

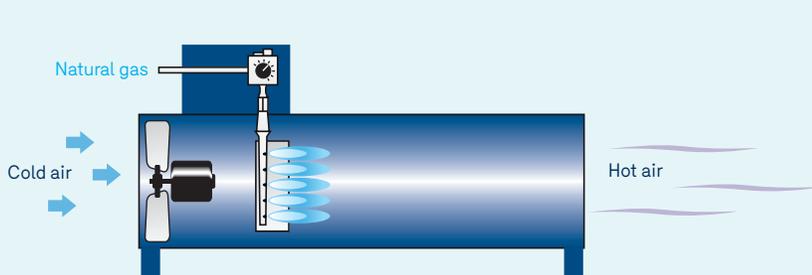
Construction furnace

Temporary heating

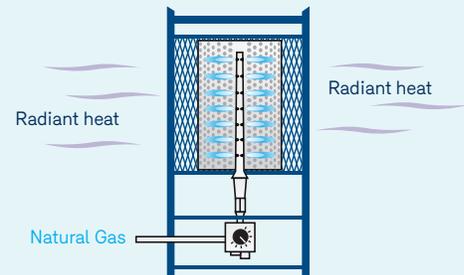
Concept

Construction furnaces, commonly called “salamanders” or “torpedo furnaces” are appliances used during the winter to heat construction worksites. Constructing a building in wintertime requires some heating in order to maintain acceptable working conditions. Whether used to warm the ambient air or to cure newly poured concrete, these natural gas appliances are very useful.

Two types can be found on the market: direct heating appliances (forced air) and radiant types (see illustrations (1) and (2)). Both of these appliances release their combustion products into the same space as that heated. Each appliance has a thermostat to control its operation.



1. Forced air appliance – Flagro, F400T



2. Radiant heat appliance – Flagro, FRHN-100

Advantages

- Much more economical operating costs with natural gas than with propane.
- Propane tanks eliminated: no handling of heavy tanks and related injuries.
- Wide power range for all types of projects.

Applications

All construction worksites.

List of manufacturers

Here is a non-exhaustive list of manufacturers who can inform you about the different models, capacity, and makes of rental appliances. This list may be revised and amended as needed.

- Flagro
- Schwank
- Simplex

Energy Efficiency Financial Assistance

This appliance is not eligible for financial assistance.

Selection criteria

- Wintertime construction (intensity of cold)
- Surface being built (ft² or m²)
- Heating power per unit of surface being built (btu/hr/ft² or btu/hr/m²)
- Curing/no curing of concrete
- Ventilation to be maintained

Installation standards

- Minimum ventilation needed to allow combustion products to be vented.
- Not recommended for use in places where there are chlorine products, solvents or explosives.
- The flame must be safely oriented.

.....

These data are provided for guidance only. This Information Sheet is for general use and must not be considered advice. Please ask for assistance on the questions that concern you and do not rely only on the text in this Information Sheet.

Last updated December 3, 2010.
MKTG_06-2019_8782 Colpron