



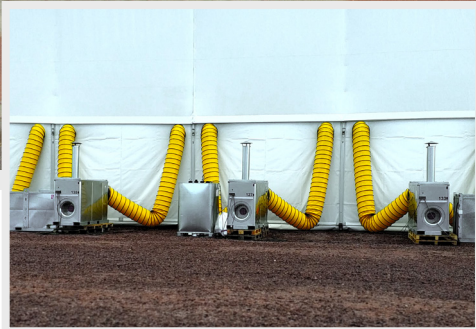
# THERMOBILE

General

mobile and stationary  
climate solutions

# THERMOBILE

mobile climate solutions



For over 50 years, Thermobile Industries BV has specialized itself in the development, production and international sales and marketing of, both mobile and stationary, space heaters. We offer advice, efficient delivery and worldwide service to our customers. Our solution-oriented way of thinking and manufacturing of custom-tailored designs, have resulted in a large portfolio that is continuously being updated with the latest technologies.

Thermobile distinguishes itself through quality, reliability and sustainability of its products. We always try to offer additional value to our customers and support for all heat requests.
















































































































































































Our products are manufactured with great care and they are extensively tested. A permanent quality control system, according to ISO 9001: 2015 is integrated in the production process.

All Thermobile heaters comply with the most stringent European standards. All models carry the mandatory CE marking and are also in accordance with the EAC standard certification.



Member of  the Honing Beheer Group of Companies

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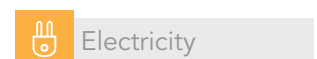
Diesel/heating oil



Propane



Wood pellets



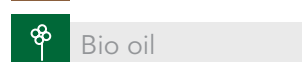
Electricity



Kerosene



Natural gas



Bio oil

# TA | Direct oil fired



## TA-80

### FEATURES

- Equipped with a high pressure pump for diesel or paraffin with a 1-way pipe system. (Conversion to a 2-way pipe system for connection with separate fuel tank available as an option)
- All models are equipped with burner relay, photocell flame control and thermostat connection.

### ADVANTAGES

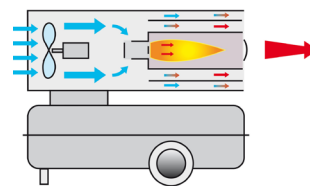
- 100% clean and dry heat without any loss of efficiency (direct fired).
- Large fuel tank for at least 16 hours of operation.
- High outlet temperature of 450°C approximately.
- Durable phosphated body panels with powder coating.
- Because of the double walled construction, the surface of the heater will remain at ambient temperature during operation.

### APPLICATIONS

- Heating of storage facilities and work places.
- Defrosting of pipes and installations.
- Keeping construction sites free from frost.
- Heating of greenhouses and polytunnels (only use paraffin and control CO<sub>2</sub> and CO emission).
- Drying of agricultural produce.

### WORKING PRINCIPLE

Direct diesel fired heater  
(Attention: this product requires area ventilation at all times).



### TECHNICAL SPECIFICATIONS | Accessories page 38 - 45

1 kW = 860 kcal/hr

1 kW = 3.413 Btu/hr

1 kW = 1.2 l/hr

1 kW = 3.6 mJ/hr

TA SERIES	22	30	40	80
Heat output (kW)	25.0	30.0	46.0	93.0
Fuel consumption (l/hr)	2.5	2.7	4.5	9.0
Heated airflow (m <sup>3</sup> /hr)	600	600	1200	2150
Tank capacity (l)	40L	40L	80L	160L
Power consumption (A) 230V	1.0A	1.0A	2.1A	3.6A
Thermostat connection	✓	✓	✓	✓
Tank level indicator			✓	✓
Dimensions (L*W*H) cm	119*48*60	119*48*60	128*54*80	173*63*90
Weight (kg)	31kg	31kg	40kg	69kg
Item number	40.223.000	40.230.000	40.404.100	40.804.100

# TCA | Direct oil fired



## TCA-50

### FEATURES

- Oil tank level meter and pressure gauge delivered as a standard.
- With built-in thermostat and digital temperature display.
- Supplied with air tyres.
- Direct fired heater.

### ADVANTAGES

- Quick increase of temperature.
- Very mobile and reliable functioning.
- 100% efficiency.

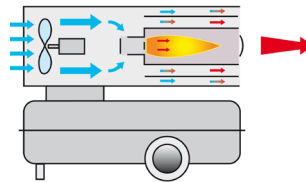
### APPLICATIONS

- Heating of storage facilities and keeping installations free from frost.
- Local heating in porc- and poultryhouses.
- Heating of polytunnels and greenhouses.
- Heating of sheds and storages.
- Drying of agricultural produce.

### WORKING PRINCIPLE

Diesel fired direct heater

(Attention: this product requires area ventilation at all times)



### TECHNICAL SPECIFICATIONS

1 kW = 860 kcal/hr

1 kW = 3.413 Btu/hr

1 kW = 1.2 l/hr

1 kW = 3.6 MJ/hr

TCA SERIES	35	50
Heat output (kW)	35.0	50.0
Capacity (Btu/hr)	120.000	170.000
Fuel consumption (l/hr)	3800	3800
Airflow (m <sup>3</sup> /hr)	120L	120L
Power consumption (A) 230V	4.0A	4.0A
Tank capacity (l)	38	49
Dimensions (L*W*H) cm	94*76*30	106*91*35
Weight (kg)	58kg	105kg
Item number	40.350.100	40.500.100

# TAS | Direct oil fired



## TAS-800

### FEATURES

- Supplied with fresh air intake connection as a standard.
- High pressure pump for diesel and paraffin.
- Outlet temperature between 60°C - 100°C.
- Full humidity and dust proof control panel.
- With burner relay, photocell flame control, thermostat connection and limit thermostat.
- Separate fan for optimization of fresh air supply to the burner.
- Direct heat, 100 efficiency.

### ADVANTAGES

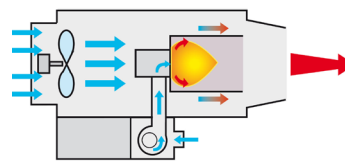
- Easy and quick access for service and maintenance.
- Large air throw.

### APPLICATIONS

- Heating of pig and poultry houses.
- Drying of agricultural produce.
- Heating of greenhouses and polytunnels  
(NB: Only use petroleum and guard CO<sub>2</sub> and CO levels).

### WORKING PRINCIPLE

A direct oil fired heater.  
Attention: this product requires ventilation of the area at all times.



### TECHNICAL SPECIFICATIONS | Accessories page 38 - 45

1 kW = 860 kcal/hr

1 kW = 3.413 Btu/hr

1 kW = 1.2 l/hr

1 kW = 3.6 mJ/hr

TAS SERIES	800 E
Heat output (kW)	95
Fuel consumption oil Max. (l/hr)	9,5
Heated airflow (m <sup>3</sup> /hr)	7000
Power consumption (A) 230V	4,6
Air throw (m)	1/2
Thermostat connection	✓
Dimensions (L*W*H) cm	152*58*85
Weight (kg)	81kg
Item number	40.467.000



## ITA-45 ROBUST

### FEATURES

- Equipped with a high pressure pump for diesel or paraffin with a 1-way pipe system (conversion to a 2-way pipe system for connection with separate fuel tank available).
- Outlet temperature with  $\Delta T$  of about 50°C.
- High efficiency heat exchanger (91% Min).
- The ITA Robust version is supplied with a very robust bumper, large ball bearing wheels, forklift slots and tank heating.

### ADVANTAGES

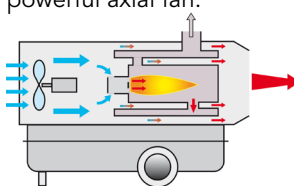
- Durable phosphated body panels with powder coating.
- Maintenance friendly and easy to install and operate.
- Large fuel tank for at least 16 hours of operation.
- Air hoses can be mounted in order to supply heat to specific areas.

