

FUEL TYPE



IMA 150 AXIAL

IMA 111 AXIAL

IMA 61 AXIAL

IMA 200 RADIAL

IMA 150 RADIAL

IMA 111 RADIAL

IMA 61 RADIAL



Tigerloop standard.



"Easy connect" recirculation flange.



Transport frame.



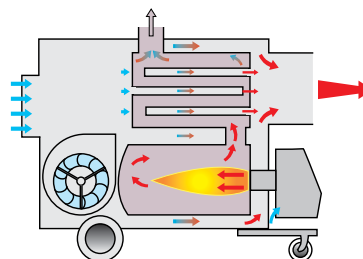
Forklift slots IMA 150.



VFD Fan Speed Controller IMA 111/150/200 Radial HP (factory optional).

WORKING PRINCIPLE

- 100% Clean and dry heat.
- Outlet temperature ΔT 40-60 °C depending on model.*
- Large heat throw.
- Lower tray for oil containment during servicing.
- High efficiency heat exchanger (92%).
- Combustion chamber heat resistant up to 850 °C.
- HP Radial fan for powerful heat distribution.



FEATURES

- Transport frame available on request.
- With overheating protection and temperature limitation of warm air.
- The fan stops at temperatures below 40 °C and does not ventilate cold air when starting up. (Constant ventilation is possible with an extra switch position).
- Fully automatic, controllable with thermostat connection.
- Tigerloop standard, fuel filter with condensate separator.
- Intercal industrial burner with flowcontrol.
- As alternative available with a Riello oil- or gas burner.
- Can be used in combination with Multitanks or other fuel tanks.
- Protection bars all around, big wheels.
- High capacity, easily transportable, compact.
- Burner with rain cover and lower tray for oil containment during servicing.
- Room ventilation is required, fresh air connection available.
- IMA 61/111 can pass through a door width of 80 cm.
- IMA 111/150/200 models are equipped with forklift slots.
- Available in 3 fan types:
 - Axial: Up to 130 Pa pressure build-up (to be used without or with single hoses with few curves).
 - Radial: 230 V High pressure fan 300 Pa.
 - Radial HP: 400 V High pressure fan for extra high pressure (500 Pa) and air flow. Radial fans are essential for heat distribution with hoses.



APPLICATIONS

- Building industry**
 - Heating and drying of building sites and all-weather projects.
 - Drying of buildings after flooding.
- Industry**
 - Heating of transit sheds and workshops.
- Marquees heating**
 - IMA models are especially suited for heating marquees, showrooms and sports halls.
- Agriculture**
 - Heating of sheds and storage areas.
 - Drying of agricultural products.
 - Storing bulbs without the risk of harmful ethylene emission.
- Horticulture**
 - Heating of greenhouses and polytunnels without the risk of harmful CO₂ and CO emission.

TECHNICAL SPECIFICATIONS | DIMENSIONS AND WEIGHTS

1 kW = 860 kcal/h 1 kW = 3,413 Btu/h 1 kW = 3.6 MJ/h 1 kg = 1.2 l/h

MODEL	Heat output (Btu/hr)		Heat output (kW)		Fuel consumption oil max. (l/hr)	Heated air flow (m ³ /hr)	Max. ventilator back pressure (Pa)	Power consumption	Outlet cone Ø (mm)	Flue connection Ø (mm)	Thermostat connection	ITEM NUMBER
IMA 61 AX	222,000	65	6.5	4000	130	3.3/230 V	400	180	Yes	41.722.800		
IMA 61 R	222,000	65	6.5	4000	250	6.5/230 V	400	180	Yes	41.722.300		
IMA 111 AX	375,000	110	10.9	5800	130	4.4/230 V	500	200	Yes	41.724.800		
IMA 111 R	375,000	110	10.9	8000	300	9.2/230 V	500	200	Yes	41.724.207		
IMA 111 RHP	375,000	110	10.9	10000	500	7.5/400 V	500	200	Yes	41.724.210		
IMA 150 AX	512,000	150	14.8	7400	100	5.7/230 V	500	200	Yes	41.726.800		
IMA 150 R	512,000	150	14.8	9000	300	15/230 V	500	200	Yes	41.726.650		
IMA 150 RHP	512,000	150	14.8	11000	500	9/400 V	500	200	Yes	41.726.000		
IMA 200 R	682,000	200	19.4	10000	300	15/230 V	600	200	Yes	41.728.650		
IMA 200 RHP	682,000	200	19.4	13000	500	10/400 V	600	200	Yes	41.728.010		

MODEL	Dimensions heater only (cm)							Dimensions including packing (cm)			
	A	B	C	D	E	F	KG	L	B	H	KG
IMA 61 AX	-	-	-	162	71	128	205	203	75	145	230
IMA 61 R	-	-	-	199	71	128	230	203	75	145	250
IMA 111 AX	-	-	-	179	78	134	278	180	80	145	340
IMA 111 R	-	-	-	223	78	134	330	240	100	172	430
IMA 111 RHP	-	-	-	223	78	134	340	240	100	172	440
IMA 150 AX	-	-	-	200	84	151	332	205	95	172	430
IMA 150 R	-	-	-	246	84	151	385	265	95	172	580
IMA 150 RHP	-	-	-	246	84	151	385	265	95	172	580
IMA 200 R	-	-	-	271	91	152	425	300	104	172	625
IMA 200 RHP	-	-	-	271	91	152	425	300	104	172	625

