



# PRODUCT GUIDE

## Residential & Commercial

Premier Unit Heaters

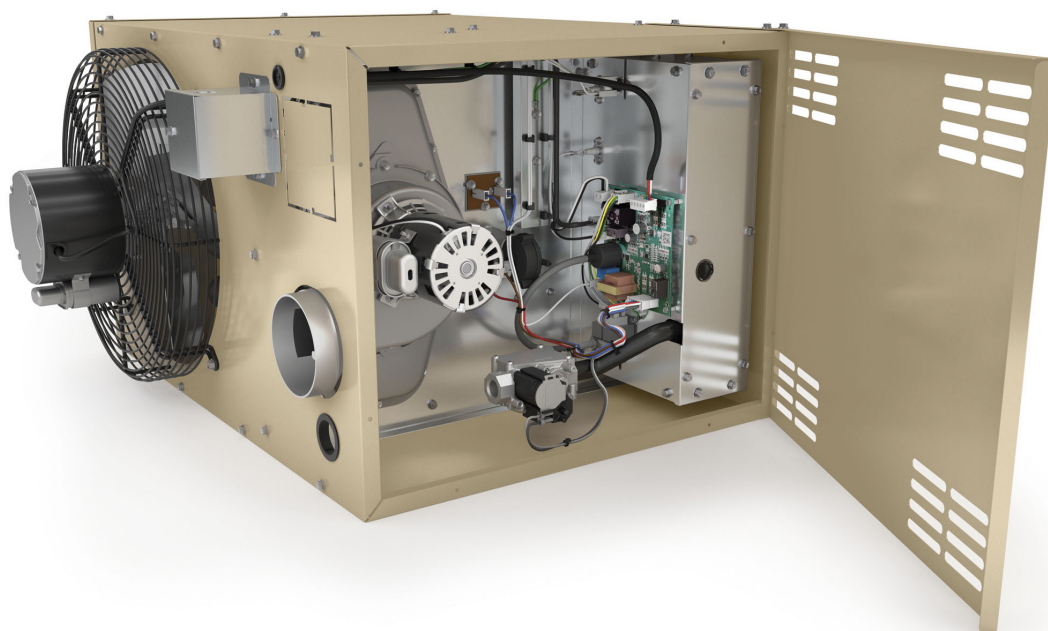
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*Advanced Distributor Products™*

# Improved Performance and Serviceability

ADP Unit Heaters are engineered for maximum efficiency, increased reliability, and peak performance. Each unit is newly designed for simplified installation with enhanced features. Our patented heat exchanger minimizes air resistance to allow for even heating, reducing stress on the heat exchanger for increased durability. ADP Unit Heaters are the ideal choice for a wide range of commercial and residential applications.



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## Patented Heat Exchanger

Up to 85% thermal efficiency on LP models to deliver comfort with maximum efficiency

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## Ultimate Sound Quality

30% quieter than previous models providing an undistracted environment

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## 180° Installation Capability

Flexible installation options for residential applications that benefit the technician

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## Self-Diagnostic DSI Control Board

Featuring an LED display improving troubleshooting efficiency and accuracy

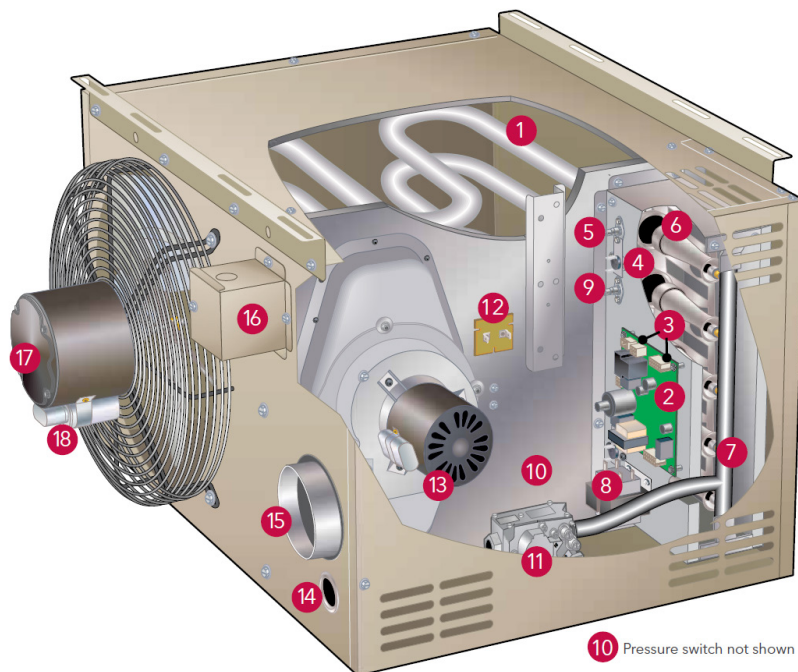
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## 30,000 – 400,000 BTU/h Capacity

