

Tech Bulletin Number: V04870

Effective date: September ECat Release

Products: H3/V3 Series Gas Heat

Controls: N/A

H3/V3 HeatBoost Gas Heat

Heatco built gas heat cabinets

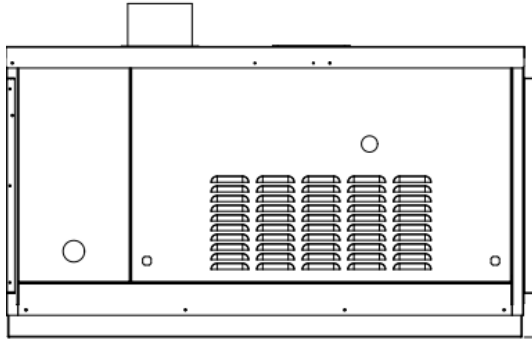
93% Gas Heat Change

In the 6.356 version of ECat, AAON introduced the 81% efficient HeatBoost option in the H3/V3 Series.

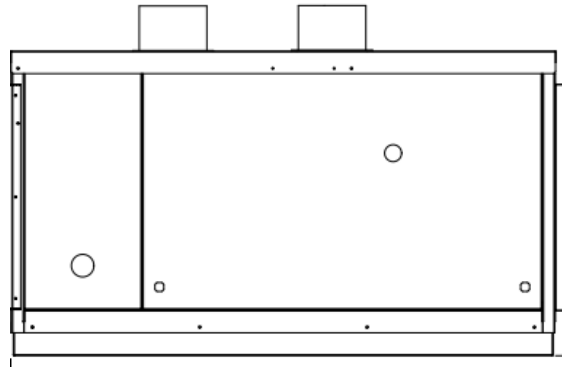
In a future version of ECat, AAON plans to introduce the 93% efficient HeatBoost.

- The gas heaters and the cabinet are built by Heatco. The cabinet is 20-gauge galvanized steel with 1" thick insulation.
- The heaters will follow Heatco's standard warranty.
- The gas heat cabinet ships separate from the H3 or V3 air handling unit.
- Current lead time add is 4 weeks for this option. This could increase as base unit lead times decrease.
- AAON will provide wiring for a single point power connection to the unit.
- Minimum clearances for the heater section may differ from the clearances of the heater.
- Open & Separated Combustion options are available.
- 81% and 93% have different venting instructions. See Heatco IOMs for more details:
 - <https://www.heatco.com/docs/>
 - Change Category to Installation Information
 - EM-IOM.pdf [for the 93% heaters]
 - HD-HT-IOM-MAN.pdf [for 81% heaters]

Open Combustion



Separated Combustion



See the following for the available gas heater options per cabinet size.

	ECat v 356			Future v ECat	
	81%			93%	
Cabinet	Low Heat	Intermediate Heat	High Heat	Low Heat	High Heat
H3A	HDG050		HDG100		EMG090
H3B	HDG050		HDG100		EMG090
H3C	HDA150		HDA250	EMG090	EMA225
H3D	HDA150	HDA200	HDA250	EMA180	EMA225
H3E	HDB225	HDB300	(2) HDG200	EMA225	(2) EMG180
V3A	HDG050		HDG100		EMG090
V3B	HDG050		HDG100		EMG090
V3C	HDG125		HDG200	EMG090	EMG180
V3D	HDA150	HDA200	HDA400	EMA180	EMA360
V3E	HDA250		HDA400	EMA225	EMA360