

Date:

PO No.:

Architect:

Engr:

Rep:

(Company)

For: File Resubmit Approval Other

GC:

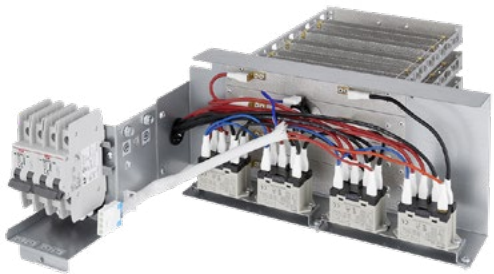
Mech:

(Project Manager)

ANEH053C1

5kW 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
Control	Wiring harness connects to MPAHU control board

Minimum Airflow for Multi V MPAHUs:

Heater Model	IDU Capacity kBtu/h (RT)	CFM
ANEH053C1	12 (1.0)	420
ANEH053C1	18 (1.5)	440
ANEH053C1	24 (2.0)	580
ANEH053C1	30 (2.5)	630
ANEH053C1	36 (3.0)	900
ANEH053C1	42 (3.5)	1,000
ANEH053C1	48 (4.0)	1,070
ANEH053C1	54 (4.5)	1,260
ANEH053C1	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
ANEH053C1	-0.01	-0.01

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

Heater Model	IDU Capacity kBtu/h (RT)	CFM
ANEH053C1	12 (1.0)	420
ANEH053C1	18 (1.5)	440
ANEH053C1	24 (2.0)	580
ANEH053C1	30 (2.5)	630
ANEH053C1	36 (3.0)	900
ANEH053C1	42 (3.5)	1,000
ANEH053C1	48 (4.0)	1,070
ANEH053C1	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: _____

ANEH053C1

5kW Electric Heat Kit

For Multi Position Air Handling Units



Tag No.: _____

Date: _____

PO No.: _____

Electrical Specifications:

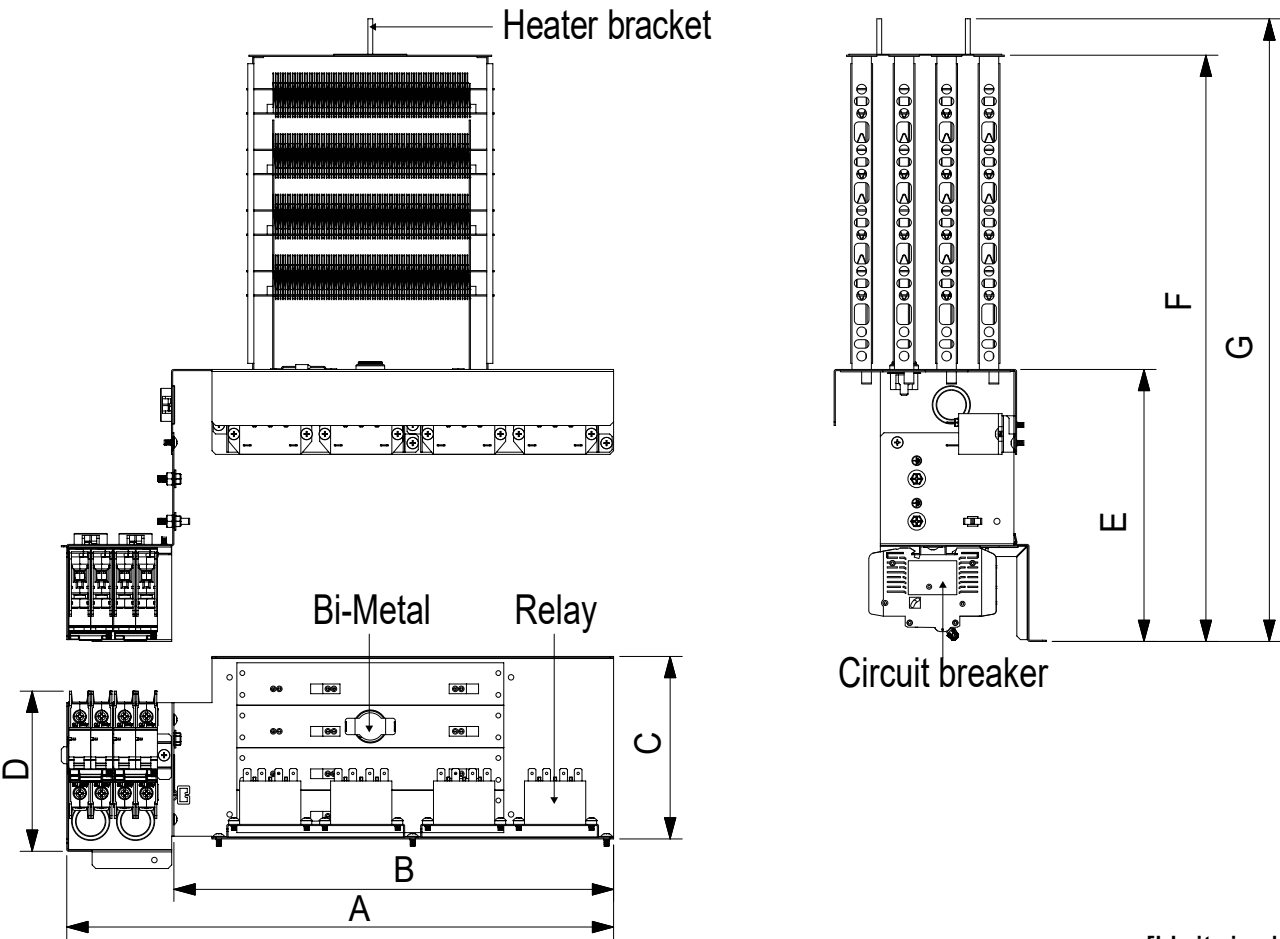
Heater Model	Power Supply	Input Power (kW @ 208/230V)	Capacity (kW @ 208/230V)	Heater Amps (Amps @ 208/230V)			Minimum Circuit Amps (Amps @ 208/230V)		
				Single Circuit	Dual Circuit		Single Circuit	Dual Circuit	
					Circuit 1	Circuit 2		Circuit 1	Circuit 2
ANEH053C1	208/230V, 60Hz, 1Ph	4.1 / 5	4.1 / 5	19.7 / 21.7	—	—	24.6 / 27.2	—	—

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		
ANEH053C1	30 / 30	—	—	10 / 10	—	—	1/2	7/8

ANEH053C1
5kW Electric Heat Kit
For Multi Position Air Handling Units



Tag No.: _____
Date: _____
PO No.: _____



[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.