



# CHINOOK COMPACT

- The smallest central gas heating unit for the multifamily market
- **10" wide x 22" tall**
- Low air flow rate for thermal comfort and quieter operation
- Allows the Right-Sized System® in combination with our *Alizé* cooling unit

**WARM AIR GAS FURNACE DESIGNED,  
ENGINEERED AND MANUFACTURED IN  
CANADA FOR HEATING AND COOLING  
NORTH-AMERICAN HOMES**



**Jacinthe Nichols**  
Project leader R&D and  
responsible for our *Chinook  
Compact* development

# CHINOOK COMPACT



Dettson launches a revolutionary product with the gas furnace Chinook Compact, which is the logical result in the evolution of our gas furnaces Chinook family.

## Benefits and differentiations

- Smallest footprint in the industry (height and width)
- Designed for the rapidly changing new construction market which requires smaller capacity appliances due to tighter envelopes
- Zero-clearance certification for new construction and renovation projects
- Designed and built with input from partners across North America including: gas laboratories, builders, contractors, distributors and research centers

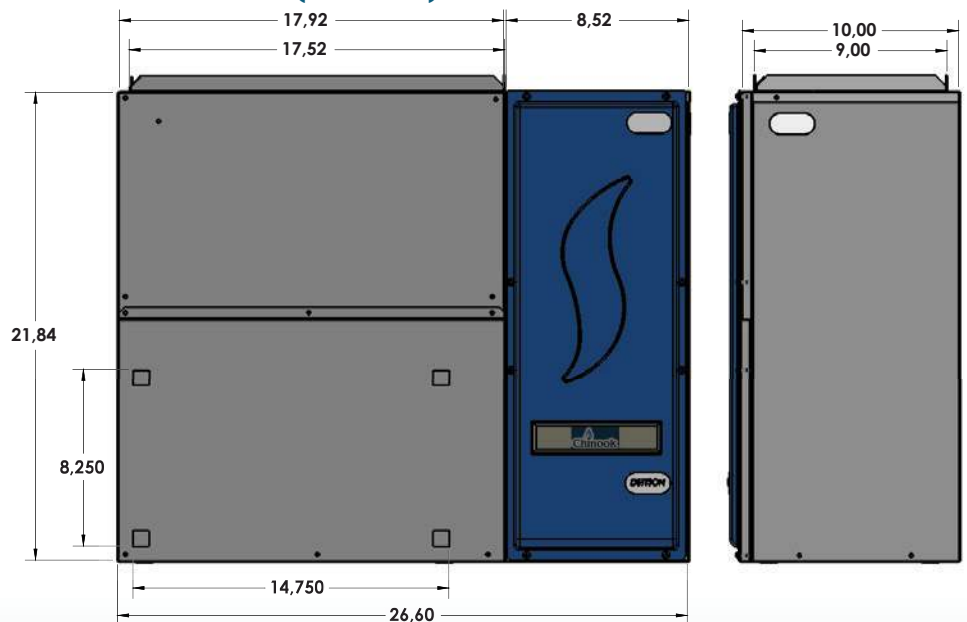
## Product features

- Over 95% AFUE
- **Multiposition**
- Efficient combustion, stable at both high and low firing rates
- Quiet warm air and convenient heating capacities
- Modulating from 40 to 100%
- Innovative & efficient blower design provides quiet operation for comfort as well as energy efficiency
- Optional propane conversion kit is available

## Reliable appliance that offers a safe maintenance environment

- Stainless steel extruded tube heat exchanger; primary (SST 409) and secondary (AL 29-4C)
- The ID blower has a single position independent of appliance orientation
- Industry known components
- Simplified condensate routing

## Dimensions (in inches)



Product Information	
Input High Fire (100%)	15,000
Input Low Fire (40%)	6,000
Output High Fire (100%)	14,400
Output Low Fire (40%)	5,760
Efficiency (AFUE)	96%
Temperature Rise (°F)	22-55 °F
CFM Heating (100%)	250
CFM Heating (40%)	100
CFM Max in Cooling	300
Cooling Capacity	3/4 Ton (9,000 BTU/h)
	1 Ton (12,000 BTU/h)
Variable Speed Motor HP	1/3 HP

## Top view



Specifications	
Weight (Lb/Kg)	62/28
Electrical Data	120V - 60 Hertz 1phase
Maximum Consumption	8.7 Amps
Maximum Equivalent Straight Vent Length (Ft)	
ALTITUDE	VENT PIPE 2" DIAMETER
0 to 4500 ft	300



3400, boulevard Industriel  
Sherbrooke, Québec  
J1L 1V8 Canada

**T** 1.819.346.8493  
**TF** 1.800.567.2733  
**F** 1.819.346.8468  
info@dettson.ca  
[www.dettson.com](http://www.dettson.com)