### APPLICATIONS

- Storage of flower bulbs without risk of harmful ethylene emission.
- Heating of greenhouses and polytunnels without risk of harmful CO<sub>2</sub> and CO emission.
- Heating of construction sites, tents, showrooms halls, warehouses and workshops.
- Drying of agricultural produce, construction - and renovation projects.

### WORKING PRINCIPLE

Indirect diesel fired heater that produces 100%, clean and dry, warm air by blowing air alongside a heat exchanger with a powerful axial fan.



### TECHNICAL SPECIFICATIONS | Accessories page 38 - 45

1 kW = 860 kcal/hr

1 kW = 3.413 Btu/hr

1 kW = 1.2 l/hr

1 kW = 3.6 MJ/hr

ITA SERIES	35 ST	45 ST	45 ROB	75 ST	75 ROB
Heat output (kW)	24.8	45.1	45.1	70.0	70.0
Fuel consumption (l/hr)	2.4	4.5	4.5	7.0	7.0
Heated airflow (m <sup>3</sup> /hr)	1500	3000	3000	3800	3800
Tank capacity (l)	40L	80L	80L	120L	120L
Power consumption (A) 230V	1.3A	3.3A	3.3A	4.0A	4.0A
Thermostat connection	✓	✓	✓	✓	✓
Tank level indicator		✓	✓	✓	✓
Max. ventilator back pressure (Pa)	150	200	200	200	200
Outlet cone Ø (mm)	300	400	400	400	400
Flue connection Ø (mm)	150	150	150	180	180
Dimensions (L*W*H) cm	125*49*69	163*62*90	168*69*94	201*65*98	192*69*117
Weight (kg)	58kg	105kg	148kg	131kg	165kg
Item number	41.350.000	41.452.100	41.451.000	41.751.300	41.751.200

# IMA | Indirect oil fired with separate external burner



## IMA-111 RADIAL

### FEATURES

- Fully automatic burner control with thermostat connection.
- The combustion chamber is heat resistant up to 850°C.
- Equipped with overheat protection and temperature limitation of warm air.
- Supplied with Intercal industrial burner with flow control. Alternative burners available (Riello oil- or gas burner for instance).
- Outlet temperature  $\Delta T$  of about 47°C.
- The EC fan is equipped with built-in soft starter and phase control as a standard.
- High efficiency heat exchanger (92% Min).

### ADVANTAGES

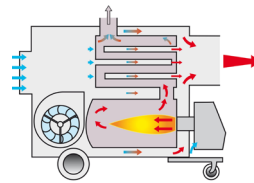
- Maintenance friendly, easy to install and operate.
- Economic thanks to the high efficiency heat exchanger and the possibility of recirculation.
- Can be easily transported.

### APPLICATIONS

- Storage of flower bulbs without risk of harmful ethylene emission.
- Heating of greenhouses and polytunnels without risk of harmful CO<sub>2</sub> and CO emission.
- Heating of construction sites, tents, showrooms halls, warehouses and workshops.
- Drying of agricultural produce, construction - and renovation projects.

### WORKING PRINCIPLE

Indirect diesel fired heater that produces 100%, clean and dry, warm air by blowing air alongside a heat exchanger with a powerful radial fan.



### TECHNICAL SPECIFICATIONS | Accessories page 38 - 45

1 kW = 860 kcal/hr

1 kW = 3.413 Btu/hr

1 kW = 1.2 l/hr

1 kW = 3.6 MJ/hr

IMA SERIES	61 AX	61 RAD	65 EC	111 AX	111 RDD	111 RHP	150 AX	150 RAD	150 RHP	200 RAD	200 RHP
Heat output (kW)	65	65	65	110	110	110	150	150	150	200	200
Fuel consumption (l/hr)	6.5	6.5	6.5	10.9	10.9	10.9	14.8	14.8	14.8	19.4	19.4
Heated airflow (m <sup>3</sup> /hr)	4000	4000	4400	5800	8000	10.000	7400	9000	11.000	10.000	13.000
Power consumption (A)	3.3A/230V	6.5A/230V	5.5A/230V	4.4A/230V	15A/230V	7.5A/400V	5.7A/230V	15A/230V	9A/400V	15A/230V	10A/400V
Thermostat connection	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Max. ventilator back pressure (Pa)	130	250	500	130	300	500	100	300	500	300	500
Outlet cone Ø (mm)	400	400	500	500	500	500	500	500	500	600	600
Flue connection Ø (mm)	180	180	180	200	200	200	200	200	200	200	200
Dimensions (L*W*H) cm	162*71*128	199*71*128	179*71*128	179*78*134	223*78*134	223*78*134	200*84*151	246*84*151	246*84*151	271*91*152	271*91*152
Weight (kg)	210kg	245kg	235kg	295kg	350kg	340kg	324kg	385kg	385kg	450kg	450kg
Item number	41.722.800	41.722.300	41.722.850	41.724.800	41.724.710	41.724.210	41.726.800	41.726.650	41.726.000	41.728.650	41.728.010

# IMAC | Oil fired with flue connection containerized



## IMAC-4000

### FEATURES

- Equipped with overheat protection, phase control and temperature limitation of warm air.
- Units with EC ventilator and IMAC-4000 are equipped with soft starter.
- Automatic burner control with thermostat connection.
- Supplied with Intercal industrial burner with flow control. Alternative burner available (Riello oil- or gas burner for instance).
- High efficiency heat exchanger (92% Min).
- Outlet temperature  $\Delta T$  of about 47°C.
- Stainless steel bodywork.

### ADVANTAGES

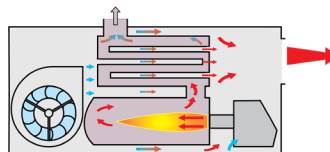
- Easily transportable with box girders and forklift slots.
- Protection against non-professional operation because of the lockable central control box and burner area.
- Maintenance friendly, easy to install and to operate.
- Economic thanks to the high efficiency heat exchanger and the possibility of recirculation.
- Logistic and storage advantages because of its very robust stackable construction.

### APPLICATIONS

- Storage of flower bulbs without risk of harmful ethylene emission.
- Heating of greenhouses and polytunnels without risk of harmful CO<sub>2</sub> and CO emission.
- Heating of construction sites, tents, showrooms halls, warehouses and workshops.
- Drying of agricultural produce, construction - and renovation projects.

### WORKING PRINCIPLE

Indirect diesel fired heater that produces 100% clean and dry, warm air by blowing air alongside a high efficiency heat exchanger with a powerful radial fan.



### TECHNICAL SPECIFICATIONS | Accessories page 38 - 45

1 kW = 860 kcal/hr

1 kW = 3.413 Btu/hr

1 kW = 1.2 l/hr

1 kW = 3.6 MJ/hr

IMAC SERIES	1200 EC	1500 EC	2000 EC	2000 S	2000 EC 2T	2200 EC 2T	3000 EC 2T	4000 E	4000 E	4000 E
Heat output (kW)	120	145	200	200	140/200	140/220	230/295	261/383	261/383	261/383
Fuel consumption (l/hr)	11.4	13.6	20	20	13.9/20	13.9/20.5	21.5/27	26/38	26/38	26/38
Heated airflow (m <sup>3</sup> /hr)	8500	10.000	12.000	12.000	9/12.000	9/12.000	13/17.450	18/24.000	18/24.000	18/24.000
Power consumption (A)	3.5A	6A	6A	7.5A	4/6A	4/6A	8.2/5.4	9/20/20.3A	9/20/20.3A	9/20/20.3A
Thermostat connection	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Max. ventilator back pressure (Pa)	500	600	600	600	350/600	350/550	750	400/1000/700	400/1000/700	400/1000/700
Outlet cone Ø (mm)	500	500	600	600	600	600	2x600	3x500	2x600	800
Flue connection Ø (mm)	200	200	200	200	200	200	300	300	300	300
Dimensions (L*W*H) cm	220*80*135	220*80*135	240*80*135	240*80*135	240*80*135	240*80*135	298*100*165	385*120*201	385*120*201	385*120*201
Weight (kg)	467kg	467kg	545kg	545kg	550kg	550kg	800kg	1300kg	1300kg	1300kg
Item number	41.727.000	41.727.000	41.732.000	41.729.600	41.732.010	41.732.020	41.735.000	41.740.500	41.740.600	41.740.800

# BOILER | High capacity boiler (500kW)



## FEATURES

- 655 litre watertank for stable operation.
- Able to accept different fuel types (Diesel, HVO and GTL)
- Protected double heating circuit.
- Built on a sturdy galvanised frame and protected by a robust construction.
- Small footprint of 4.5m<sup>2</sup>

## ADVANTAGES

- Easily transportable with box girders and forklift slots.
- Compact boiler with a large watertank to improve efficiency.
- Easy to operate and service.
- Optional input for extra operation programs.

