

Date:

PO No.:

For:FileResubmitApprovalOther

Architect:

GC:

Engr:

Mech:

Rep:

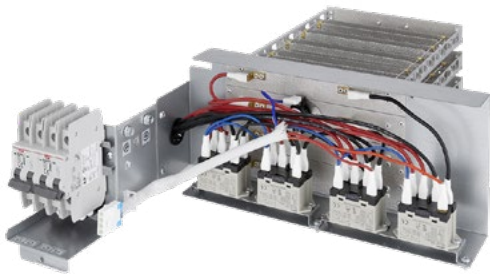
(Company)

(Project Manager)

ANEH203C3

20kW Electric Heat Kit

For Multi Position Air Handling Units



Compatibility with Multi Position Air Handling Units:

Multi V	ZRNUxxxNAAA, ZRNUxxxNBAA, ZRNUxxxNCAA
Multi F/Multi F MAX	KNMLBxxxA
Single Zone	KNSLBxxxA, KNSLAxxxA

Multi V Compatibility:

Chassis	Capacity (kBtu/h (RT))	Heater Capacity (kW)					
		3	5	8	10	15	20
NA	12 (1.0)	O	O	O	NA	NA	NA
	18 (1.5)	O	O	O	O	NA	NA
	24 (2.0)	O	O	O	O	NA	NA
	30 (2.5)	O	O	O	O	NA	NA
NB	36 (3.0)	O	O	O	O	O	NA
	42 (3.5)	O	O	O	O	O	O
	48 (4.0)	O	O	O	O	O	O
NC	54 (4.5)	O	O	O	O	O	O
	60 (5.0)	O	O	O	O	O	O

O = Available, NA=Not Available

Electrical Input:

Power Supply (V/Hz/Ø)	208/230V, 60Hz, 1Ph (X2)
Control	Wiring harness connects to MPAHU control board

Minimum Airflow for Multi V MPAHUs:

Heater Model	IDU Capacity kBtu/h (RT)	CFM
ANEH203C3	12 (1.0)	Not Available
ANEH203C3	18 (1.5)	Not Available
ANEH203C3	24 (2.0)	Not Available
ANEH203C3	30 (2.5)	Not Available
ANEH203C3	36 (3.0)	Not Available
ANEH203C3	42 (3.5)	1,000
ANEH203C3	48 (4.0)	1,070
ANEH203C3	54 (4.5)	1,260
ANEH203C3	60 (5.0)	1,400

Single Zone and Multi F/Multi F MAX Compatibility:

Chassis	Capacity (kBtu/h (RT))	Heater Capacity (kW)					
		3	5	8	10	15	20
NA	12 (1.0)	O	O	O	NA	NA	NA
	18 (1.5)	O	O	O	O	NA	NA
	24 (2.0)	O	O	O	O	NA	NA
NB	30 (2.5)	O	O	O	O	NA	NA
	36 (3.0)	O	O	O	O	O	NA
	42 (3.5)	O	O	O	O	O	O
	48 (4.0)	O	O	O	O	O	O
NC	60 (5.0)	O	O	O	O	O	O

O = Available, NA=Not Available

Static Pressure Drop Factors:

Heater Model	Multi V IDU Static Pressure Drop (in. wc)	Single Zone and Multi F / Multi F MAX Static Pressure Drop in. wc / Downflow
ANEH203C3	-0.04	-0.04

Minimum Airflow for Single Zone and
Multi F/Multi F MAX MPAHUs:

Heater Model	IDU Capacity kBtu/h (RT)	CFM
ANEH203C3	12 (1.0)	Not Available
ANEH203C3	18 (1.5)	Not Available
ANEH203C3	24 (2.0)	Not Available
ANEH203C3	30 (2.5)	Not Available
ANEH203C3	36 (3.0)	Not Available
ANEH203C3	42 (3.5)	1,000
ANEH203C3	48 (4.0)	1,070
ANEH203C3	60 (5.0)	1,400

Notes:

1. Must follow instructions in applicable LG installation manual.
2. Must follow all applicable local and national codes.
3. Requires separate power supply.
4. If a Third-Party Dry Contact and an LG internal heater or an LG Auxiliary Heater Kit is installed, supplemental heat capability cannot be controlled by the Third-Party Thermostat.

Job Name/Location: _____

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Electrical Specifications:

