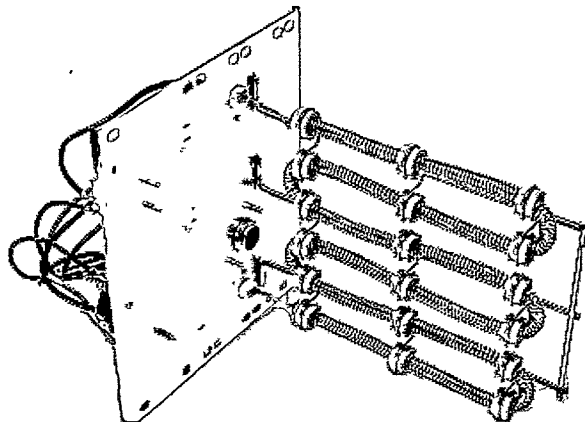


# HKR SERIES

## Electric Heat Kits



### Standard Features

- Controlled by sequencers for better temperature control
- Multiple branch circuit capability
- Contains integral circuit breaker(s) as noted
- Completely assembled and tested
- Built-in overcurrent protection on all units (as indicated in the Electrical Data)
- Control circuitry arranged to readily permit staging
- Factory-installed circuit breakers on certain models (See Electrical Data)
- High-temperature limit controls
- Plug-in wiring harness for ease on installation into air handler
- Rust-resistant nickel chromium heat elements

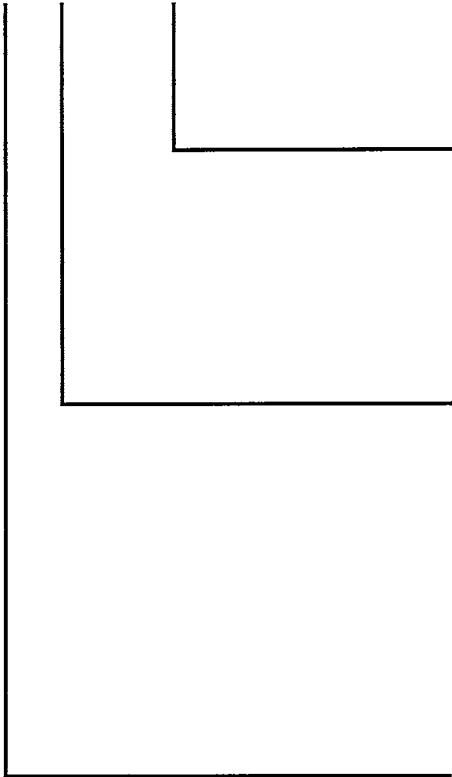


PRODUCT SPECIFICATIONS

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Nomenclature

**HK 05 - 1**



**Electrical Designator**

- 1 - 208/240 VAC, 1 Phase, 50/60 Hz
- 3 - 208/240 VAC, 3 Phase, 50/60 Hz
- 4 - 460 VAC, 3 Phase, 50/60 Hz

**Nominal Capacity**

- 05 - 4.75 kW
- 08 - 7.00 kW
- 10 - 9.50 kW
- 15 - 14.25 to 15.00 kW
- 20 - 19.00 to 19.60 kW

