Job Name/Location: **Tag #:**

Date:

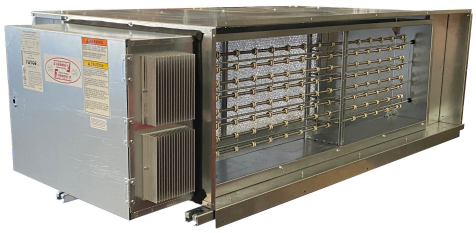
PO No.:

For: ☐File ☐Resubmit ☐Approval ☐Other_____

Architect: GC:

Engr: Mech:

Rep:
(Company) (Project Manager)



ZWPREHTR02
20 kW Electric Preheater
for Split Compact DOAS

LG Life's Good

Electrical:

Power Supply (V/Hz/Ø)	208/230V, 60Hz, 1Ph
Control Field supplied 4 conductor wiring connects to DOAS controller	
Capacity (kW@208V)	19.9
Heater Amps (Amps@208V)	95.7
MOCP (Maximum Overcurrent Protection)	125

Heater Compatibility:

Multi V	ARND153DCR4; ARND203DCR4

Unit Data:

Shipping Weight (lbs)	435

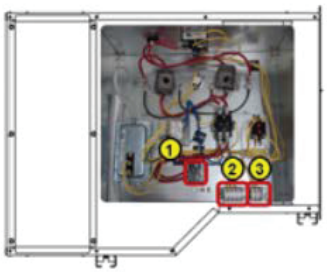
Split DOAS EAT Limit with **2**0kW Preheater

Airflow Rate (CFM)	Min Entering Air Temperature (°F)[11]
1000	-49
1100	-43
1200	-39
1300	-35
1400	-31
1500	-28
1600	-26
1700	-23
1800	-21
1900	-19
2000	-18

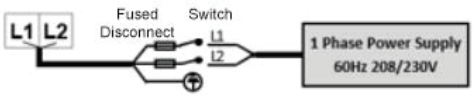
Notes:

1. Must follow instructions in applicable LG installation manual.
2. Must follow all applicable local and national codes.
3. Requires separate power supply.
4. SCR controlled heater; 24 volt control voltage.
5. Airflow safety switch.
6. Fan interlock (enable/disable).
7. Washable mesh filter, 20" x 25" x 1" (Qty of 2).
8. MERV 8 filter, 20" x 25" x 2" (Qty of 2).
9. (2) Toolless filter access panels.
10. Requires field provided 4 conductor, 18 AWG, stranded, shielded low voltage wiring between Electric Preheater and Split Compact DOAS.
11. Minimum entering air temperatures are for preheater only. Multi V 5 ambient temperature limit is -22°F.

Electric Preheater



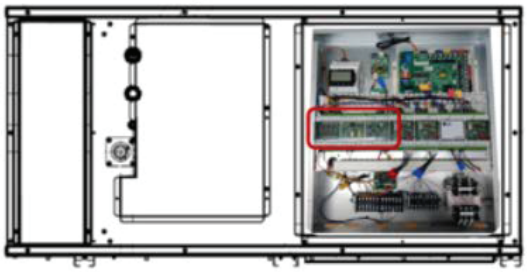
① POWER SUPPLY

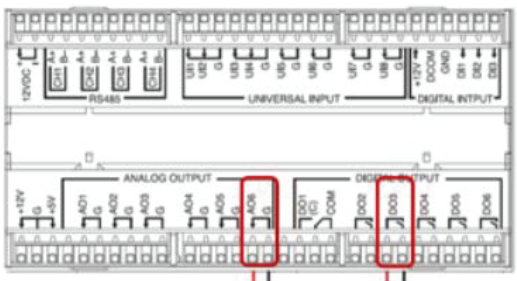


② INTERFACE MODULE ③ 24VAC to Enable Heat

0 to 10 VDC From COMPACT DOAS (AO #6) To Electric Preheater (#1, #3)

Compact DOAS





Heater Enable Signal From COMPACT DOAS(DO #3) To Electric Preheater (#2, F)

C US

For a complete list of available accessories, contact your LG representative.
For continual product development, LG reserves the right to change specifications without notice.

Job Name/Location: _____

ZWPREHTR02
20 kW Electric Preheater
for Split Compact DOAS

Tag No.: _____

Date: _____

PO No.: _____