



ITA 75 ROBUST

ITA 45 ROBUST

ITA 75

ITA 45

ITA 30/35



Air wheels (option).



Heat exchanger ITA 35.



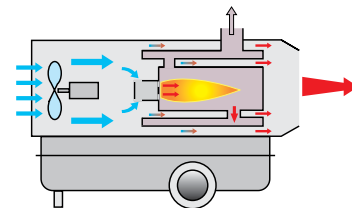
Burner chamber/heat exchanger (ITA 45/75) Thermobile achieves optimum coverage with the unique combination of stainless steel and high-temperature proof steel for the burner chamber and heat exchanger.



ITA 45/75 Robust lifting bracket optional.

## WORKING PRINCIPLE

- 100% Clean and dry heat.
- Outlet temperature  $\Delta T$  approx. 50 °C (At 0 Pa back pressure.).
- Combustion chamber heat resistant up to 850 °C.
- 1-Way pipe system prevents fuel disturbance.
- High efficiency heat exchanger (91%).



## FEATURES

- Durable phosphated body panels with powder coating.
- Clean heat due to gas flue connection, heat distribution is possible by means of hoses and highly mobile with fuel tank.
- High pressure pump for diesel or paraffin.
- Tank for 16 hours burning duration, 20-50% more than competitors.
- With burner relay, photocell flame control, overheat protection and thermostat connection.
- High pressure pump with 1-way pipe system. Conversion kit to 2-way pipe system available for connection to bulk tank (max. length 50 m/height 3 m, depends on diameter of pipe).
- Room ventilation is required.
- ITA 30/35 TH, ITA 45 TH and the ITA 75 TH are standard equipped with tank heating.
- ITA 35 has compared to the ITA 30 a higher air output and an outlet temperature which allows a standard hose with a temperature resistance of -30/+100 °C to be connected.
- ITA 45/75 Chimney clamp for easy transport (optional). See photo page 41.
- ITA 45/75 Robust is robust with ball bearing large wheels, forklift slots, tank level meter and bumper around, lifting bracket set optionally available (see page 38).



## APPLICATIONS

### Building industry

- Heating and drying of building locations and all-weather projects.
- Drying of buildings after flooding.

### Industry

- Heating of transit sheds, workshops and warehouses.

### Marquees heating

- Especially suited for heating marquees, showrooms and sports halls.

### Agriculture

- Heating stables, sheds and workshops.
- Drying of agricultural products.
- Storing flower bulbs without risk of harmful ethylene emission.

### Horticulture

- Heating of greenhouses and polytunnels without risk of harmful CO<sub>2</sub> and CO emission.
- Heating sorting areas.

### Motor trade

- Heating workshops, body preparation areas and spray booths.

## 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 <sup>3</sup> /hr)	Max. ventilator back pressure (Pa)	Tank capacity (l)	Power consumption 230 V (AMPS)	Outlet cone Ø (mm)	Flue connection Ø (mm)	Thermostat connection	ITEM NUMBER
ITA 30	85,000	24.8	2.4	1,100	100	40	1.2	300	150	Yes	41.300.000
ITA 30 TH*	85,000	24.8	2.4	1,100	100	40	1.2	300	150	Yes	41.300.600
ITA 35	85,000	24.8	2.4	1,500	150	40	1.3	300	150	Yes	41.350.000
ITA 35 TH*	85,000	24.8	2.4	1,500	150	40	1.3	300	150	Yes	41.350.600
ITA 45	154,000	45.1	4.5	3,000	200	80	3.3	400	150	Yes	41.404.000
ITA 45 Robust	154,000	45.1	4.5	3,000	200	80	3.3	400	150	Yes	41.451.000
ITA 45 TH*	154,000	45.1	4.5	3,000	200	80	3.3	400	150	Yes	41.404.600
ITA 75	239,000	70.0	7.0	3,800	200	120	4.0	400	180	Yes	41.750.000
ITA 75 Robust	239,000	70.0	7.0	3,800	200	120	4.0	400	180	Yes	41.751.200
ITA 75 TH*	239,000	70.0	7.0	3,800	200	120	4.0	400	180	Yes	41.750.600
ITAS 45/75	(without tank) available on demand										

\* with tank heating

	Dimensions heater only (cm)						KG	Dimensions including packing (cm)			
	A	B	C	D	E	F		L	B	H	KG
ITA 30/35 / ITA 35 TH	120	-	-	125	49	69	58	129	52	85	76
ITA 45 / ITA 45 TH	150	-	-	163	62	90	105	173	68	105	130
ITA 45 Robust	148	-	-	168	69	94	120	186	69	121	145
ITA 75 / ITA 75 TH	170	-	-	201	65	98	131	186	69	121	158
ITA 75 Robust	162	-	-	192	69	117	143	200	74	142	175

