

# Product Specifications

## Goodman HKS Series Electric Heat Kits for Air Handlers

HKS Electric heat kits made for Goodman brand air handlers

**Nomenclature:** (ex.  
HKSC20DA)

	<b>HKS</b>	<b>X</b>	<b>3</b>	<b>X</b>	<b>A</b>	
Unit Type						Phase
Air Handler heater Kits						
Circuit Breaker						A Single phase 208 Volt
X---None						B Single phase 240 Volt
C---Circuit Breaker						C Single phase 208/240 Volt
						D
						E
KW						F Three phase 208 / 240 volt
O3---3.00 KW						G
O5---4.75 KW						
O6---6.00 KW						Cabinet Size ( MAX)
O8---8.00 KW						C C Cabiner
10---9.50 KW						D D Cabinet
15---14.25 KW						X All Cabinet Sizes
19---19.00 KW						
20---19.00 to 19.5 KW						
25---23.75 KW						

### Heating kw Correction Factor

Supply Voltage	240	230	220	210	208				
Correction Factor	1.00	0.92	0.84	0.77	0.75				

### Standard Features

- Controlled by sequencers
- Factory-installed circuit breakers available on specific models
- Fuse link secondary high-temperature limit control
- Plug-in wiring harness for ease on installation into air handler
- ETL certified

06-7041-00

Rev. B

## Electrical Data \*

### Air Handler Units

Model and Heat Kit Usage	Unit MCA ‡	CIRCUIT #1		CIRCUIT #2		Coil Qty Used	ACTUAL KW @ 240V	Single Point Kit	
		MCA	MOP	MCA	MOP			MCA	MOP
<b>ARUF/ARPT 18B14 , 24B14</b>	2.4								
HKSX03XC		18.0	20	-----	-----	1	3.00	-----	-----
HKSX05XC , HKSC05XC		27.1	30	-----	-----	1	4.75	-----	-----
HKSX06CXC		33.6	35	-----	-----	2	6.00	-----	-----
HKSX08XC , HKSC08XC		44.1	45	-----	-----	2	8.00	-----	-----
HKSX10XC , HKSC10XC		51.9	60	-----	-----	2	9.50	-----	-----
<b>ARUF/ARPT 30B14</b>	2.4								
HKSX03XC		18.0	20	-----	-----	1	3.00	-----	-----
HKSX05XC , HKSC05XC		27.1	30	-----	-----	1	4.75	-----	-----
HKSX06CXC		33.6	35	-----	-----	2	6.00	-----	-----
HKSX08XC , HKSC08XC		44.1	45	-----	-----	2	8.00	-----	-----
HKSX10XC , HKSC10XC		51.9	60	-----	-----	2	9.50	-----	-----
HKSC15XA , HKSC15XB		51.9	60	24.7	30	3	14.25	68/78	70 / 80
<b>ARUF 36C14, 42C14</b>	3.8								
HKSX03XC		19.4	20	-----	-----	1	3.00	-----	-----
HKSX05XC , HKSC05XC		28.5	30	-----	-----	1	4.75	-----	-----
HKSX06CXC		35.3	40	-----	-----	2	6.00	-----	-----
HKSX08XC , HKSC08XC		45.5	50	-----	-----	2	8.00	-----	-----
HKSX10XC , HKSC10XC		53.3	60	-----	-----	2	9.50	-----	-----
HKSC15XA , HKSC15XB		53.3	60	24.7	30	3	14.25	68/78	70 / 80
HKSC19XA , HKSC19XB		53.3	60	49.5	60	4	19.00	91/105	100 / 110
HKSC15XF		4.75	15	42.8	50	3	14.25	-----	-----
HKSC20XF		4.75	15	58.6	60	3	19.50	-----	-----
<b>ARPT 36C14</b>	3.8								
HKSX03XC		19.4	20	-----	-----	1	3.00	-----	-----
HKSX05XC , HKSC05XC		28.5	30	-----	-----	1	4.75	-----	-----
HKSX06CXC		35.3	40	-----	-----	2	6.00	-----	-----
HKSX08XC , HKSC08XC		45.5	50	-----	-----	2	8.00	-----	-----
HKSX10XC , HKSC10XC		53.3	60	-----	-----	2	9.50	-----	-----
HKSC15XA , HKSC15XB		53.3	60	24.7	30	3	14.25	70/80	70 / 80
HKSC19XA , HKSC19XB		53.3	60	49.5	60	4	19.00	91/105	100 / 110
HKSC15XF		4.75	15	42.8	50	3	14.25	-----	-----
HKSC20XF		4.75	15	58.6	60	3	19.50	-----	-----
<b>ARPT 36D14</b>	3.8								
HKSX03XC		19.4	20	-----	-----	1	3.00	-----	-----
HKSX05XC , HKSC05XC		28.5	30	-----	-----	1	4.75	-----	-----
HKSX06CXC		35.3	40	-----	-----	2	6.00	-----	-----
HKSX08XC , HKSC08XC		45.5	50	-----	-----	2	8.00	-----	-----
HKSX10XC , HKSC10XC		53.3	60	-----	-----	2	9.50	-----	-----
HKSC15XA , HKSC15XB		53.3	60	24.7	30	3	14.25	70/80	70 / 80
HKSC20XA , HKSC20XB		53.3	60	49.5	60	4	19.00	91/105	100 / 110
HKSC15XF		4.75	15	42.8	50	3	14.25	-----	-----
HKSC20XF		4.75	15	58.6	60	3	19.50	-----	-----