**Unit Type**

HK - Heat Kit

# PRODUCT SPECIFICATIONS

## Electrical Data

Model & Heat Kit Usage	Circuit #1		Circuit #2		Actual kW/BTU @ 240V
	Minimum Circuit Ampacity @ 208/240V	Maximum Overcurrent Protection (amps) @ 208/240V	Minimum Circuit Ampacity @ 208/240V	Maximum Overcurrent Protection (amps) @ 208/240V	
<b>AR18/ARUF018</b>	1.2/1.2	15/15	--	--	--
HKR-03A	15/17	20/20	--	--	3 / 10,200
HKR-05A, HKR-05CA	23/26	30/30	--	--	4.75 / 16,200
HKR-06A	29/33	40/40	--	--	6 / 20,400
HKR-08A, HKR-08CA	33/38	40/40	--	--	7 / 23,800
<b>AR24/ARUF024/ARPT024/ARPT024</b>	1.9/1.9	15/15	--	--	--
HKR-03A	16/18	20/20	--	--	3 / 10,200
HKR-05A, HKR-05CA	24/27	30/30	--	--	4.75 / 16,200
HKR-06A	29/33	40/40	--	--	6 / 20,400
HKR-08A, HKR-08CA	33/38	40/40	--	--	7 / 23,800
HKR-10A, HKR-10CA	45/51	60/60	--	--	9.5 / 32,400
<b>AR30/ARUF030</b>	2.4/2.4	15/15	--	--	--
HKR-03A	16/18	20/20	--	--	3 / 10,200
HKR-05A, HKR-05CA	24/27	30/30	--	--	4.75 / 16,200
HKR-06A	30/34	40/40	--	--	6 / 20,400
HKR-08A, HKR-08CA	34/39	40/40	--	--	7 / 23,800
HKR-10A, HKR-10CA	45/52	60/60	--	--	9.5 / 32,400
HKR-15CA	45/52	60/60	22/25	30/30	14.25 / 48,600
<b>AR32/ARUF032/ARPF036</b>	2.4/2.4	15/15	--	--	--
HKR-03A	16/18	20/20	--	--	3 / 10,200
HKR-05A, HKR-05CA	24/27	30/30	--	--	4.75 / 16,200
HKR-06A	30/34	40/40	--	--	6 / 20,400
HKR-08A, HKR-08CA	34/39	40/40	--	--	7 / 23,800
HKR-10A, HKR-10CA	45/52	60/60	--	--	9.5 / 32,400
HKR-15CA	45/52	60/60	22/25	30/30	14.25 / 48,600
<b>AR36/ARUF036</b>	2.7/2.7	15/15	--	--	--
HKR-03A	16/18	20/20	--	--	3 / 10,200
HKR-05A, HKR-05CA	24/27	30/30	--	--	4.75 / 16,200
HKR-06A	30/34	40/40	--	--	6 / 20,400
HKR-08A, HKR-08CA	34/39	40/40	--	--	7 / 23,800
HKR-10A, HKR-10CA	45/52	60/60	--	--	9.5 / 32,400
HKR-15CA	45/52	60/60	22/25	30/30	14.25 / 48,600
HKR-20CA	45/52	60/60	43/49	60/60	19.5 / 66,500
HKR-21CA	50/58	60/60	48/55	60/60	21 / 71,600
*HKR3-15A	2.7/2.7	15/15	39/45	60/60	15 / 51,100
*HKR3-20A	2.7/2.7	15/15	51/59	60/60	19.5 / 66,500
<b>AR42/ARUF042/ARPT042</b>	2.8/2.8	15/15	--	--	--
HKR-03A	16/18	20/20	--	--	3 / 10,200
HKR-05A, HKR-05CA	25/27	30/30	--	--	4.75 / 16,200
HKR-06A	30/34	40/40	--	--	6 / 20,400
HKR-08A, HKR-08CA	34/39	40/40	--	--	7 / 23,800
HKR-10A, HKR-10CA	46/52	60/60	--	--	9.5 / 32,400
HKR-15CA	46/52	60/60	22/25	30/30	14.25 / 48,600
HKR-20CA	46/52	60/60	43/49	60/60	19.5 / 66,500
HKR-21CA	50/58	60/60	48/55	60/60	21 / 71,600
*HKR3-15A	2.8/2.8	15/15	39/45	60/60	15 / 51,100
*HKR3-20A	2.8/2.8	15/15	51/59	60/60	19.5 / 66,500
<b>AR48-49/ARUF048-049/ARPT048-049</b>	3.3/3.3	15/15	--	--	--
HKR-03A	17/19	20/20	--	--	3 / 10,200
HKR-05A, HKR-05CA	25/28	30/30	--	--	4.75 / 16,200
HKR-06A	30/34	40/40	--	--	6 / 20,400
HKR-08A, HKR-08CA	34/40	40/40	--	--	7 / 23,800
HKR-10A, HKR-10CA	46/53	60/60	--	--	9.5 / 32,400
HKR-15CA	46/52	60/60	22/25	30/30	14.25 / 48,600
HKR-20CA	46/52	60/60	43/49	60/60	19.5 / 66,500
HKR-21CA	51/58	60/60	48/55	60/60	21 / 71,600
*HKR3-15A	3.3/3.3	15/15	39/45	60/60	15 / 51,100
*HKR3-20A	3.3/3.3	15/15	51/59	60/60	19.5 / 66,500
<b>AR60/ARUF060/</b>	4.9/4.9	15/15	--	--	--
HKR-03A	18/20	20/20	--	--	3 / 10,200
HKR-05A, HKR-05CA	26/30	30/30	--	--	4.75 / 16,200
HKR-06A	32/36	40/40	--	--	6 / 20,400
HKR-08A, HKR-08CA	36/40	40/40	--	--	7 / 23,800
HKR-10A, HKR-10CA	48/54	60/60	--	--	9.5 / 32,400
HKR-15CA	48/54	60/60	22/25	30/30	14.25 / 48,600
HKR-20CA	48/54	60/60	43/49	60/60	19.5 / 66,500
HKR-21CA	53/60	60/60	48/55	60/60	21 / 71,600
*HKR3-15A	4.9/4.9	15/15	39/45	60/60	15 / 51,100
*HKR3-20A	4.9/4.9	15/15	51/59	60/60	19.5 / 66,500

