

PRODUCT SPECIFICATIONS



ITA 35 L



ITA 35 RLS



ITA 50 L Polar

TECHNICAL SPECIFICATIONS | DIMENSIONS AND WEIGHTS

1 kW = 860 kcal/hr 1 kW = 3,413 Btu/hr 1 kW = 3.6 mJ/hr 1 kg = 1.2 l/hr

MODEL ITA	35 L	35 RL	35 RLS	45 L	45 RL	50 L	50 L Polar	75 L	80 L	80 L Polar
Item number	41.350.650	41.352.200	41.352.105	41.452.035	41.452.350	41.452.050	41.452.020	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 (Btu/hr)	85,000	85,000	85,000	154,000	154,000			239,000		
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	400	500	500	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 L x W x H (mm)	1250 x 490 x 690	1240 x 580 x 620	1300 x 500 x 630	1630 x 620 x 900	1580 x 690 x 690	1680 x 690 x 980	1680 x 690 x 980	2010 x 650 x 980	2010 x 650 x 980	2010 x 650 x 980
Dim. incl. packing L x W x H (mm)	1290 x 520 x 850	1290 x 670 x 820	1300 x 670 x 820	1730 x 680 x 1050	1730 x 690 x 850	1730 x 690 x 1050	1730 x 690 x 1050	1860 x 690 x 1210	2000 x 740 x 1280	2000 x 740 x 1280
Weight (kg)	58	48	69	105	95	123	123	131	143	143
Weight incl. packing (kg)	76	75	83	130	117	145	145	158	175	175

FEATURES

MODEL ITA	35 L	35 RL	35 RLS	45 L	45 RL	50 L (Polar)	75 L	80 L (Polar)	Item number
FLUE STACKS									
Galvanized pipe 1 m, Ø 150 mm	*	Inclusive	Inclusive	*	*	Inclusive			41.000.562
Galvanized pipe 1 m, Ø 180 mm							*	Inclusive	41.522.172
Galvanized rain cap, Ø 150 mm	*	Inclusive	Inclusive	*	*	Inclusive			41.000.565
Galvanized rain cap, Ø 180 mm							*	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			41.404.099
Chimney clamp set (only without optional lifting bracket Robust)							*	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	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

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DISTRIBUTION HEADS FOR ITA		Ø (mm)								
To be connected to outlet cone of heater including 1 quick release clamp and 2 hose clips	2 x 200	*	*							41.300.125
	2 x 300				*	*		*		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 green, L = 5 m	500						*		*	40.107.372
Temperature resistant -30/+100 °C green, L = 6 m	200	V	V							on request
	300	*	*		V	V		V		40.107.380
<i>v = distribution head instead of standard outlet cone</i>	400			*	*	*		*		on request
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 hoses ---				41.218.071
	400				---	for 400 mm hoses ---				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 hoses ---				40.502.067
	400				---	for 400 mm hoses ---				40.502.069
STEEL QUICK RELEASE CLAMPS										
Specially suited to fasten hoses to ITA models	305				---	for 300 mm hoses ---				41.200.051
	400				---	for 400 mm hoses ---				41.404.117
GALVANIZED HOSE CLIPS										
To fasten hoses to the heater or connection piece	60 - 600				---	for 60 till 600 mm hoses ---				41.522.196
HOSE CONNECTION BEND 45 DEGREES										
To connect hoses to marquees	300	*	*		V	V		V		41.000.300
	400			*	*	*		*		41.000.400
<i>v = distribution head instead of standard outlet cone</i>	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



Chimney with rain cap



Chimney clamp



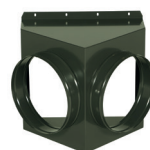
RT1, RT2, RT3



CO Monitor



GSM Temperature monitoring set



Distribution head



Connection piece



Hose grey



Hose with end ring connected



Connection pieces for hose with sleeve



Rubber quick release clamp



Steel quick release clamp



Hose connection bend 45 degrees



Set of air wheels