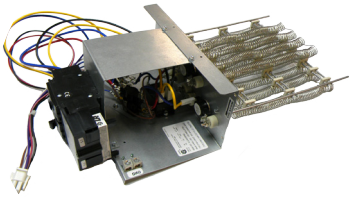


BACKER EHP



Open Coil Heaters: 6HK

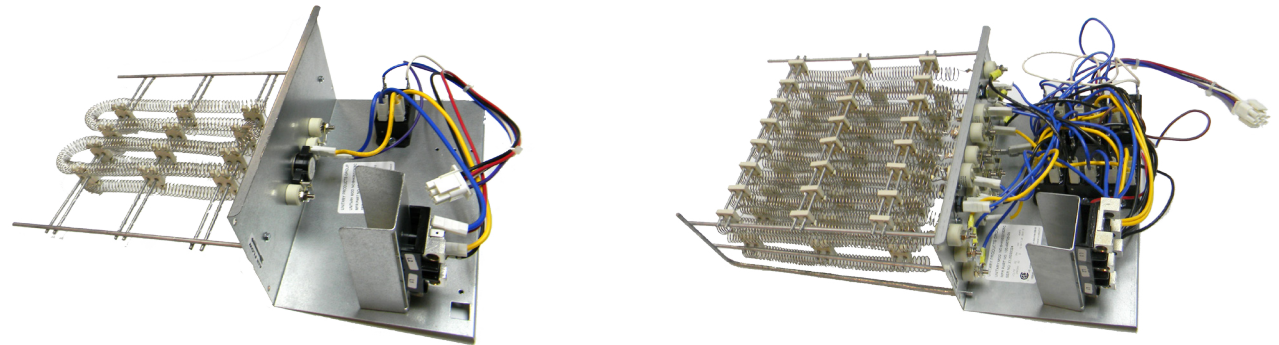
The Johnson Controls line of air handlers are utilized in the residential, light commercial and modular blower arenas. Backer EHP's electric comfort heating open coil heaters are custom designed, fully tested, and utilized in these line of air handlers. These electric open coil heaters are developed from the ground up in the specific air handler units, agency tested in all possible installation positions for maximum customer flexibility, and commissioned for professional field installation.

BENEFITS

- Highly engineered
- Custom designed
- Agency approved components
- Fully tested under UL 1995 in JCI specific air handlers

APPLICATIONS

- Phoenix Units
- Respack Units
- Modular Blower Units



Made with high quality heating coil wire, our electric open coil heaters provide a repeatable long lasting source of heat to all Johnson Controls customers. These durable and reliable open coil heaters take advantage of a rams horn ceramic support frame and use the highest quality safety components and electrical connection components. All of the electric open coil heaters used in the air handlers are recognized by UL and CSA agencies both in the USA and Canada.

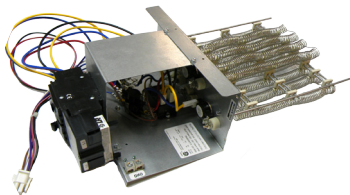


BACKER

Backer EHP, 4700 John Bragg Hwy, Murfreesboro, TN 37127. Phone: +1 615 907 6900, Fax: +1 615 907 6948, www.backer-springfield.com

Issue Date: January 19, 2017

OPEN COIL HEATERS: 6HK



The electric comfort heating open coil heaters are available in three series and 33 different models to meet your exact needs for electric heat in the field installation. The configurations available are terminal block connection, circuit breaker connection, and circuit breaker with single point kit connection.