## APPLICATIONS

## WORKING PRINCIPLE

Indirect diesel fired heater that heats up water contained within the boiler.

## TECHNICAL SPECIFICATIONS

1 kW = 860 kcal/hr

1 kW = 3.413 Btu/hr

1 kW = 1.2 l/hr

1 kW = 3.6 MJ/hr

BOILER	500kW
Max temperature (°C)	95
Min. allowed returntemperature (°C)	50
Tank capacity (l)	655
Net. capacity min. (kW)	426
Net capacity max. (kW)	488
Efficiency Net. min. (kW)	95,2%
Efficiency Net. max. (kW)	95,5%
Connection water (Inch)	2
Fuel consumption max. l/hr	43,3
Power consumption (A)	3.6
Power connection	V / ph / Hz 400 / 3 / 50Hz
Weight (kg)	± 3000
Dimensions L*W*H (cm)	370 * 120 * 231
Item number	19.000.500

# FANCOILS | Fancoils for boilers



## FEATURES

- Equipped with a powerful fan with infinitely variable speed controller.
- Automatic control by means of built-in thermostat.
- Built-in in robust frame.
- Eenvoudig verplaatsbaar, voorzien van wielen.

## APPLICATIONS

- For local heating and cooling.
- For building sites and events.

## ADVANTAGES

Specific heat demand control.

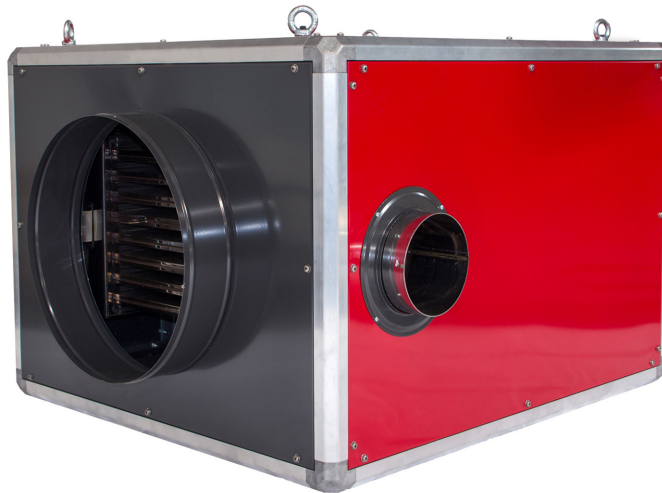
## WORKING PRINCIPLE

Contains a fan which draws the air in a space into the unit then blows it over a cooling or heating coil. The air comes out of the FCU either cooler or hotter than before.

## TECHNICAL SPECIFICATIONS

FANCOIL SERIES	TYPE 13		TYPE 23		TYPE 43	
	Heating	Cooling	Heating	Cooling	Heating	Cooling
Airflow (m <sup>3</sup> /hr)	1240	797	2350	1467	5400	1958
Output (kW)	13,1	2,8	23,9	5,1	53,9	8,0
Medium ΔT (oC)	10	5	10	5	10	5
Noise level	66	48	69	57	72	56
Power consumption (A)	0,57		0,96		2,42	
Power connection	230V - 1F - 50Hz		230V - 1F - 50Hz		230V - 1F - 50Hz	
Connections water (Inch)	3/4		3/4		3/4	
Weight (kg)	35		45		65	
Dimensions L*W*H (cm)	80 * 60 * 60		90 * 60 * 70		110 * 60 * 90	
Item number	19.001.015		19.001.025		19.001.050	

# ISA | Oil fired with flue connection



## ISA-65

### FEATURES

- Durable phosphated body panels with powder-coating.
- Automatic burner control with thermostat-connection.
- Hanging model, supplied with suspension eyes.
- Equipped with overheat-protection and temperature limitation of warm air.
- Supplied with Intercal industrial burner with flow control. Alternative burner available (Riello oil- or gas burner for instance).
- High efficiency heat exchanger (92°C)
- Outlet temperature of delta  $\Delta T$  35°C

### APPLICATIONS

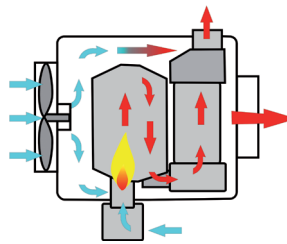
- Heating of greenhouses and polytunnels without risk of harmful CO<sub>2</sub> and CO.
- Heating and keeping free from frost of sheds, warehouses and stables.

### ADVANTAGES

- Economic thanks to the high efficiency heat exchanger.
- 100% clean and dry heat.
- Operation with thermostat.

### WORKING PRINCIPLE

Indirect diesel-fired heater that produces 100% clean and dry warm air by blowing air alongside a high efficiency heat exchanger with a powerful axial fan.



### TECHNICAL SPECIFICATIONS | Accessories page 38 - 45

1 kW = 860 kcal/hr

1 kW = 3.413 Btu/hr

1 kW = 1.2 l/hr

1 kW = 3.6 MJ/hr

ISA SERIES	65-ax
Heat output (kW)	65
Fuel consumption oil Max. (l/hr)	6,3
Heated airflow (m <sup>3</sup> /hr)	5500
Max. ventilator back pressure (Pa)	200
Thermostat connection	✓
Power consumption (A)	4/230V
Outlet cone Ø (mm)	500
Flue connection Ø (mm)	180
Dimensions (L*W*H) cm	140*134*81
Weight (kg)	195kg
Item number	41.526.100



## VAL-6 1-STEP

### FEATURES

- Equipped with photocell flame control for safe use.
- Possibility of thermostat operation.
- Stable set of wheels

### ADVANTAGES

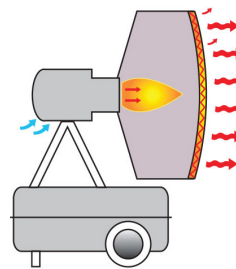
- The most important reason to purchase infrared heaters is because they produce radiation heat and, as a result, do not produce an airflow. Absence of an airflow is a big advantage for various projects in construction.
- This infrared-heater is used to heat up a specific area through its radiation. The heater has a remarkably high efficiency of 100% because all the fuel is transformed into heat.
- Because of the absence of an airflow, the radiation heater is silent.

### APPLICATIONS

- Heating and defrosting machines and construction material.
- Local supply of heat to workshops, storage facilities, work areas and warehouses.

### WORKING PRINCIPLE

Radiation heat without airflow through a ceramic shield.



### TECHNICAL SPECIFICATIONS

1 kW = 860 kcal/hr

1 kW = 3.413 Btu/hr

1 kW = 1.2 l/hr

1 kW = 3.6 MJ/hr

VAL SERIES	6 1-STEP	6 EPX	6 KB	MIDI
Heat output (kW)	40	40	40	33
Fuel consumption (l/hr)	3.7	3.7	3.7	3.1
Tank capacity (l)	40L	58L	60L	35L
Power consumption (A) 230V	0.25A	0.25A	0.25A	0.25A
Dimensions (L*W*H) cm	120*62*93	124*65*97	91*69*91	71*66*81
Weight (kg)	53kg	50kg	57kg	38kg
Item number	40.106.200	40.106.400	40.106.100	40.106.050

# IMAC | Pellet fired heater with flue connection, containerized



Pellet storage supply and storage unit that can be connected with two heaters.