Meeting a wide range of commercial and residential application requirements

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## Designed to Meet All of Your Heating Needs



1. **Dimpled Tubular Heat Exchanger** improves efficiency and increase durability
2. **DSI Control Board** offers many diagnostic codes to speed up installation and diagnostics
3. **Removable Thermostat** and Power Connections for speed of installation
4. **Flame Rollout Switches** improve safety

5. **Flame Sensor**
6. **Burner Cluster**
7. **Gas Manifold**
8. **24V Transformer**
9. **Direct Spark Igniter** improves operation and efficiency
10. **Pressure Switch** verifies flue pipe is clear for safe operation
11. **24V Gas Valve** with 100% safety shut off

12. **Primary Limit Switch**
13. **Combustion Air Inducer**
14. **Gas Inlet**
15. **Flue Outlet**
16. **Field Power Connection**
17. **Fan Motor**
18. **Capacitor**

## THE ADP ADVANTAGE

<b>FLEXIBILITY</b>	ADP provides solutions for all your residential and commercial heating needs.
<b>QUALITY</b>	Every unit heater is run tested with complete cycles of startup and shut down prior to shipping.
<b>SERVICE</b>	ADP unit heaters are made for seamless installation and easy access.
<b>ENERGY</b>	Natural gas and propane models available to meet your needs.
<b>WARRANTY</b>	Commercial unit heaters feature a 2-year limited warranty on parts, 15-year limited warranty on stainless steel heat exchanger, and 10-year limited warranty on aluminized heat exchanger. Residential unit heaters feature a 2-year limited warranty on parts and a 10-year limited warranty on aluminized heat exchanger.

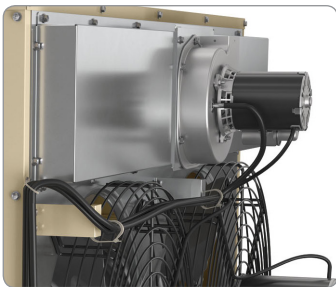




## NOMENCLATURE

UH	RS	45	N	A	1
Product Line	Application	Nominal Gas Heat Input	Fuel Type	Heat Exchanger	Design Revision
<b>UH:</b> Unit Heater	<b>RS:</b> Residential <b>CM:</b> Commercial	<b>RS:</b> 30, 45, 60, 75, 90, 105 <b>CM:</b> 125, 150, 175, 200, 250, 300, 350, 400	<b>N:</b> Natural Gas <b>P:</b> Propane	<b>A:</b> Aluminized Steel <b>S:</b> Stainless Steel * Stainless Steel only available for CM models.	<b>Blank:</b> None <b>1:</b> Revision

## ADDITIONAL FEATURES



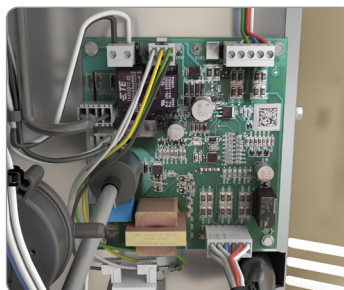
Power exhaust allows heaters to be vented vertically or horizontally



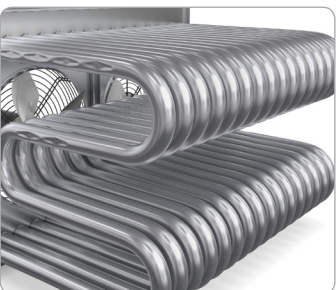
Hinged Access Door for easy access servicing



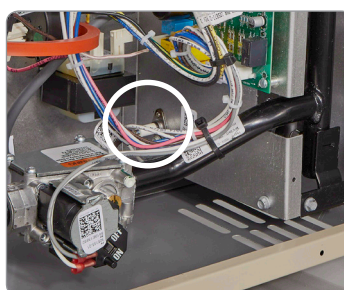
Direct drive propeller fans are dynamically balanced for quiet and smooth operation



DSI Control Board designed for easy servicing



Patented Tubular Heat Exchanger provides resistance to corrosion and oxidation



Direct Spark Igniter improving operation and efficiency

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