AVAILABLE CONSTRUCTIONS

Rated Voltage
208V, 240V, 480V

Rated Power
2000W - 25,000W

Configurations
single point kit available

Phases
Single - 3 Phase

UL File: 1995

CSA 22.2 No. 236-05



BACKER

TECHNICAL SPECIFICATIONS

Johnson Controls Item Number	Backer Item Number	Volts	Watts	Amps	Heat Stages	Phase	Type	Cabinets
S1-6HK06500206	110071501	240V	2500W	10.42	1	1 PH	Terminal Block	Phoenix / Respack / New air-handler
S1-6HK16500206	110071502	240V	2500W	10.42	1	1 PH	Circuit Breaker	Phoenix / Respack / New air-handler
S1-6HK06500506	110071503	240V	5000W	20.83	1	1 PH	Terminal Block	Phoenix / Respack / New air-handler
S1-6HK16500506	110071504	240V	5000W	20.83	1	1 PH	Circuit Breaker	Phoenix / Respack / New air-handler
S1-6HK06500806	110071505	240V	8000W	33.33	1	1 PH	Terminal Block	Phoenix / Respack / New air-handler
S1-6HK16500806	110071506	240V	8000W	33.33	1	1 PH	Circuit Breaker	Phoenix / Respack / New air-handler
S1-6HK06501006	110071507	240V	10000W	41.67	1	1 PH	Terminal Block	Phoenix / Respack / New air-handler
S1-6HK16501006	110071508	240V	10000W	41.67	1	1 PH	Circuit Breaker	Phoenix / Respack / New air-handler
S1-6HK16501306	110071509	240V	13000W	54.17	2	1 PH	Circuit Breaker	Phoenix / Respack / New air-handler
S1-6HK16501506	110071510	240V	15000W	62.50	2	1 PH	Circuit Breaker	Phoenix / Respack / New air-handler
S1-6HK16501806	110071511	240V	18000W	75.00	2	1 PH	Circuit Breaker	Phoenix / Respack / New air-handler
S1-6HK16502006	110071512	240V	20000W	83.33	2	1 PH	Circuit Breaker	Phoenix / Respack / New air-handler
S1-6HK16502506	110071513	240V	25000W	104.17	2	1 PH	Circuit Breaker	Phoenix / Respack / New air-handler
S1-6HK26501306	110071523	240V	13000W	54.17	2	1 PH	Circuit Breaker - Single Point Kit	Phoenix / Respack / New air-handler
S1-6HK26501506	110071524	240V	15000W	62.50	2	1 PH	Circuit Breaker - Single Point Kit	Phoenix / Respack / New air-handler
S1-6HK26501806	110071525	240V	18000W	75.00	2	1 PH	Circuit Breaker - Single Point Kit	Phoenix / Respack / New air-handler
S1-6HK26502006	110071526	240V	20000W	83.33	2	1 PH	Circuit Breaker - Single Point Kit	Phoenix / Respack / New air-handler
S1-6HK26502506	110071527	240V	25000W	104.17	2	1 PH	Circuit Breaker - Single Point Kit	Phoenix / Respack / New air-handler
S1-6HK06501025	110072001	240V	9600W	23.10	1	3 PH	Terminal Block	Phoenix / Respack / New air-handler
S1-6HK06501525	110072002	240V	14400W	34.60	1	3 PH	Terminal Block	Phoenix / Respack / New air-handler
S1-6HK16502025	110072003	240V	19200W	46.20	2	3 PH	Circuit Breaker	Phoenix / Respack / New air-handler
S1-6HK16502525	110072004	240V	25000W	57.70	2	3 PH	Circuit Breaker	Phoenix / Respack / New air-handler
S1-6HK06501825	110072009	240V	18000W	41.60	2	3 PH	Terminal Block	Phoenix / Respack / New air-handler
S1-6HK06501046	110072010	480V	9600W	11.60	1	3 PH	Terminal Block	Respack & new 460V modular blower
S1-6HK06501546	110072011	480V	14400W	17.30	1	3 PH	Terminal Block	Respack & new 460V modular blower
S1-6HK06501846	110072012	480V	17300W	20.80	1	3 PH	Terminal Block	Respack & new 460V modular blower
S1-6HK06502046	110072013	480V	19200W	23.10	1	3 PH	Terminal Block	Respack & new 460V modular blower
S1-6HK06502546	110072014	480V	24000W	28.90	1	3 PH	Terminal Block	Respack & new 460V modular blower
S1-6HK36501025	110072023	240V	9600W	23.10	1	3 PH	Terminal Block	New air-handler & modular blower
S1-6HK36501525	110072024	240V	14400W	34.60	1	3 PH	Terminal Block	New air-handler & modular blower
S1-6HK36501825	110072025	240V	17280W	41.60	2	3 PH	Circuit Breaker	New air-handler & modular blower
S1-6HK46502025	110072026	240V	19200W	46.20	2	3 PH	Circuit Breaker	New air-handler & modular blower
S1-6HK46502525	110072027	240V	24000W	57.70	2	3 PH	Circuit Breaker	New air-handler & modular blower