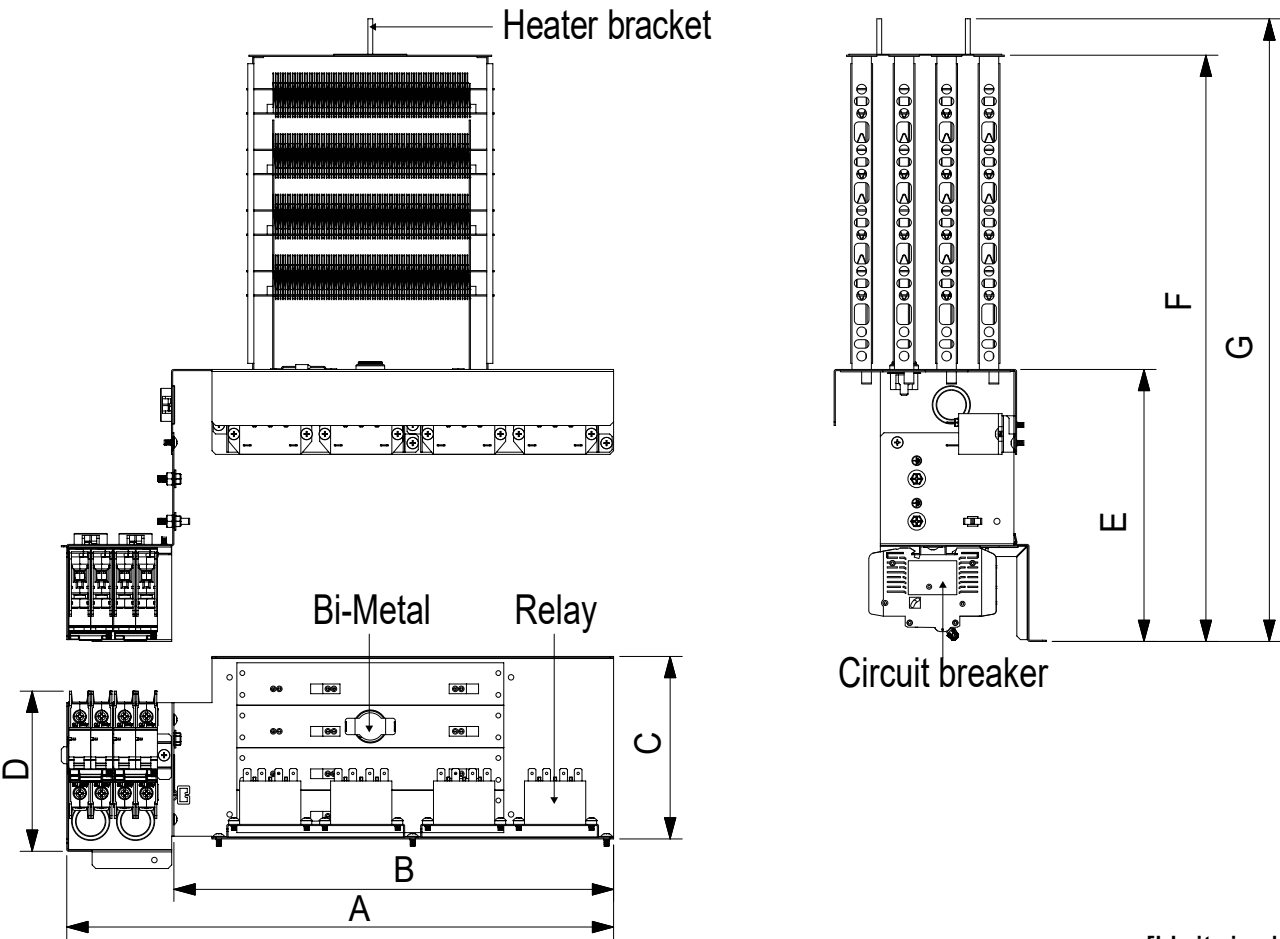
Heater Model	Power Supply	Input Power (kW @ 208/230V)	Capacity (kW @ 208/230V)	Heater Amps (Amps @ 208/230V)			Minimum Circuit Amps (Amps @ 208/230V)		
				Single Circuit	Dual Circuit		Single Circuit	Dual Circuit	
					Circuit 1	Circuit 2		Circuit 1	Circuit 2
ANEH203C3	208/230V, 60Hz, 1Ph	16.4 / 20	16.4 / 20	–	39.4 / 43.5	39.4 / 43.5	–	48.9 / 53.9	48.9 / 53.9

Heater Model	Circuit Breaker (Amps @ 208/230V)			Power Cable (AWG)			Conduit Size (in)	Knockout Diameter (in)
	Single Circuit	Dual Circuit		Single Circuit	Dual Circuit			
		Circuit 1	Circuit 2		Circuit 1	Circuit 2		
ANEH203C3	–	60 / 60	60 / 60	–	6 / 6	6 / 6	1-1/4	1-23/32

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[Unit: inch(mm)]

Heater Model	Dimension						
	A	B	C	D	E	F	G
ANEH033C1	13-1/2 (343.7)	11-1/2 (292.4)	5-15/16 (150.4)	5-3/16 (132)	8-13/16 (224.2)	19-3/8 (491)	20-1/2 (521)
ANEH053C1	13-1/2 (343.7)	11-1/2 (292.4)	5-15/16 (150.4)	5-3/16 (132)	8-13/16 (224.2)	19-3/8 (491)	20-1/2 (521)
ANEH083C2	13-1/2 (343.7)	11-1/2 (292.4)	5-15/16 (150.4)	5-3/16 (132)	8-13/16 (224.2)	19-3/8 (491)	20-1/2 (521)
ANEH103C2	13-1/2 (343.7)	11-1/2 (292.4)	5-15/16 (150.4)	5-3/16 (132)	8-13/16 (224.2)	19-3/8 (491)	20-1/2 (521)
ANEH153C3	15 (380.7)	11-1/2 (292.4)	5-15/16 (150.4)	5-3/16 (132)	8-13/16 (224.2)	19-3/8 (491)	20-1/2 (521)
ANEH203C3	17-3/4 (450.7)	14-1/4 (362.4)	5-15/16 (150.4)	5-3/16 (132)	8-13/16 (224.2)	19-3/8 (491)	20-1/2 (521)

Note
Image shown above may vary depending on model capacity.