## IMAC-2000 pellet

### FEATURES

- An ash-container can be mounted for storage of ashes.
- The combustion chamber is heat resistant up to 850°C.
- Automatic burner control with thermostat connection.
- Pelltech pellet-burner with automatic pellet-feeding.
- Equipped with overheat protection, phase control and temperature limitation of warm air.
- Outlet temperature delta  $\Delta T$  of about 47°C.
- High efficiency heat exchanger (92% Min).
- Supplied with flue gas fan as a standard.
- Supplied with auger for automatic disposal of ashes to ash-container.
- Supplied with EC fan as a standard.
- Stainless steel bodywork.

### APPLICATIONS

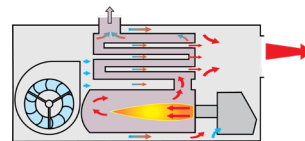
- CO<sub>2</sub> neutral crop-drying.
- Heating of constructions sites, halls and warehouses.
- Heating of construction- and renovation projects.

### ADVANTAGES

- Possibility of remote control and monitoring of the burner.
- Green/CO<sub>2</sub> neutral alternative for standard fossil fuels.
- Easily transportable with box girders and forklift slots.
- Protected against non-professional operation because of the lockable central control box and burner area.
- Logistic and storage advantages because of its robust stackable construction.
- Most of the ashes are removed automatically from the combustion chamber.

### WORKING PRINCIPLE

Indirect pellet fired heater that produces 100% clean and dry, warm air by blowing air alongside a high efficiency heat exchanger with a powerful radial fan.



## TECHNICAL SPECIFICATIONS | Accessories page 38 - 45

1 kW = 860 kcal/hr

1 kW = 3.413 Btu/hr

1 kW = 1.2 l/hr

1 kW = 3.6 MJ/hr

IMAC PELLETS SERIES	2000 P
Heat output (kW)	150
Fuel consumption pellets Max. (kg/hr)	27
Heated airflow (m <sup>3</sup> /hr)	12.500
Power consumption (A) 400V	6,5
Thermostat connection	✓
Max. ventilator back pressure (Pa)	600
Outlet cone Ø (mm)	1x500
Flue connection Ø (mm)	200
Dimensions (L*W*H) cm	216*80*134
Weight (kg)	550kg
Item number	41.731.000

# BIO ENERGY | Bio oil fired with flue connection



## BIO ENERGY-1

### FEATURES

- Overheat security thermostat, automatic security built in.
- Supplied with a axial fan (radial as an option)
- Odourless combustion of non-fossil fuels (100% biodiesel or other types)
- Models with several capacities available (27,41,59 kW maximum)
- High/Low capacity adjustment.
- Built-in tank of 50 ltr.
- Manual ignition.

### APPLICATIONS

Heating of warehouses and contractors workshops and other spaces.



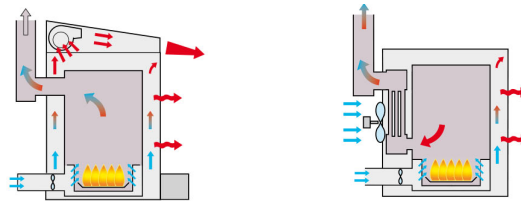
## BIO ENERGY-2

### ADVANTAGES

- Options available for increased efficiency of heat distribution: flue-booster and ducting set.
- Environment friendly heating of spaces.
- Quick and good distribution of warm air.
- Several non-fossil fuels can be used.

### WORKING PRINCIPLE

A fuel pump supplies fuel to a burner-dish inside the combustion chamber; flue gasses are discharged of outside through a chimney, it is a closed system. The heat produced by the burning chamber is blown inside the space by means of a powerful fan.



## TECHNICAL SPECIFICATIONS | Accessories page 38 - 45

1 kW = 860 kcal/hr

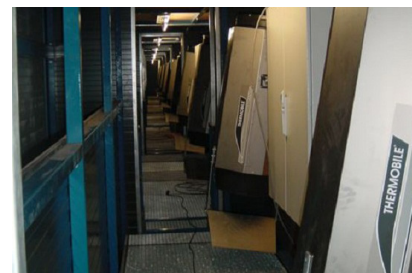
1 kW = 3.413 Btu/hr

1 kW = 1.2 l/hr

1 kW = 3.6 mJ/hr

BIO ENERGY SERIES	B	1	2	3
Heat output min. (kW)	20	20	24	36
Heat output max. (kW)	27	27	41	59
Fuel consumption oil min. (l/hr)	2	2	3	4,3
Fuel consumption oil max. (l/hr)	2,7	2,7	4,0	6,2
Heated airflow (m <sup>3</sup> /hr)	800	800	3000	3000
Power consumption 230V (AMPS)	0,6A	0,8A	1,1A	1,2A
Tank capacity (l)	50L	50L	55L	55L
Flue connection Ø (mm)	150	150	150	200
Dimensions (L*W*H) cm	54*73*113	54*87*137	82*88*108	82*88*129
Weight (kg)	78kg	95kg	168kg	175kg
Item number	41.905.500	41.906.150	41.921.150	41.911.150

# AGA-E | Direct propane/natural gas fired



## AGA-111 E

### FEATURES

- Supplied with fresh air intake connection as a standard.
- Outlet temperature between 100°C - 130°C.
- Full humidity and dust proof control panel.
- Burner with electronic ignition, ionization protection and thermostat connection.
- Separate fan for optimization of fresh air supply to the burner. (except 100E)
- Direct heat, 100% efficiency.

### ADVANTAGES

- All models can function both horizontally and vertically.
- Easy and quick access for service and maintenance.
- Large air throw.

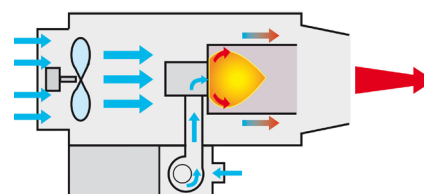
### APPLICATIONS

- Heating of pig and poultry houses.
- Drying of agricultural produce.
- Heating of greenhouses and polytunnels (NB: guard CO<sub>2</sub> en CO levels).

### WORKING PRINCIPLE

A direct gas-fired heater.

Attention: this product requires ventilation of the area at all times. Installation by qualified personnel only.



### TECHNICAL SPECIFICATIONS | Accessories page 38 - 45

1 kW = 860 kcal/hr

1 kW = 3.413 Btu/hr

1 kW = 1.2 l/hr

1 kW = 3.6 MJ/hr

AGA E SERIES	45 E	75 E	100 E	102 E	111 E
Heat output Max. (kW)	45	75	105	105	105
Gas consumption Max. (m <sup>3</sup> /hr), Gas 25	5,0	8,3	11,2	6,0 - 13,9	11,2
Gas consumption Max. (m <sup>3</sup> /hr), Gas 20	4,0	7,1	9,1	4,3 - 11,2	9,0
Gas consumption Max. (kg/hr), Propane	3,2	5,4	7,5	-	7,5
Heated airflow (m <sup>3</sup> /hr)	2500	4500	7000	7000	7000
Power consumption (A) 230V	1,0A	1,9A	4,8A	5,5A	5,3
Air throw (m)	15	25	40	40	40
Gas connection Ø (inch)	1/2	1/2	1/2	1/2	1/2
Thermostat connection	✓	✓	✓	✓	✓
Dimensions (L*W*H) cm	106*68*40	110*81*52	138*60*85	138*70*85	138*57*85
Weight (kg)	37kg	52kg	70kg	86kg	84kg
Item number	40.745.200	40.775.200	40.720.070	40.722.100	40.731.050

# ITLS-80 | Indirect gas fired heater



## ITLS-80

### FEATURES

- Stainless steel casing with suspension eyes and adjustable louvres for air outlet.
- Suitable for gas G25, G20 and G31.
- Large air throw of 45 meters.
- Fresh air supply for the burner.
- Robust tubular heat exchanger.
- Modulating burner control.
- Low noise level.

