ITA

THERMOBILE®

PRODUCT SPECIFICATIONS

ITA 35 L

ITA 35 RLS

ITA 50 L Polar

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 ITA	35 L	35 RL	35 RLS	45 L	50 L	50 L Polar	45 RL	75 L	80 L	80 L Polar
Item number	**41.350.650**	**41.352.200**	**41.352.105**	**41.452.035**	**41.452.050**	**41.452.020**	**41.452.350**	**41.751.300**	**41.752.030**	**41.752.020**
Fuel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Tank capacity (l)	40			80	80	80		120	120	120
Tank level indicator				*	*	*		*	*	*
Heat output (kW)	24,8	24,8	24,8	45,1	45,1	45,1	45,1	70	70	70
Fuel consumption max. (l/hr)	2,4	2,4	2,4	4,5	4,5	4,5	4,5	7	7	7
Efficiency (%)	91	91	91	91	91	91	91	91	91	91
Heated air flow (m³/hr)	1.500	1.500	1.500	3.000	3.000	3.000	3.000	3.800	3.800	3.800
Max. ventilator back pressure (Pa)	150	150	150	200	200	200	200	200	200	200
Power supply (V)	230	230	230	230	230	230	230	230	230	230
POWER CONSUMPTION (AMPS)	1,3	1,3	1,3	3,3	3,3	3,3	3,3	4	4	4
Outlet cone Ø (mm)	300	300	400	400	500	500	400	400	500	500
Flue connection Ø (mm)	150	150	150	150	150	150	150	180	180	180
Thermostat connection	*	*	*	*	*	*	*	*	*	*
CO monitor connection			*		*	*			*	*
Tank heating	*			*	*	*		*	*	*
Forklift slots			*							
Dim. heater only LxWxH (cm)	125x49x69	124x58x62	130x50x63	163x62x90	168x69x98	168x69x98	158x69x69	201x65x98	201x65x98	201x65x98
Dim. incl. packing LxWxH (cm)	129x52x85	129x67x82	130x67x82	173x68x105	173x69x105	173x69x105	173x69x85	186x69x121	200x74x128	200x74x128
Weight (kg)	58	48	69	105	123	123	95	131	143	143
Weight incl. packing (kg)	76	75	83	130	145	145	117	158	175	175

FEATURES

MODEL ITA	35 L	35 RL	35 RLS	45 L	50 L	50 L Polar	45 RL	75 L	80 L	80 L Polar	Item number
FLUE STACKS											
Galvanized pipe 1 m, Ø 150 mm	*	Inclusive	Inclusive	*	Inclusive	Inclusive	*				**41.000.562**
Galvanized pipe 1 m, Ø 180 mm								*	Inclusive	Inclusive	**41.522.172**
Galvanized rain cap, Ø 150 mm	*	Inclusive	Inclusive	*	Inclusive	Inclusive	*				**41.000.565**
Galvanized rain cap, Ø 180 mm								*	Inclusive	Inclusive	**41.522.175**
Galvanized bend 45°, Ø 150 mm	*	*	*	*	*	*	*				**41.000.561**
Galvanized bend 45°, Ø 180 mm								*	*	*	**41.522.171**
Chimney clamp set (only without optional lifting bracket Robust)	*	Inclusive	Inclusive	*	Inclusive	Inclusive	*				**41.404.099**
Chimney clamp set (only without optional lifting bracket Robust)								*	Inclusive	Inclusive	**41.750.099**
THERMOSTATS											
RT1, room thermostat -10/+40 °C with 5 m cable and plug, IP 54, switching differential ± 2 degrees.	*			*			*	*			**40.228.405**
RT2, as RT1, with 10 m cable IP 54.	*	Inclusive	Inclusive	*	Inclusive	Inclusive	*	*	Inclusive	Inclusive	**40.228.410**
RT3, as RT1, with 20 m cable IP 54.	*			*			*	*			**40.228.420**
CO monitor			*		*	*			*	*	**41.352.171**
DA1, dual connection for thermostat. For control of 2 heaters on 1 thermostat.	*	*	*	*	*	*	*	*	*	*	**41.729.220**
Extension cable 10 m for thermostat, with plug.	*	*	*	*	*	*	*	*	*	*	**40.202.140**
Fault detector GSM room temperature monitoring, no connections needed. Regardless of the type of heater.	*	*	*	*	*	*	*	*	*	*	**40.223.400**

