



# Lochinvar<sup>®</sup>

HIGH EFFICIENCY BOILERS & WATER HEATERS

DESIGNED ★ ENGINEERED ★ ASSEMBLED

# USA

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# Today's Discussion

- Overview of Lochinvar water heaters
- Water heater system and design considerations
- Water heater installation

# LochSpec Sizing Calculator

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## 1. Select Application

### Selected Models

## 2. Job Requirements

## 3. Product Selection

## 4. Job Information

## 5. Reports

Category (efficiency)	Model (Qty)	Input (BTU/hr)	Fuel Type	Tank (Qty)	US Gallon Capacity	
Armor (97%)	AWN200PM(1)	199,999	Gas Fired	RJS080 (1)	78	<a href="#">Armor Web Page</a>
						<a href="#">RJS080</a>
Shield (96%)	SNA201-100(1)	199,999	Gas Fired	N/A	90	<a href="#">Shield Web Page</a>
Armor Wall Mount (96%)	WAN1200PM(1)	199,999	Gas Fired	RJS080 (1)	78	<a href="#">Armor Wall Mount Web Page</a>
						<a href="#">RJS080</a>
Shield (96%)	SNR201-100(1)	199,999	Gas Fired	N/A	90	<a href="#">Shield Web Page</a>
Copper-Fin (CW) (82%)	CWN180PM(1)	180,000	Gas Fired	RJS080 (1)	78	<a href="#">Copper-Fin (CW) Web Page</a>
						<a href="#">RJS080</a>
Charger (80%)	CGN200 100(1)	199,000	Gas Fired	N/A	100	<a href="#">Charger Web Page</a>
Charger (80%)	CGN199 100 (A)(1)	199,000	Gas Fired	N/A	100	<a href="#">Charger Web Page</a>
Charger (80%)	CGN200 080(1)	199,000	Gas Fired	N/A	81	<a href="#">Charger Web Page</a>

### Storage Size

% Storage: 

### Tank Orientation:

☒ Vertical☐ Horizontal

### New Project (Reset)

Registered users can create and save projects. register now!

Questions or Assistance? Contact Lochinvar

### Application Details

Name: Apartments  
Family: Apartment  
Fuel Type: Gas Fired  
Elevation: 200 Feet  
Ground Water: 40 Fahrenheit  
Stored Water: 140 Fahrenheit  
Delivery Type: 3 hour Peak  
Output Required: 152,453 BTU

### Energy Savings

Days of Operation: 365 Per Year  
US Gallons: 182 Per Day  
Therms: 554 Per Year  
Fuel Cost \$1.22 Per Therm  
Cost at 80%: \$845 Per Year  
Cost at 97%: \$697 Per Year  
Savings: \$148 Per Year

Cost Per Therm   
Efficiency

# Mid efficiency heaters for higher temp, non-condensing applications with conventional venting



- THE POWER FIN HAS UPDATED FOR:
- Input capacity (500mbh to 5 million BTU/hr.)
- Fits through any 36-inch door
- New double row heat exchanger with swept fins
- 8-inch Touchscreen and Remote monitoring
- Money-saving burner modulation
- Even greater venting flexibility

# High Efficiency for condensing applications

PVC Vented

Great for retrofit and new construction



# Armor 1250-4000 Heat Exchanger

- 316L stainless steel water tube design
- No gaskets used on water side
- Swing door for ease of service
- ASME Construction

