

Quality manufacturing, pride in craftsmanship and dependable factory support are AVS trademarks.

The "matchless" heater

PuraFire is 100% high pressure washable. See operation manual for complete cleaning instructions.

AGRICULTURAL HEATER

Lowest CO output in the industry!



THE ADVANTAGE

- Consistent, clean burning & fuel efficient source of warmth
- Near 100% efficiency
- Thermostatically operated
- Uses less energy to yield greater BTU's
- Intelligent trouble-shooting safety features
- In case of flame failure, an automatic fan shut down stops drafts & gas control lockout prevents gas from escaping
- Bottom-draw intake better controls air flow
- Outside is not hot to the touch
- "Bent flame" design greatly increases flame surface area & heat chamber efficiency
- Constructed of tough, rust resistant, galvanized steel (stainless steel enclosure optional)
- Motor assembly, blower, gas valve, control panel & other components are protected from moisture, dirt & dust
- Swinging doors on each side allow access to all working parts
- 24-volt electronic ignition energizes in just 4 seconds - no need for matches
- Porcelain casing protects the igniter from damage and excessive heat exposure

ACCESSORIES

- Primary Regulator - LP Gas
- Secondary Regulator - LP Gas
- Thermostat - NEMA 4
- Gas Hose- 10' Long 3/8" Dia. or 10' Long 1/2" Dia. (225)
- Suspension Kit
- 15" or 24" Duct
- Wire Set- 20' w/Thru Plug
- Sediment Trap 1/2"
- Y - Duct
- T - Duct
- Y - Yoke
- Downward, Wall, or Duct Mount Diffuser
- Outdoor Kit

PuraFire heaters by AVS come assembled and ready to install.

Specifications and Features

	C80M	C225
BTU/HR	40,000-80,000 Manually Adjustable	225,000
Minimum Supply Gas Pressure	11.4 (LP) 4.4 (Natural Gas)	11.8 (LP) 4.9 (Natural Gas)
Air Delivery - Heated	520 CFM	1,173 CFM
Fresh Air Requirement for recirculation units	320 CFM	900 CFM
Electrical Requirements	115V/Single Phase/60Hz	115V/Single Phase/60Hz or 220V/Single Phase/50Hz
Motor	1/8 HP	1/3 HP 4.7 Amps
Motor Currents	1.5 Amps	3.5 Amps
Dimensions		
Length	20.5"	27"
Width	13"	20"
Height	21.75"	27"
Shipping Weight	57 Lbs.	103 Lbs.
Part #:		
LP Gas	01-5424 (C80MLP)	01-5430 (C225LP)
Natural Gas	01-5425 (C80MNG)	01-5434 (C225NG)

50 Hz Model

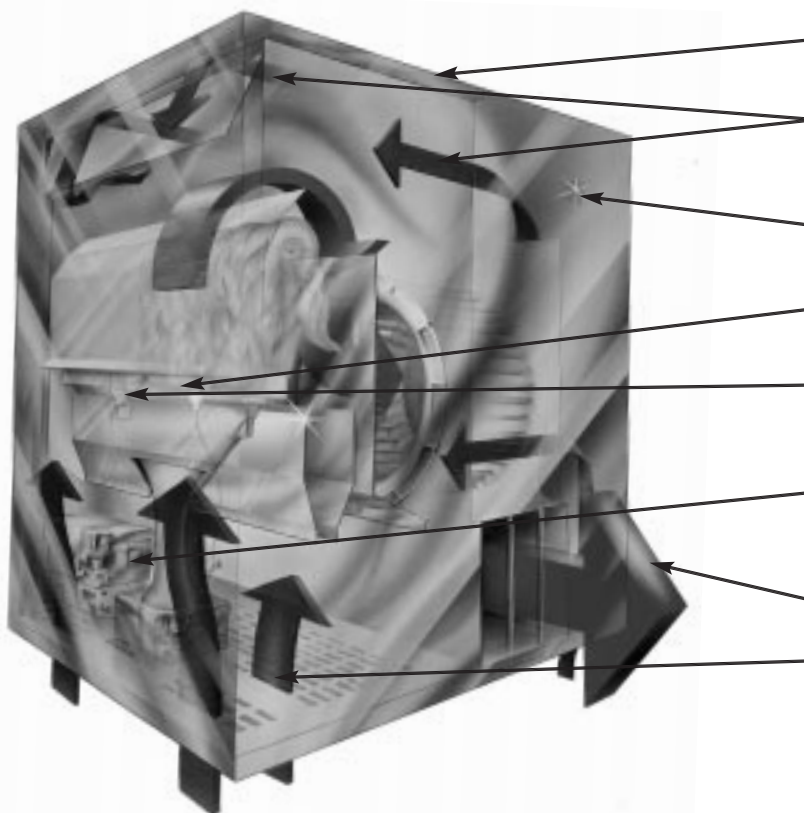
01-5424x1	C80M	LP	Galvanized
01-5425x1	C80M	NG	Galvanized
01-5426x1	C80M	LP	Stainless Steel
01-5427x1	C80M	NG	Stainless Steel

01-5430x1	C225	LP	Galvanized
01-5434x1	C225	NG	Galvanized
01-5436x1	C225	NG	Stainless Steel
01-5437x1	C225	LP	Stainless Steel

60 Hz Model

01-5424	C80M	LP	Galvanized
01-5425	C80M	NG	Galvanized
01-5426	C80M	LP	Stainless Steel
01-5427	C80M	NG	Stainless Steel

01-5430	C225	LP	Galvanized
01-5434	C225	NG	Galvanized
01-5436	C225	NG	Stainless Steel
01-5437	C225	LP	Stainless Steel



Low maintenance, all-galvanized construction

Controlled air flow pattern is directed to keep outer walls cooler

Diagnostic light flashes if problems occur

Flame rod monitors heat chamber operations

Electronic igniter is encased to protect against heat and damage

Gas valve is protected against corrosion and radiant heat

Powerful, warm air output

Bottom-draw design allows for consistent gas and air mix

EFFICIENT, POWERFUL, DEPENDABLE



P.O. Box 20
1004 E. Illinois St.
Assumption, IL 62510

Swine

217-226-4449

Fax 217-226-3540

Poultry

217-226-4401

Fax 800-353-8491

PuraFire heaters, including all components and sub components, are warranted to be free from defects in material and workmanship for a one-year period from the date of installation.

Warning: Do not use this heater in an improperly ventilated area or where liquids with flammable vapors are stored or used.

For more information on all AVS products, see your local AVS dealer.

