

## IMPORTANT

Before using the heater, read and understand all instructions and follow them carefully. The manufacturer is not responsible for damages to goods or persons due to improper use of units.

## GENERAL RECOMMENDATIONS

The heater is designed and approved for use as a construction heater in accordance with Standard ANSI Z83.7 - CGA 2.14. Intended use is the temporary heating of buildings or structures under construction, alteration or repair.

## WARNING

**⚠ CHECK WITH YOUR LOCAL FIRE SAFETY AUTHORITY IF YOU HAVE QUESTIONS ABOUT APPLICATIONS.**

Here are a few general guidelines which should be followed:

- Follow the instructions in this booklet very carefully.
- Don't install the heater in places where there may be a risk of fire or explosion.
- Inflammable material should be kept at a safe distance from the heater (Minimum 6 feet).

- All fire prevention regulations must be adhered to.
- The room or building which is being heated must be sufficiently ventilated so that the heater has enough air to function properly.
- The heater must be near a chimney or chimney flue and a suitable electric switchboard.
- Don't let animals or children near the heater.
- Make sure heater is inspected before each use, and at least annually by a qualified service person.
- After use make sure the disconnecting switch is off. When using any type of space heater it is obligatory: not to exceed the maximum level of heat output of the furnace ("TECHNICAL SPECIFICATIONS TABLE").
- To make sure that there is adequate air circulation and air supply to the heater and that nothing is obstructing the aspiration and expulsion of air; movement of air may be obstructed in various ways including placing covers or other objects on the heater or positioning the heater too near a wall or other large object. If the airflow is not adequate, the combustion chamber will overheat and the overheat safety thermostat L1 will turn the burner off and on continuously ("TROUBLESHOOTING").

<b>TECHNICAL SPECIFICATIONS</b>		<b>4000ID</b>	<b>4000ID</b>	<b>7000ID</b>	<b>HD7000ID</b>
Heat input	[kBTU/h]	400	400	700	700
Air flow	[cfm]	4.240	4.240	7.420	7.420
Heat output	[kBTU/h]	340	340	595	595
Oil N°2 Max fuel consumption	[LBH]	20.4	20.4	35.8	35.8
Natural gas fuel consumption	[CFH]	391.4	391.4	684.9	684.9
Propane fuel consumption	[CFH]	157.0	157.0	274.7	274.7
Power supply	Phase	1	1	1	1
	Voltage	[V]	120	220	220
	Frequency	[Hz]	60	60	60
Electric consumption	[W]	1.240	1.760	2.120	2.300
	[A]	13.5	14.5/5.8	7.0	14.8
Diesel burner model		Riello 40 F10		Riello 40 F15	
Nozzle	[USgall1]	2.25 GPH 600 B	2.25 GPH 60' B	3.50 GPH 60' B	3.50 GPH 60' B
Gas burner model (natural gas or propane)		Riello 40 G400		Riello 40 G750	
Gas supply pressure: natural gas		min 4" w.c. max 10" w.c.		min 7" w.c. max 14" w.c.	
Gas supply pressure: propane		min 8" w.c. max 13" w.c.		min 8" w.c. max 14" w.c.	
Static pressure	[InWC]	0.4	0.8	0.4	0.8
Flue diameter	[In]	5.9	5.9	7.9	7.9
Compulsory flue draft	[InWC]	0.05	0.05	0.05	0.05
Maximum air temperature	°F	250.0	250.0	250.0	250.0
Dimensions. L x W x H	[In]	72x31x43	82x31x43	85x35x53	101x35x53
Weight	[lb]	353	364	550	562 832 (HD Version)