

Dettson

HEATING
AIR CONDITIONING
VENTILATION



DUAL ENERGY

DESIGNED WITH LOGIC
IN MIND!

Economical and Efficient

The dimension and strategic location of electrical elements, the burner's high efficiency, and the use of the stainless steel combustion chamber as a primary heat exchanger all make Dettson Dual Energy systems extremely efficient.

Compact and Quiet

The combustion chamber's unique concept includes a noise trap which eliminates up to 80% of combustion sounds. Moreover, the burner located within a closed compartment makes Dettson Dual Energy systems even quieter.

Modern and Versatile

The design, selection, and layout of each component are the result of lengthy research and development processes integrating the latest technology in thermodynamics and fluid flow.

Durable and Reliable

Since 1952, Dettson manufactures heating and ventilation systems meeting the highest quality standards. Using top quality materials, such as stainless steel or baked enamel, and highly skilled labour, Dettson can offer a lifetime warranty

on its systems! (See details in the operator's manual.)

Right Time – Securing Your Energy Supply Without Any Compromise

Dettson Dual Energy systems enable you to choose your energy supply, either electricity or oil, without making any compromise. Dettson's R&D department made sure their heating systems are totally integrated and operate just as effectively with either oil or electricity.

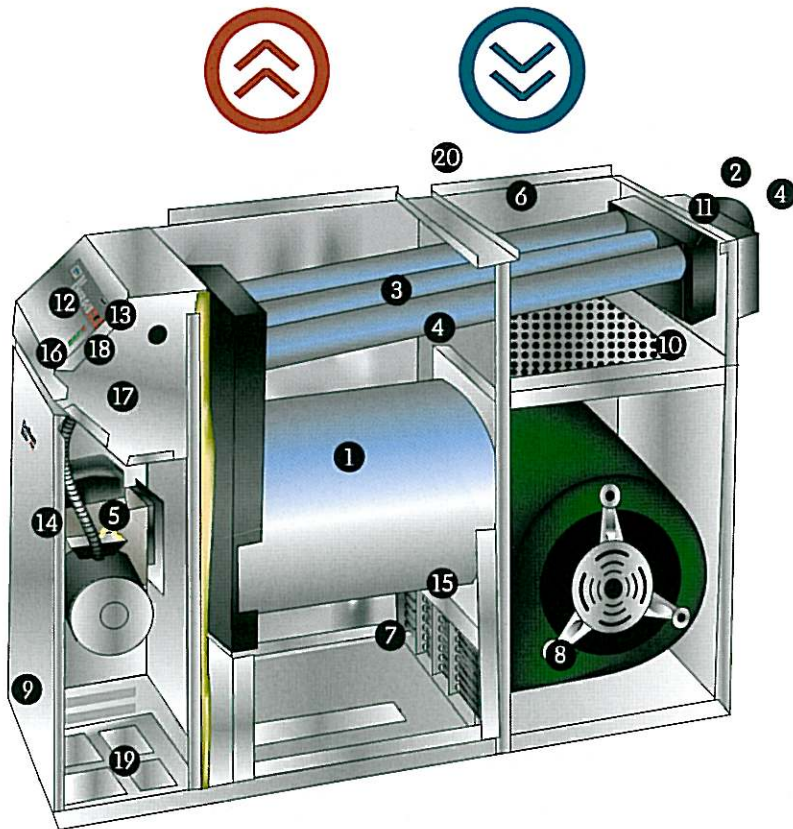
Right Price – Saving on Energy Costs

According to several studies, dual energy heating is currently the most economical method, especially when combined with Hydro-Québec's reduced rate program.

E l e c t r i c i t y - O i l

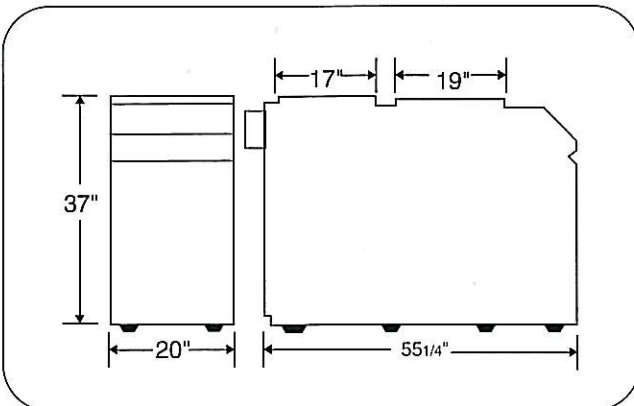
AME

FORCED AIR SYSTEM



1. Horizontal combustion chamber (stainless steel)
2. Easy access to heat exchanger
3. Heat exchanger
4. Cleaning access
5. Beckett 3450 RPM burner
6. Standard dimension cap (bonnet?)
7. Air inlet under combustion chamber (improved heat flow and transfer) (Can be used on floors without flame retardant.)
8. Reduced speed motor-fan unit (groupe moto souffleur à vitesse réduite) (model G10 minimizes blower noise and has a direct drive designed to facilitate and speed up motor access)
9. Steel external panels
10. Standard air filter
11. Noise trap
12. Electronic map
13. Dual energy selector
14. Easy access burner door
15. Electric element drawer
16. Indicator light
17. Manual emergency switch for heating control at all times
18. Fan switch
19. Easy handling
20. Plenum adapter

D I M E N S I O N S



Approved for
Hydro-Quebec's
reduced rate program



S P E C I F I C A T I O N S

| Model | Output Bonnet (btu/hr) | Burner | Nozzl (100 psi) | Electrical capacity (kw / btu/hr) | Elements | Current Capacity (A) | Weight (lbs/kg) |
|------------|------------------------|--------|-----------------|-----------------------------------|----------|----------------------|-----------------|
| AME-15-79 | 77 000 | AFG | 0,65 | 15 / 51 180 | 3 | 70,5 | 215/96 |
| AME-20-90 | 89 000 | AFG | 0,75 | 20 / 68 240 | 4 | 91,3 | 215/96 |
| AME-25-100 | 101 000 | AFG | 0,85 | 25 / 85 300 | 5 | 112,2 | 215/96 |