### ADVANTAGES

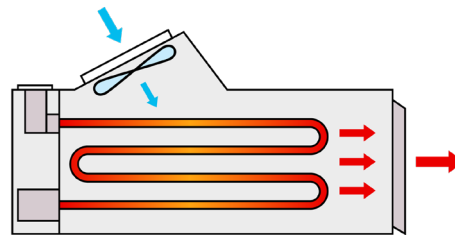
- No CO<sub>2</sub> presence in the heated space because of a closed combustion system.
- Flexible flue-gas discharge system.
- Easy to clean and to service.
- Provided with service hatches.

### APPLICATIONS

- Heating of pig- and poultry houses
- Heating of sheds and warehouses.
- Drying of agricultural produce.

### WORKING PRINCIPLE

Indirect gas-fired heater with a powerful axial fan that blows clean and dry air alongside a tubular heat exchanger to increase the air-temperature of the space to be heated.



### TECHNICAL SPECIFICATIONS

1 kW = 860 kcal/hr

1 kW = 3.413 Btu/hr

1 kW = 1.2 l/hr

1 kW = 3.6 MJ/hr

ITLS SERIES	80
Heat output (Kw)	60-80
Gas consumption Max. (m <sup>3</sup> /hr) G20/25	8,1/9,0
Gas consumption Max. (kg/hr) G31	6,0
Air throw (m)	45
Heated airflow (m <sup>3</sup> )	6000
Power consumption (A) 230V	4,1
Flue connection Ø (mm)	130
Dimensions (L*W*H) cm	179*89*118
Weight (kg)	200kg
Item number	41.800.000

# GA | Direct propane gas fired



## GA-60 E

### FEATURES

- All GA models can be connected to a modulating system.
- Supplied with burner relay, ionization flame protection, thermostat connection and hose breakage protection.
- Clean combustion air through fresh outside air supply.
- Service-friendly, humidity- and dust proof control panel.
- Adjustable capacity.
- KIWA certified

### APPLICATIONS

- Heating of greenhouses and polytunnels (control of CO<sub>2</sub> en CO levels imperative).
- Heating of pig- and poultry houses.
- Drying of agricultural produce.

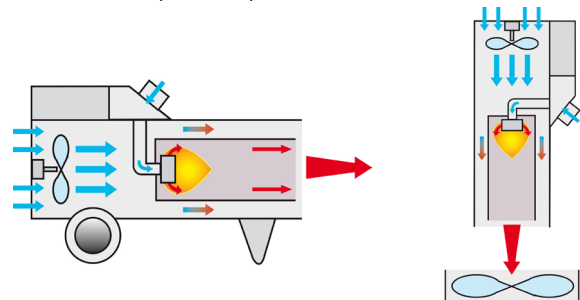
### ADVANTAGES

- Can be installed both horizontally and vertically to supply warm air to the fans of drying installations.
- Suspension brackets and wheel sets available as an option. (wheel set standard on GA-110)
- Large capacity.

### WORKING PRINCIPLE

A direct gas-fired heater.

This product requires ventilation of the area at all times. Installation by qualified personnel only.



### TECHNICAL SPECIFICATIONS | Accessories page 38 - 45

1 kW = 860 kcal/hr

1 kW = 3.413 Btu/hr

1 kW = 1.2 l/hr

1 kW = 3.6 MJ/hr

GA SERIES	24	42	60	85	110
Heat output min. (kW)	16	18	27	39	54
Heat output Max. (kW)	31	44	63	93	130
Fuel consumption gas Min. (kg/hr)	1,1	1,4	1,9	2,8	3,9
Fuel consumption gas Max. (kg/hr)	2,1	3,2	4,6	6,7	9,3
Heated airflow (m <sup>3</sup> /hr)	760	760	2400	2400	4000
Power consumption (A) 230V	0,60	0,60	0,64	0,64	2,20
Gas connection Ø (inch)	1/2	1/2	1/2	1/2	1/2
Gas pressure on heater (bar)	0,4-1,5	0,4-1,5	0,4-2,0	0,4-2,0	0,4-2,0
Thermostat connection	✓	✓	✓	✓	✓
Dimensions (L*W*H) cm	58*37*45	58*37*45	109*46*47	58*37*45	118*53*60
Weight (kg)	19kg	19kg	36kg	36kg	55kg
Item number	40.274.000	40.277.000	40.707.005	40.707.002	40.710.005

# MS | Modulating control units propane gas



## FEATURES

- A system consists of a servo motor with valve, a temperature management unit and a sensor.
- Parts of the unit can be connected with an external computer to serve larger temperature management systems.
- Several heaters can be connected depending on the system chosen with the possibility to manage different sections if required.
- Complete system for drying of agricultural produce, available in 3 versions.
- Modulation gas valve available in different power supplies (24/230V)
- Fire security system available.

## ADVANTAGES

- Delivers a stable temperature in the space to be heated.
- The continuous functioning reduces restarting of the burners and increases the life time span of the heaters.
- Ensures a continuous air flow.
- Reduces humidity.

## APPLICATIONS

For drying of agricultural produce.

## WORKING PRINCIPLE

A modulating system manages continuously the burner capacity of Thermobile heaters by means of gas-pressure in relation with the pre-set temperature values required to dry agricultural produce. Only suited for propane.

Max. quantity of GA heaters to be connected

Variations see page 36 - 43

GA Series	24	42	60	85	110
MS/G 20	9	6	4	2	2
MS/G 40	19	12	8	5	4
MS/G 60	28	18	12	8	6



## CH-72

### FEATURES

- Double-walled stainless steel bodywork and outer casing.
- Equipped with one or more stainless steel heating elements.
- Supplied with one or more maximum thermostats that disconnect the heating elements during overheating as a result of low airflow or obstruction of the airflow.
- Automatic reset after cooling down.

### ADVANTAGES

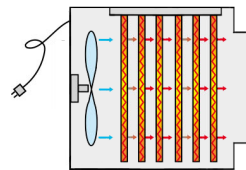
- Robust heater with a strong airflow.
- Because of the double walled construction, the outside of the heater will not be hot in case there is electricity failure nor will it damage the floor below it.
- The specially designed grid of the heater will prevent the floor of being heated directly and therefore avoid too fast drying of the object.
- Separate thermostat available (CH12/18) for operation when a specific temperature is needed.

### APPLICATIONS

- Heating in construction sites.
- Drying support after water damage or renovations.

### WORKING PRINCIPLE

A powerful axial fan blows air alongside the heating elements in order to heat up the air flow.



\*CH-3 with 230 V cable. \*CH-12/18 with 400 V cable + 32A plug; CH-72 with 400 V cable + 125A plug

### TECHNICAL SPECIFICATIONS | Accessories page 38 - 45

1 kW = 860 kcal/hr

1 kW = 3.413 Btu/hr

1 kW = 1.2 l/hr

1 kW = 3.6 MJ/hr

CH SERIES	3*	12*	18*	72*
Heat output (kW)	3	12	18	72
Voltage (V)	230	3x400	3x400	3x400
Max. heated airflow (m <sup>3</sup> /hr)	250	600	1500	3600
Adjustment range (kW)	0-3	0-6-9-12	0-9-13,5-18	0-8-16-24-32-40-48-56-64-72
Delta ΔT (°C)	60	100	90	90
Power consumption (A)	13	18	26	115
Outlet cone Ø (mm)	160	300	300	2x300
Dimensions L*W*H (cm)	38*28*39	66*37*45	55*43*58	115*59*102
Weight (kg)	11kg	23kg	28kg	160kg
Item number	40.107.091	40.107.092	40.107.093	40.107.096



## VTB-15000/18000

### FEATURES

- Double-walled stainless steel internal bodywork and outer casing.
- Supplied with one or more maximum thermostats that disconnect the heating elements during overheating as a result of low airflow or obstruction of the airflow.
- Automatic reset after cooling down.
- Operation with built-in thermostat.
- Equipped with one or more stainless steel heating elements.