\* Heat Kit requires Three Phase Power Supply

# PRODUCT SPECIFICATIONS

## Electrical Data (cont.)

Model & Heat Kit Usage	Circuit #1		Circuit #2		Actual kW/BTU @ 240V
	Minimum Circuit Ampacity @ 208/240V	Maximum Overcurrent Protection (amps) @ 208/240V	Minimum Circuit Ampacity @ 208/240V	Maximum Overcurrent Protection (amps) @ 208/240V	
<b>AR61/ARUF061/ARPF061/ARPT061</b>	4.9/4.9	15/15	--	--	--
HKR-03A	18/20	20/20	--	--	3 / 10,200
HKR-05A, HKR-05CA	26/30	30/30	--	--	4.75 / 16,200
HKR-06A	32/36	40/40	--	--	6 / 20,400
HKR-08A, HKR-08CA	36/40	40/40	--	--	7 / 23,800
HKR-10A, HKR-10CA	48/54	60/60	--	--	9.5 / 32,400
HKR-15CA	48/54	60/60	22/25	30/30	14.25 / 48,600
HKR-20CA	48/54	60/60	43/49	60/60	19.5 / 66,500
HKR-21CA	53/60	60/60	48/55	60/60	21 / 71,600
*HKR3-15A	4.9/4.9	15/15	39/45	60/60	15 / 51,100
*HKR3-20A	4.9/4.9	15/15	51/59	60/60	19.5 / 66,500
<b>AER24</b>	2.5/2.5	15/15	--	--	--
HKR-03A	16/18	20/20	--	--	3/10,200
HKR-05A, HKR-05CA	24/27	30/30	--	--	4.75/16,200
HKR-06A	30/34	30/40	--	--	6/20,400
HKR-08A, HKR-08CA	34/39	40/40	--	--	7/23,800
HKR-10A, HKR-10CA	45/52	60/60	--	--	9.5/32,400
<b>AER30/AEPT030</b>	2.5/2.5	15/15	--	--	--
HKR-03A	16/18	20/20	--	--	3/10,200
HKR-05A, HKR-05CA	24/27	30/30	--	--	4.75/16,200
HKR-06A	29/34	30/40*	--	--	6/20,400
HKR-08A, HKR-08CA	34/39	40/40	--	--	7/23,800
HKR-10A, HKR-10CA	45/52	60/60	--	--	9.5/32,400
HKR-15CA	47/54	60/60	--	--	14.25/48,600
<b>AER36/AEPT036</b>	3.1/3.1	15/15	--	--	--
HKR-03A	17/19	20/20	--	--	3/10,200
HKR-05A, HKR-05CA	23/28	30/30	--	--	4.75/16,200
HKR-06A	30/34	40/40	--	--	6/20,400
HKR-08A, HKR-08CA	35/40	40/40	--	--	7/23,800
HKR-10A, HKR-10CA	46/53	60/60	--	--	9.5/32,400
HKR-15CA	46/53	60/60	21/25	30/30	14.25/48,600
<b>AER48</b>	6.1/6.1	15/15	--	--	--
HKR-03A	20/22	30/30	--	--	3/10,200
HKR-05A, HKR-05CA	28/33	30/40*	--	--	4.75/16,200
HKR-06A	33/37	40/40	--	--	6/20,400
HKR-08A, HKR-08CA	38/45	40/60	--	--	7/23,800
HKR-10A, HKR-10CA	49/56	60/60	--	--	9.5/32,400
HKR-15CA	49/56	60/60	21/25	30/30	14.25/48,600
HKR-20CA	49/56	60/60	43/50	60/60	19.5/66,500
<b>AER60/AEPT060</b>	7.8/7.8	15/15	--	--	--
HKR-03A	21/24	30/30	--	--	3/10,200
HKR-05A, HKR-05CA	29/33	30/40*	--	--	4.75/16,200
HKR-06A	33/39	40/40	--	--	6/20,400
HKR-08A, HKR-08CA	39/44	40/60*	--	--	7/23,800
HKR-10A, HKR-10CA	51/57	60/60	--	--	9.5/32,400
HKR-15CA	51/57	60/60	21/25	30/30	14.25/48,600
HKR-20CA	51/57	60/60	43/50	60/60	19.5/66,500

All HKR ampacities noted above include air handler motor amps, excluding Three Phase models.

## Heating Ampacity kW Correction Factor

Supply Voltage	240	230	220	210	208
Correction Factor	1.00	0.93	0.85	0.78	0.76

Multiply the 240 volt ampacity by factors



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