<b>641</b>	per coil
Option #3	<b>Multiple refrigeration circuits - Direct Expansion Coil</b>	<b>874</b>	per additional circuit
	<b>Multiple refrigeration circuits - Other Coil Type</b>	<b>235</b>	per additional circuit
Option #4	<b>Non standard flange dimensions</b>	<b>641</b>	per coil
Option #5	<b>Non standard casing depth</b>	<b>641</b>	per coil

**#1 INTERMEDIATE DRAIN HEADERS** It is practically impossible to satisfactorily drain water from a large water coil. Coil tilt and tube sag will always trap a significant amount of water. In addition standard coils drain very slowly. In cases where it is essential to drain enough water from the coils to prevent freezing of water within tubes and return bends it is advisable to provide the coil with intermediate drain headers.

A 1 1/8" O.D. header assembly is incorporated with return bends to provide positive drainage of each tube. Header assemblies are provided with a 3/8" I.D. FPT fitting and plug at top and bottom to ensure adequate drainage and venting.

Contact factory for full particulars and application of intermediate drain headers.

**#2 HEADER MODIFICATION** Additional charges for coils requiring extended horizontal connections up to a maximum of 12", changing direction of connection locations and requiring crossover connections.

**#3 MULTIPLE REFRIGERATION CIRCUITS** Additional charges for coils with more than standard number of DX refrigeration circuits are required for either face or row split, or when more than one circuit is required for condensing or heat reclaim coils.

**#4 NON STANDARD FLANGE DIMENSIONS** Additional charges for coil casing flanges other than standard 1-1/2". Coil casing may be supplied with minimum 1" to maximum 3".

**#5 NON STANDARD CASING DEPTH** Additional charges for coil casing 5" more or less than standard depth. Price addition covers either or both of coil casing modifications.

## FREE STANDING COILS

### OPTIONAL FIN AND TUBES

DESCRIPTION		FPI	WEIGHT FACTOR	PRICE ADDER	
			Lbs/Ft <sup>2</sup> /Row	\$/Ft <sup>2</sup> /Row	
0.0055" ALUMINUM FINS		8	+ 0.00	NO CHARGE	
		10	+ 0.20	3	
		12	+ 0.40	7	
		14	+ 0.60	9	
		6	+ 0.02	1	
0.0075" ALUMINUM FINS		8	+ 0.29	5	
		10	+ 0.57	8	
		12	+ 0.84	13	
		4.5	-0.06	NO CHARGE	
		6	+ 0.18	3	
0.0090" ALUMINUM FINS		8	+ 0.51	8	
		10	+ 0.84	13	
		12	+ 1.17	17	
		8	+ 0.00	13	
		10	+ 0.20	16	
0.0055" GOLD COAT FINS		12	+ 0.40	20	
		14	+ 0.60	24	
	0.0055" COPPER FINS		8	+ 1.85	NO CHARGE
			10	+ 2.52	
		12	+ 3.18		
		14	+ 3.85		
KCC KHR	1/2" OD x 0.016" Copper Wall Tube		+ 0.00	NO CHARGE	
	1/2" OD x 0.020" Copper Wall Tube		+ 0.71	NO CHARGE	
	5/8" OD x 0.018" Copper Wall Tube		+ 0.80	NO CHARGE	
	5/8" OD x 0.025" Copper Wall Tube		+ 1.10	30	
	5/8" OD x 0.035" Copper Wall Tube		+ 1.52	41	
	5/8" OD x 0.049" Copper Wall Tube		+ 2.07	56	
KDX	5/8" OD x 0.018" Copper Wall Tube		+ 0.80	NO CHARGE	
	5/8" OD x 0.025" Copper Wall Tube		+ 1.10	30	
	5/8" OD x 0.035" Copper Wall Tube		+ 1.52	41	
	5/8" OD x 0.049" Copper Wall Tube		+ 2.07	NO CHARGE	
KWS	5/8" OD x 0.025" Copper Wall Tube		+ 1.10	NO CHARGE	
KWH	5/8" OD x 0.035" Copper Wall Tube		+ 1.52	41	
KWD	5/8" OD x 0.049" Copper Wall Tube		+ 2.07	56	

### OPTIONAL FINS

Standard fin is 0.0055" aluminum with 8FPI. See below for formula to calculate price adder for optional fins and tubes.

Optional Fin List Adder \$	=	$\frac{\text{List Adder}}{(\$/\text{sq-ft}/\text{row})}$	x	$\frac{\text{Total Face Area}}{(\text{sq-ft})}$	x	Total # of Rows
Optional Fin Weight Adder (lbs)	=	$\frac{\text{Weight factor}}{(\text{lbs}/\text{sq-ft}/\text{row})}$	x	$\frac{\text{Total Face Area}}{(\text{sq-ft})}$	x	Total # of Rows

### OPTIONAL TUBING

Check tube specifications for the various refrigerant, water or steam coils to ensure that an optional tube thickness is required. Free Standing Coil price sheets are based on 1/2" OD Tube with 0.016" wall thickness.

Optional Fin List Adder \$	=	$\frac{\text{List Adder}}{(\$/\text{sq-ft}/\text{row})}$	x	$\frac{\text{Total Face Area}}{(\text{sq-ft})}$	x	Total # of Rows
Optional Tube Weight Adder (lbs)	=	$\frac{\text{Weight factor}}{(\text{lbs}/\text{sq-ft}/\text{row})}$	x	$\frac{\text{Total Face Area}}{(\text{sq-ft})}$	x	Total # of Rows

## PRODUCT SUPPORT RESOURCES

 <p>PRODUCT SUPPORT</p>	<p><i>web:</i> <a href="http://k-rp.com/support">k-rp.com/support</a> <i>email:</i> <a href="mailto:ahu@k-rp.com">ahu@k-rp.com</a> <i>call:</i> 1-844-893-3222 x527</p>
 <p>TROUBLESHOOTING</p>	<p><i>email:</i> <a href="mailto:troubleshooting@k-rp.com">troubleshooting@k-rp.com</a> <i>call:</i> 1-844-893-3222 x529</p>
 <p>SERVICE PARTS</p>	<p><i>web:</i> <a href="http://k-rp.com/parts">k-rp.com/parts</a> <i>email:</i> <a href="mailto:parts@k-rp.com">parts@k-rp.com</a> <i>call:</i> 1-844-893-3222 x527</p>
 <p>WARRANTY</p>	<p><i>web:</i> <a href="http://k-rp.com/warranty">k-rp.com/warranty</a> <i>email:</i> <a href="mailto:warranty@k-rp.com">warranty@k-rp.com</a> <i>call:</i> 1-844-893-3222 x501</p>
 <p>ORDERS</p>	<p><i>email:</i> <a href="mailto:orders@k-rp.com">orders@k-rp.com</a> <i>call:</i> 1-844-893-3222 x501</p>
 <p>SHIPPING</p>	<p><i>email:</i> <a href="mailto:shipping@k-rp.com">shipping@k-rp.com</a> <i>call:</i> 1-844-893-3222 x503</p>