### ADVANTAGES

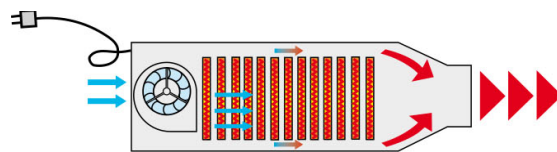
- Very robust heater with a very powerful airflow from a radial fan.
- Air-hoses can be mounted in order to supply heat to areas difficult to reach.
- Because of the double walled construction, the outside of the heater will not be hot in case of an electricity failure nor will it damage the floor below it.
- A very sustainable design that makes this heater suited for harsh and difficult working conditions.

### APPLICATIONS

Heating of areas in construction sites and to support drying processes after water damage or during renovations.

### WORKING PRINCIPLE

A powerful radial fan blows air alongside the heating elements in order to heat up the air flow.



\*VTB-3000 with 230 V cable. \*VTB-9000 with 400 V cable + 16 A plug  
\*VTB 15/18000 with 400 V cable + 32 A plug

### TECHNICAL SPECIFICATIONS | Accessories page 38 - 45

1 kW = 860 kcal/hr

1 kW = 3.413 Btu/hr

1 kW = 1.2 l/hr

1 kW = 3.6 mJ/hr

VTB SERIES	3000*	9000*	15000*	18000*
Heat output (kW)	3	9	15	18
Voltage (V)	1x230	3x400	3x400	3x400
Max. heated airflow (m <sup>3</sup> /hr)	225	550	1000	1000
Adjustment range kW	0-3	0-4,5-9	0-6-9-15	0-9-18
Delta ΔT (°C)	60	100	38-60-100	70-110
Power consumption (A)	13	11,5-13	8-14-23	14-26
Outlet cone Ø (mm)	98	120	150	150
Dimensions (L*W*H) cm	40*34*31	68*34*31	48*86*52	48*86*48
Weight (kg)	11kg	18kg	33kg	33kg
Item number	40.107.030	40.107.035	40.107.025	40.107.040

# BX | Electric heater



## BX-15

### FEATURES

- Robust heater for professional use.
- Stable brace, also for wall mounting.
- Built-in thermostat.
- Stainless steel heating elements.
- Fixed outlet temperature between 30°C - 60°C.
- Selector switch with 6 positions for continuous fan operation or thermostat controlled fan operation

### ADVANTAGES

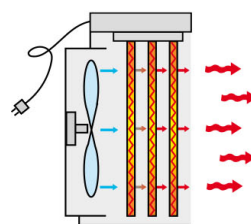
- Suited for closed rooms.
- Immediate availability of warm air.

### APPLICATIONS

- Heating of construction sites and building projects.
- Support during drying projects after water damage for instance and renovation projects combined with Thermobile dehumidifiers.
- Heating of temporary warehouses and showrooms.

### WORKING PRINCIPLE

By means of an axial fan, air is blown alongside the heating elements to be heated.



\*BX-3 with 230 V-cable. \*BX-9 with 400 V-cable + 16 A-plug.  
\*BX-15 with 400 V-cable + 32 A-plug

### TECHNICAL SPECIFICATIONS

1 kW = 860 kcal/hr    1 kW = 3.413 Btu/hr    1 kW = 1.2 l/hr    1 kW = 3.6 mJ/hr

BX SERIES	3*	9*	15*	20	30
Heat output (kW)	3	9	15	20	30
Voltage (V)	1x230V	3x400V	3x400V	3x400V	3x400V
Heated airflow Min. (m <sup>3</sup> /hr)	-	700	-	-	-
Heated airflow Max. (m <sup>3</sup> /hr)	220	900	1000	1750	1900
Power consumption (A) 230V	8.9 - 13.2	6.8 - 13.3	11.2 - 21.9	15 - 29.5	43.4
Delta ΔT (°C)	38	36 - 28	42	32	47 - 34
Adjustment range (kW)	0 - 2 - 3	0 - 4.5 - 9	0 - 7.5 - 15	0 - 10 - 20	0-20-30
Dimensions (L*W*H) cm	28*33*37	35*45*37	52*49*39	57*57*61	57*57*61
Weight (kg)	6kg	12kg	13kg	25kg	30kg
Item number	40.107.005	40.107.015	40.107.020	40.107.021	40.107.022

# BA / BH3 | Electric heater



## BA-15

### FEATURES

- Direction of airflow adjustable in height (BH-3).
- Fixed outlet temperature between 30°C - 60°C.
- Selector switch for continuous fan operation or thermostat controlled fan operation.
- Stainless steel heating elements.
- Built-in thermostat.

### APPLICATIONS

- Heating of construction sites and building projects.
- Support during drying projects after water damage for instance and renovation projects combined with Thermobile dehumidifiers.
- Heating of temporary warehouses and showrooms.



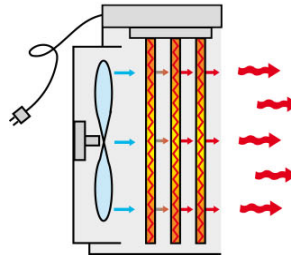
## BH-3

### ADVANTAGES

- Immediate availability of warm air.
- Suited for closed rooms.

### WORKING PRINCIPLE

By means of an axial fan, air is blown alongside the heating elements in order to heat up the air flow.



## TECHNICAL SPECIFICATIONS

1 kW = 860 kcal/hr

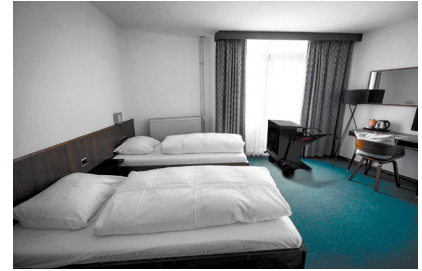
1 kW = 3.413 Btu/hr

1 kW = 1.2 l/hr

1 kW = 3.6 MJ/hr

BA / BH SERIES	BA-3	BA-9	BA-15	BA-24	BH-3
Heat output (kW)	3	9	15	24	3
Voltage (V)	230V	400V	400V	400V	230V
Heated airflow Max. (m <sup>3</sup> /hr)	400	850	1700	2400	300
Power consumption (A)	13.2	13.2	22.3	35.7	13.2
Delta ΔT (°C)	23	32	26	30	30
Dimensions (L*W*H) cm	25.5*28*41	40*34.5*50	51*41*56	51*41*56	34*40*36
Weight (kg)	4kg	7kg	13kg	19kg	5.3kg
Item number	40.108.003	40.108.009	40.108.015	40.108.024	40.108.002

# TBD | Electric heater for pest control



## TBD-18

### FEATURES

- The device is equipped with a thermostat that is adjustable in a range between 20°C and 90°C and secures a constant flow of hot air needed for pest control purposes.
- The heater has a security maximum of 82°C. This means that if the room temperature reaches this level, the heater stops and needs to be reset manually.
- The TBD-18 has a built-in thermostat but can also be managed with an external thermostat.
- The heated air can be directed with precision to a specific spot.

### ADVANTAGES

- Pestcontrol without using chemicals.
- No development of pesticide resistance.
- Very mobile device with wheels and handles.
- Efficient during all stages of larvae growth.
- Not harmful to humans.
- Easy to operate and to install

### APPLICATIONS

Pestcontrol in hotels, houses, foodindustry, bakeries and industrial kitchens as well as libraries, archives and historic buildings.

### WORKING PRINCIPLE

Ambient air is taken in by means of a fan and is blown through a series of electric heating elements into the room to be heated until it reaches a level that kills the vermin. The heating elements have a maximum capacity of 18 kW

### TECHNICAL SPECIFICATIONS

1 kW = 860 kcal/hr

1 kW = 3.413 Btu/hr

1 kW = 1.2 l/hr

1 kW = 3.6 MJ/hr

TBD SERIES	18
Heat output (kW)	18
Voltage (V)	3x400
Heated airflow Max. (m³/u)	3.960
Power consumption (A) 400V	14-26
Thermostat connection	✓
Delta ΔT (°C)	20
Adjustment range (kW)	0-9-18
Dimensions (L*W*H) cm	120*70*83
Weight (kg)	92kg
Item number	40.017.000

# PROHEAT-18 | Electric heater



## PROHEAT-18

## PROHEAT-18 stationary (on request)

### FEATURES

- Equipped with a radial fan that ensures a powerful transport of hot air.
- Fixed outlet temperature; two steps: 9 and 18 kW.
- Electric air heater with built-in thermostat.
- Heating elements of stainless steel.
- 100% clean and dry heat.
- Suited for closed rooms.
- Air outlet at 3 sides.