PRODUCT SPECIFICATIONS

MODEL ITA		35 L	35 RL	35 RLS	45 L	50 L (Polar)	45 RL	75 L	80 L (Polar)	Item number
WARM AIR TRANSPORT AND ANCILLARIES	Ø (mm)									
DISTRIBUTION HEADS FOR ITA	2x200	*	*							**41.300.125**
To be connected to outlet cone of heater including 1 quick release clamp and 2 hose clips	2x300				*		*	*		**41.404.153**
Air distributor	400	*	*	*	*		*	*		**50.500.450**
Air distributor	500					*			*	**50.500.500**
Reduction piece 300 to 400 mm for air distributor		*	*		v		v	v		**50.500.475**
CONNECTION PIECES FOR ITA										
To be connected to outlet cone of heater to protect hose from too high temperatures incl. 2 quick release clamps.	300	*	*							**99.084.041**
	400			*	*		*	*		**41.404.152**
WARM AIR TRANSPORT HOSES										
Temperature resistant -40/+140 °C grey, L = 5 m	300	*	*							**40.107.077**
	400			*	*	*	*	*	*	**40.107.079**
Temperature resistant -40/+140 °C grey, L = 5 m	500					*			*	**40.107**
Temperature resistant -30/+100 °C green, L = 6 m	200	v	v							
	300	*	*		v		v	v		**40.107.3**
v = distribution head instead of standard outlet cone	400			*	*		*	*		
On request warm air transport hoses temperature resistant -40/+80 °C and warm air transport hoses in other colours are available.										
CONNECTION PIECE FOR HOSES WITH SLEEVE										
To connect hoses, including 2 hose clips.	300				--- for 300 mm hose ---					**41.218.071**
	400				--- for 400 mm hose ---					**41.404.154**
RUBBER QUICK RELEASE CLAMPS FOR HOSES WITH END RING										
To connect hoses and if desired to fix to the heater flange.	300				--- for 300 mm hose ---					**40.502.067**
	400				--- for 400 mm hose ---					**40.502.069**
STEEL QUICK RELEASE CLAMPS										
Specially suited to fasten hoses to ITA models.	305				-- for 300 mm hose ---					**41.200.051**
	400				--- for 400 mm hose ---					**41.404.117**
GALVANIZED HOSE CLIPS										
To fasten hoses to the heater or connection piece.	60-600				--- for 60 till 600 mm hose ---					**41.522.196**
HOSE CONNECTION BEND 45 DEGREES										
To connect hoses to marquees.	300	*	*		v		v	v		**41.000.300**
	400			*	*		*	*		**41.000.400**
v = distribution head instead of standard outlet cone	500					*			*	**41.000.400**
FUEL ACCESSORIES										
Conversion kit from 1-way to 2-way pipe system, for suction from bulk tank, maximum length 50 m/ height 3 m (depends on diameter of pipe). To be mounted on fuel pump.		*			*	*	*	*	*	**41.402.114**
TRANSPORT										
Set of air wheels										**41.300.053**
Set of air wheels					*	*				**40.404.300**
Set of air wheels								*	*	**40.404.400**

RT1, RT2, RT3

Chimney with rain cap

Chimney clamp

Set of air wheels

Distribution head

Connection piece

Hose connection bend 45 degrees

CO Monitor

Hose grey

Hoses with end ring connected

Connection pieces for hose with sleeve

Various reducing and coupling pieces

Steel quick release clamp

GSM temperature fault detector