

air handlers

evaporator coils

unit heaters

# FOA | FSA Series

Separated combustion

FSA Cayenne™ residential models

*Flexible offerings for multiple unit heater applications*



*Solutions for Your needs*

# our features. your benefits.

## Easy Installation and Service

- Available in natural gas or propane
- Hanging brackets provided on the 30, 45, 60 and 75 models
- Hinged door with burner view port
- Easy to clean in-shot burners
- Self diagnostic board with indicator lights

## Efficiency & Safety

### Prior to ignition:

- Unit heater purges heat exchanger of any remaining exhaust gases
- Safety pressure switch checks for proper operating pressures

## Flexibility & Quality

- Heat exchanger has been laboratory life-cycle tested
- 2 years limited warranty on parts
- 10 years limited warranty on heat exchanger



**S**eparated combustion, uses a two pipe system to eliminate indoor contaminants from entering the heat exchanger compartment.

*FOA unit heaters only*

**T**ubular heat exchangers made of aluminized steel provide resistance to corrosion and oxidation. Easy to clean.



**D**irect drive propeller fans are dynamically balanced for quiet, smooth operation.



FOA|FSA Series

# Benefits.

## Additional Features:

*Power Exhaust System* with sealed flue collector allows for vertical or horizontal venting up to 25-40 feet

*Safe direct spark ignition* occurs only when thermostat calls for heat. No standing pilot light.

## FSA Cayenne™ Low Profile Unit Heater



- Great for garages
- Residential - Low profile unit
- Wiring junction box is located inside the unit cabinet and self-diagnostic board with LED display improves troubleshooting.

## FOA Separated Combustion Unit Heater

- Mostly used in light commercial and green houses applications (on selected models)
- Introduces clean combustible outside air when required
- Wiring junction box is located outside the unit
- Optional concentric venting kit and additional vent pipe available



# custom options. sizes.

## FOA N 75

### SERIES

**FOA:** Separated combustion unit heaters

**FSA:** Cayenne Unit Heaters

### GAS

**N:** natural gas  
**P:** propane

### NOMINAL GAS HEAT INPUT

**FSA:**  
30, 45, 60, 75

**FOA:**  
45, 60, 75, 100, 125, 150, 200, 250, 300

Note: All unit heaters are 115V/1ph/60Hz

### Recommended Sizing Guide

Unit	Application
FSA 30	1 to 1.5 car garage
FOA/FSA 45	2 to 2.5 car garage
FOA 60	3 to 3.5 car garage
FOA/FSA 75-125	Uninsulated or larger detached garage

### Mounting Clearance [in]

Top	1
Bottom	0
Access Side	18
Side	1
Back	18

# dimensions. specifications.

FSA model size gas input [MBTUH]		30	45	60	75
Thermal efficiency [%]		81	81	80	80
Air volume [CFM]		536	750	830	950
Air throw at 8 foot mounting height [ft]		25	25	40	40
Temperature rise [°F]		42	45	55	60
Recommended mounting height *[ft]		10	10	12	12
Number of propeller fans		1	1	1	1
**Flue connection size [in]		3	3	4	4
Gas connection size NPT [in]		1/2	1/2	1/2	1/2
Shipping weight [lbs]		60	63	87	91
Fan motor data	Horsepower	1/20	1/20	1/8	1/8
	AMPS @ 115 V / 1 PH. / 60 Hz	1.7	1.7	4.1	4.1
	RPM	1,650	1,650	1,075	1,075
Depth [in]		18 1/2			
Width [in]		25			
Height [in]		12		17	



ISO 9001:2000  
Registered Quality System



\* To bottom of unit  
\*\*Diameter of round pipe - adaptor furnished with heater

FOA model size gas input [MBTUH]		45	60	75	100	125	*150	*200	*250	*300
Thermal efficiency: NG [%]		81	81	80	81	81	80	82	81	80
Thermal efficiency: LPG [%]		81	81	80	81	81	81	80	82	81
Air volume [CFM]		750	830	950	2435	2435	2955	2955	5215	5215
Air Throw at 8 ft • Mounting Height [ft]		25	40	40	50	50	80	80	100	100
Recommended mounting height [ft]		10	12	12	20	20	20	20	30	30
Number of propeller fans		1	1	1	1	1	1	1	2	2
Shipping weight [lbs]		84	100	104	188	204	261	266	307	323
Fan motor data	Horsepower	1/20	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8
	AMPS @ 115 V / 1 PH. / 60 Hz	1.7	4.1	4.1	2.7	2.7	2.7	2.7	2.7	2.7
	RPM	1,650	1,075	1,075	1,075	1,075	1,075	1,075	1,075	1,075
Combustion air size [in]		3	4	4	4	4	4	4	4	4
**Flue connection size [in]		3	4	4	5	5	5	5	5	6
Gas connection size NPT [in]		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4
Depth [in]		18 1/2			32 3/8					
Width [in]		26			36 1/2					
Height [in]		12	17		21		27		39	

\*Sizes are not approved for residential application

\*\*Diameter of round pipe - adaptor furnished with heater

# heater comparison.

Series	 FSA Series	 FOA Series	 SEP Series	 HED Series
Description	Residential unit heater: For garages and small greenhouses	Light commercial unit heater: For light commercial, residential and warehouses	Commercial unit heater and duct furnace: For commercial and warehouses (SEP: unit heater, HED: duct furnace)	
Heat Input	[MTUH]			
30	•			
45	•	•		
60	•	•		
75	•	•		•
100		•	•	•
115			•	
125		•		•
145			•	
150		^		•
175			•	
200		^	•	•
230			•	
250		^	•	•
300		^	•	•
345			•	
400			•	
Fuel				
Natural Gas	•	•	•	•
Liquid Propane	°	°	°	
Heat Exchanger				
Aluminized Steel	•	•	•	•
Stainless Steel			•	•
Separated Combustion		•		

- available as a standard, factory installed
- ° available from-factory and as a kit
- ^ sizes are not approved for residential application

# Advanced Distributor Products

*making your business easier, each step of the way*

ADP is one of the world's largest residential evaporator coil manufacturers. We also offer high efficiency air handlers and easy-to-install unit heaters. Our primary purpose is to support each individual distributor in creating their own unique way of doing business.

**Innovative Solutions** We leverage our products and expertise to tailor innovative solutions for each individual customer.

**Superior Quality** Our production system is ISO 9001:2000 certified and is supported by an ETL calibrated laboratory. We strive to manufacture the highest quality products in the marketplace.

**Dependable Delivery** We have industry leading cycle-times and carry a strategic inventory of our most popular models to meet seasonal demands.

**Profitable Partnership** Our team recognizes the value of long-term relationships. We have an "easy-to-do-business" heritage and acknowledge that each customer is different.



# innovative solutions.

*presenting the ADP product line.*



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