### ADVANTAGES

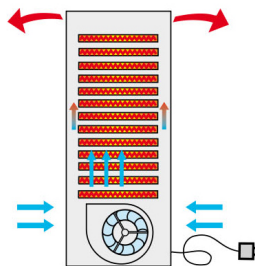
- Very efficient distribution of hot air in large spaces.
- Immediate functioning if electricity is available.
- External thermostat available as an option.
- Easy to move and to transport.

### APPLICATIONS

Used to heat up (pagoda)tents and showrooms.

### WORKING PRINCIPLE

A powerful radial fan blows air alongside the heating elements and heats up the air flow as a result.



## TECHNICAL SPECIFICATIONS | Accessories page 38 - 45

1 kW = 860 kcal/hr

1 kW = 3.413 Btu/hr

1 kW = 1.2 l/hr

1 kW = 3.6 mJ/hr

PROHEAT SERIES	18
Heat output (kW)	18
Voltage (V)	3x400
Heated airflow Max. (m <sup>3</sup> /hr)	1000
Power consumption (A) 230V	13026
Thermostat	✓
Delta ΔT (°C)	120
Adjustment range (kW)	0-9-18
Dimensions (L*W*H) cm	51*40*97
Weight (kg)	40kg
Item number	40.018.000

# PRODRY | Dehumidifier



44



62



96

## FEATURES

- The Prodry dehumidifier has a solid metal body work.
- Stackable construction.
- Automatic stop when the water container is full.
- Equipped with an hour counter, hygostat and a defrosting system.

## ADVANTAGES

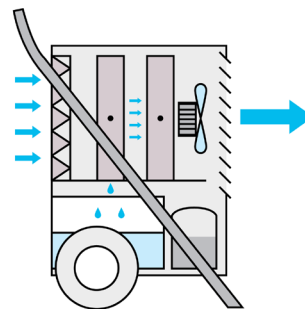
- A condensate pump is available as an accessory.
- The air filter can be easily cleaned and replaced.

## APPLICATIONS

- Dehumidifying after water damage because of leakage.
- Drying of areas in construction sites or renovation projects.
- Management of humidity level.

## WORKING PRINCIPLE

Areas are dehumidified according to the condensation principle.



## TECHNICAL SPECIFICATIONS

PRODRY SERIES	44	62	96
Capacity Max. (l/24hr)	44	62	96
Capacity 20°C/60% RH (l/24hr)	14	19	30
Capacity 27°C/80% RH (l/24hr)	26	36	60
Capacity 30°C/80% RH (l/24hr)	36	52	80
Capacity 32°C/90% RH (l/24hr)	44	62	96
Airflow (m³/hr)	450	550	1000
Tank capacity (l)	8	14	14
Working temperature °C	7-35	7-35	7-35
Power supply	230V/50Hz	230V/50Hz	230V/50Hz
Power consumption (kW)	0.8	0,92	1,48
Power consumption at start (A)	16	22	28
Refrigerant	R410A	R410A	R410A
Noise dB (3m)	46	52	52
Dimensions (L*W*H) cm	48*50*80	54*52*80	65*58*100
Weight (kg)	39kg	45kg	56kg
Item number	99.999.906	99.999.907	99.999.930

# LR-2000 | Mobile air filter



## FEATURES

- The LR-2000 filtration machine is equipped with a HEPA H-13 filter that removes 99,97% of all airborne particles and reduces the particle pollution considerably.
- Our LR-2000 features a 3-stage filter system. Two G3 filters in succession, one single layered and one framed double layered to capture particles like dust and flower pollen.

## ADVANTAGES

The third filter, the H13 HEPA filter will capture microscopic particulates as small as 0.3 microns at a 99,97% success rate. HEPA filters are used to clean the air from a variety of airborne contaminants, like mold and allergens in a large number of applications.

## APPLICATIONS

Air filtration in closed off spaces.

## WORKING PRINCIPLE

Airfilter with HEPA-Filter

## TECHNICAL SPECIFICATIONS

LR SERIES	2000
Power connection	230~240Va.c 50Hz 1Ph
Airflow low fanspeed (m <sup>3</sup> /hr)	1928
Airflow high fanspeed (m <sup>3</sup> /hr)	2311
Power consumption low fanspeed (kW)	0.6
Power consumption high fanspeed (kW)	1.13
Outlet cone Ø (mm)	300
Noise level low speed (dB)	63.2
Noise level high speed (dB)	66.5
Dimensions (L*W*H) Cm	72*76*76
Weight (Kg)	60
Item number	56.090.000

# COOLMOBILE-C/CR | Mobile cooler



**CR-17 M**



**CR-17 S**

## FEATURES

- Reduces the ambient temperature with a maximum of 12°C.
- The cooled air is transported through flexible hoses.
- CR-17 S is stackable and framed without wheels.
- Plug and play as of 20°C outside temperature.
- Automatic operation with external thermostat.
- All models are supplied with forklift slots.
- Outdoor model cooling system, monoblock.
- Heating function allows a maximum of 7°C temperature increase.
- CR-17 M supplied with wheels.

## ADVANTAGES

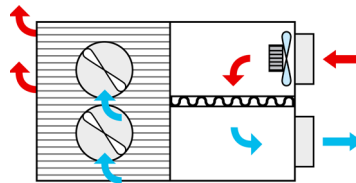
- Reduces the humidity when recirculated air from inside is being cooled down.
- The entire unit is located outside and therefore saves inside space.
- Transport of cooled air through flexible hoses.

## APPLICATIONS

Cooling of tents, showrooms or field hospitals.

## WORKING PRINCIPLE

The Coolmobile has a heatpumpsystem with a reverse setting for heating (only CR-17).



## TECHNICAL SPECIFICATIONS | Accessories page 38 - 45

COOLMOBILE CR SERIES	C-8	CR-17 M	CR-17 S
Cooling capacity (kW)	8,2	17	17
Heating capacity (kW)	-	20	20
Airflow (m³/hr)	1500	3500	3500
Power consumption (A)	13,0	13,7	13,7
Voltage (V/ph/Hz)	230/1/50	400/3/50	400/3/50
Refrigerant type	R410A	R410A	R410A
Air outlet cone Ø (mm)	300	500	500
Air inlet cone Ø (mm)	300	500	500
Thermostat connection	✓	✓	✓
Dimensions (L*W*H) cm	170*90*115	180*120*140	173*111*144
Weight (kg)	200kg	305kg	305kg
Item number	56.007.150	56.017.050	56.017.150

# COOLMOBILE C72 - C145 | Mobile cooler



**C72**



**C145**

## FEATURES

- Robust and compact cooler.
- Operating temperatures are between: +25 and +45 °C (C72), +25 and +50 °C (C145).
- 2 models with a capacity of 21 and 42 kW.
- Available for outdoor use with suitable rain protection.
- Air transport through flexible hoses.
- Reduces the humidity of the circulating air from inside.
- Self-regulating operation through built-in thermostat.

## ADVANTAGES

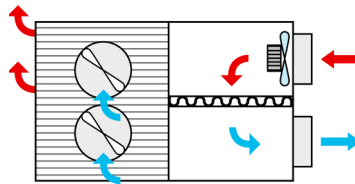
- Easy to transport and flexible in use with forklift slots.
- Simply connect the device and the Coolmobile is ready for use.
- Both models are equipped with road wheels.
- Built-in timer.
- Immediate cooling.
- Great mobility.
- Multiple airflows possible (only with C145).

## APPLICATIONS

Cooling of tents, showrooms or field hospitals.

## WORKING PRINCIPLE

Heatpumpsystem.



