



# ANESI

# GAS HEAT PUMPS

## 80,000 BTH GAS HEAT PUMP

*For Space & Water Heating*

- Capable of providing space heating & hot water with a matched indirect water heater
- 140% AFUE lowers heating bills up to 50%, reduces CO2 emissions
- Provides comfortable space heating down to -40° ambient for even the toughest winter
- Whisper quiet operation with variable speed evaporator fan, modulated burner & no compressor motor
- Ultra Low NOx compliant, environmentally friendly gas burner with 4:1 modulation for efficiency
- 115V, <6 Amp power means no expensive panel upgrades
- Rear water & gas connections with built in isolation valves for easy, flexible installation
- Steel base built-in fork pockets for easy transport & installation



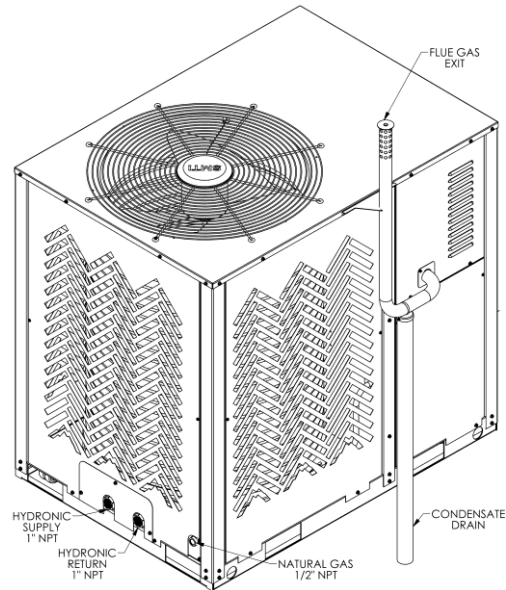
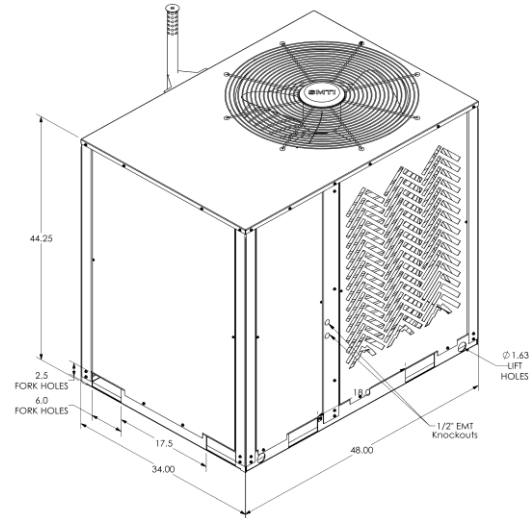
**BETTER EFFICIENCY.  
BETTER COMFORT.  
BETTER PLANET.**

Stone Mountain Technologies, Inc  
Johnson City TN

[www.anesicomfort.com](http://www.anesicomfort.com)



Performance	Unit	Value
Heating Capacity *	[Btu/hr]	78,000
COP (Higher Heating Value) *		1.43
Maximum Supply Temperature	[deg F/C]	150/65.6
Max. Return Temperature (@full fire)	[deg F/C]	132/55.6
Max. Return Temperature (@ minimum fire)	[deg F/C]	142/61.1
Delta T @ full fire	[deg F/C]	20/6.7
Gas Input (Higher Heating Value)	[Btu/hr]	54,500
Modulation (fully variable)		4:1
Combustion		Condensing
NOx Compliance (Ultra Low Nox)	ng/J	<14
Nominal Hydronic Flow	[gpm/lpm]	8.5/30
Glycol Concentration		40%
Minimum Ambient	[deg F/C]	-40/-40
Maximum Ambient	[deg F/C]	130/54
<b>Physical</b>		
Width	[in/cm]	34/86.4
Length	[in/cm]	48/121.9
Height	[in/cm]	44/111.8
Weight	[lbs/kg]	550/249.5
Voltage	VAC	115
Maximum Amperage	Amp	6
Gas Connection	FNPT	1/2"
Water Connections	FNPT	1"
Hydronic Pressure Drop (Nominal Condition)	[psi/kPa]	5/34.5
Approximate NH3 Charge	[lbs/kg]	12/5.4
Approximate H2O Charge	[lbs/kg]	8/3.6
<b>Miscellaneous</b>		
Electrical Knockouts, qty. 2		0.5", EMT
Height (ground to exhaust top)	[in/cm]	56.5/143.5
<b>Certifications</b>		
ANSI (American National Standards Institute)		Z21.40.1
CGA (Canadian Gas Association)		2.91
<b>Communications &amp; Control</b>		
CTA2045 Compliance		future release
Communications Capability		Wi-Fi, Bluetooth



\* Performance at standard ANSI rating conditions of 47F ambient, 95F return

Patent Pending- specification subject to change at manufacturer discretion



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