Model and Heat Kit Usage	Unit MCA ‡	CIRCUIT #1		CIRCUIT #2		Coil Qty Used	ACTUAL KW @ 240V	Single Point Kit	
		MCA	MOP	MCA	MOP			MCA	MOP
<b>ARPT 42D14</b>	<b>4.4</b>								
HKSX03XC		20.0	25	-----	-----	1	3.00	-----	-----
HKSX05XC , HKSC05XC		29.1	30	-----	-----	1	4.75	-----	-----
HKSX06CXC		35.9	40	-----	-----	2	6.00	-----	-----
HKSX08XC , HKSC08XC		46.1	50	-----	-----	2	8.00	-----	-----
HKSX10XC , HKSC10XC		53.9	60	-----	-----	2	9.50	-----	-----
HKSC15XA , HKSC15XB		53.9	60	24.7	30	3	14.25	71/81	80 / 90
HKSC20XA , HKSC20XB		53.9	60	49.5	60	4	19.00	92/106	100 / 110
HKSC15XF		5.5	15	42.8	50	3	14.25	-----	-----
HKSC20XF		5.5	15	58.6	60	3	19.50	-----	-----
<b>ARUF/ARPT 48D14</b>	<b>4.4</b>								
HKSX03XC		20.0	25	-----	-----	1	3.00	-----	-----
HKSX05XC , HKSC05XC		29.1	30	-----	-----	1	4.75	-----	-----
HKSX06CXC		35.9	40	-----	-----	2	6.00	-----	-----
HKSX08XC , HKSC08XC		46.1	50	-----	-----	2	8.00	-----	-----
HKSX10XC , HKSC10XC		53.9	60	-----	-----	2	9.50	-----	-----
HKSC15XA , HKSC15XB		53.9	60	24.7	30	3	14.25	71/81	80 / 90
HKSC20XA , HKSC20XB		53.9	60	49.5	60	4	19.00	92/106	100 / 110
HKSC25DC		53.9	60	49.5	60	5	23.75	116 / 133	125 / 150
HKSC25DC	<b>Circuit # 3</b>	<b>MCA</b>	<b>MOP</b>						
		24.7	30						
HKSC15XF		5.5	15	42.8	50	3	14.25	-----	-----
HKSC20XF		5.5	15	58.6	60	3	19.50	-----	-----
<b>ARUF/ARPT 60D14</b>	<b>5.8</b>								
HKSX03XC		21.4	25	-----	-----	1	3.00	-----	-----
HKSX05XC , HKSC05XC		30.5	35	-----	-----	1	4.75	-----	-----
HKSX06CXC		37.0	40	-----	-----	2	6.00	-----	-----
HKSX08XC , HKSC08XC		47.5	50	-----	-----	2	8.00	-----	-----
HKSX10XC , HKSC10XC		55.3	60	-----	-----	2	9.50	-----	-----
HKSC15XA , HKSC15XB		55.3	60	24.7	30	3	14.25	72/82	80 / 90
HKSC20XA , HKSC20XB		55.3	60	49.5	60	4	19.00	94/107	100 / 110
HKSC25DC		55.3	60	49.5	60	5	23.75	116 / 133	125 / 150
HKSC25DC	<b>Circuit # 3</b>	<b>MCA</b>	<b>MOP</b>						
		24.7	30						
HKSC15XF		7.25	15	42.8	50	3	14.25	-----	-----
HKSC20XF		7.25	15	58.6	60	3	19.50	-----	-----

‡ - Please refer to Units Series and Rating plate for confirmation of MCA value

**\* For Electric Heater Kits with Circuit Breakers - NOTE: Circuit breakers supplied with the HKS electric heater kits are for short-circuit protection of the internal wiring and to serve as a unit disconnect.** Circuit breakers supplied with the HKS electric heater kits *DO NOT* provide over-current protection of the supply wiring. Over-current protection of the supply wiring must be provided at the distribution panel and sized as shown per this selector guide or on the unit data label and per the NEC and applicable local codes. In some cases the over-current protection specified in this selector guide or on the unit data label is less than the amp rating of the circuit breakers used in the HKS electric heater kits. This is because the function of the over-current protection required at the distribution panel (field supplied) and the function of the circuit breakers in the HKS electric heater kit is different.