## TECHNICAL SPECIFICATIONS

COOLMOBILE C	C72	C145
Cooling capacity (kW)	21.1	42.5
Airflow (m <sup>3</sup> /hr)	3042	6000
Power consumption (A)	17.4	30
Voltage (V/ph/Hz)	380/420	380/420
Refrigerant type	R410A	R410A
Air outlet cone Ø (mm)	400	2x400
Air inlet cone Ø (mm)	400	2x400
Thermostat	✓	✓
Dimensions (L*W*H) cm	167*74*121	225*220*146
Weight (kg)	300kg	527kg
Item number	56.072.000	56.145.000

# COOLMOBILE-21/25 | Mobile spot-cooler



**COOLMOBILE-21**



**COOLMOBILE-25**

## FEATURES

- Hose to be mounted optionally to release the warm air.
- The device has a timer for autonomous functioning.
- Extendable tubes available that allow spot cooling.
- Robust cooling unit with directable flexible hoses.

## APPLICATIONS

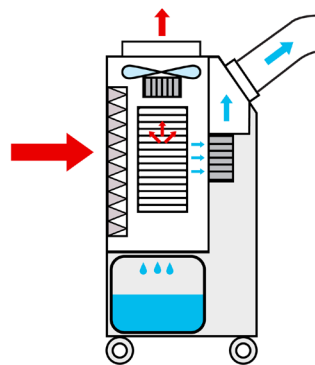
Spot cooling of spaces, electric equipment, server rooms etc.

## ADVANTAGES

- Can be installed quickly in emergency circumstances.
- Large container for condenswater.
- Little maintenance needed.
- Easy to move.

## WORKING PRINCIPLE

Water cooled by means of a condensate pump.



## TECHNICAL SPECIFICATIONS | Accessories page 38 - 45

COOLMOBILE SPOTCOOLER SERIES	21	25
Cooling capacity (kW)	6,15	7,32
Airflow (m <sup>3</sup> /u)	660-780	840-960
Starting current (A)	45	57
Running current (A)	11	13
Power consumption (kW)	2,41	2,60
Air filter	Aluminium	Aluminium
Max. static pressure (mm)	30	30
Delta ΔT (°C)	10-12	10-15
Outlet Ø (mm)	2x125	3x125
Dimensions (L*B*H) cm	60x50x130	60x50x130
Weight (kg)	86kg	90kg
Item number	56.021.000	56.025.000



## COOLMOBILE-220

### FEATURES

- Supplied with hour counter, built-in thermostat and variable fan speed (3 stages).
- Allows the room-temperature to be reduced with 10°C, possibility for ventilation only.
- Easy to install, connection with quick release couplings, maximum of 30 meters between the units.
- Mobile split air-conditioning system.
- Standard power supply of 230V.

### ADVANTAGES

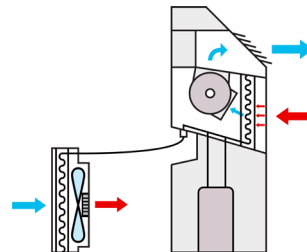
- Extendable connecting leads allow 30 mtr distance between the in- and outdoor-units
- Easy to move thanks to wheels and light weight.
- Large area of functioning

### APPLICATIONS

- Suited for cooling rooms up to 130 m<sup>3</sup>.
- For cooling tents, offices, exposition spaces, showrooms, kitchens and server-rooms.

### WORKING PRINCIPLE

A split air-conditioning system with ventilation option. The cooling unit is placed inside whereas the heat exchanger, or condenser, is placed outside in order to release the increased temperature of the cooling agent.



## TECHNICAL SPECIFICATIONS | Accessories page 38 - 45

1 kW = 860 kcal/hr

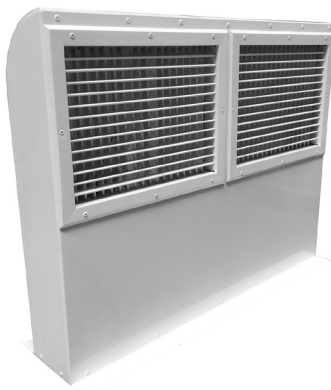
1 kW = 3.413 Btu/hr

1 kW = 1.2 l/hr

1 kW = 3.6 MJ/hr

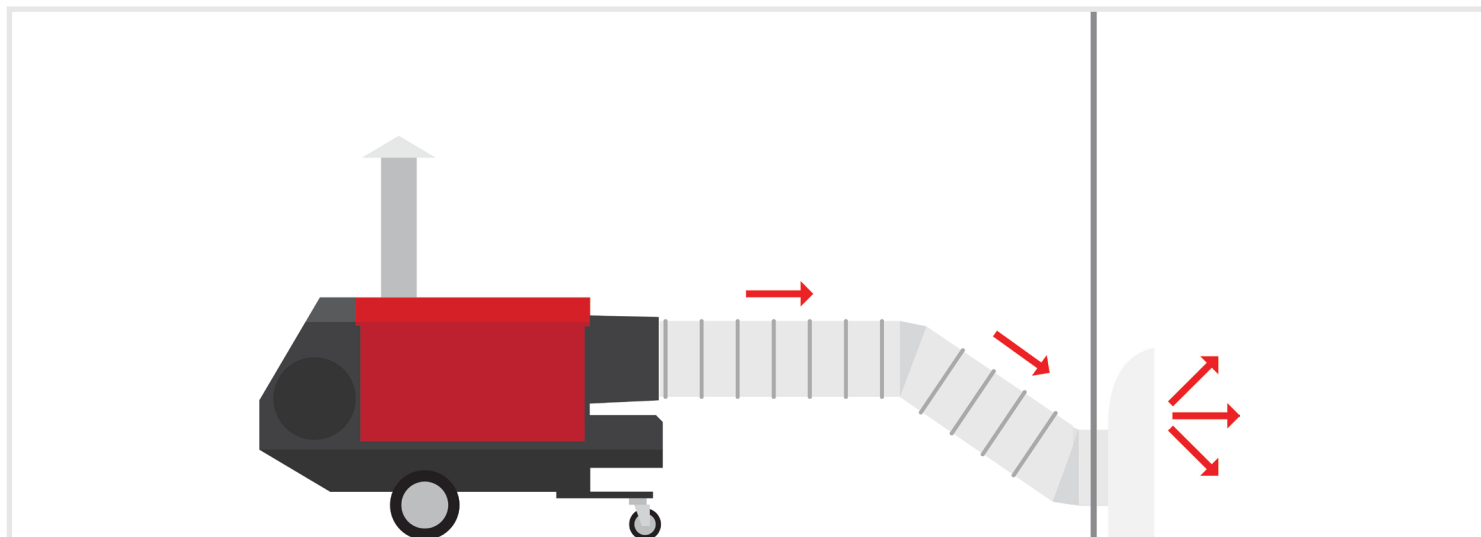
COOLMOBILE C/CR SERIES		220
Cooling capacity (kW)		6,7
Voltage (V)		230V
Airflow (m <sup>3</sup> /u)		1500
Max. static pressure (bar)		6
Starting current (A) 230V		13
Decibel 2m distance (dB)		49
Delta ΔT (°C)		35
Dimensions (L*W*H) cm		81*36*120
Weight (kg)		86kg
Item number		56.220.000

# AIR DISTRIBUTORS



## FEATURES

This air diffuser can be adjusted manually to obtain the desired distribution of warm air. These diffusers have a beautiful design and they will match perfectly with the interior of any location. Easy to install with large logistic advantages because of weight and size. These air diffusers are to be used with Thermobile heaters with a capacity of 110 kW maximum.



**IMA 111 RAD**

## TECHNICAL SPECIFICATIONS

AIR DISTRIBUTOR	Ø 400mm	Ø 500mm
Dimensions (L*W*H) cm	32*90*71	32*90*71
Weight (kg)	21kg	21kg
Item number	50.500.450	50.500.500
PIPE ADAPTER (mm)	Ø 300 -> 400	Ø 150 -> 400
Item number	50.500.475	50.500.465

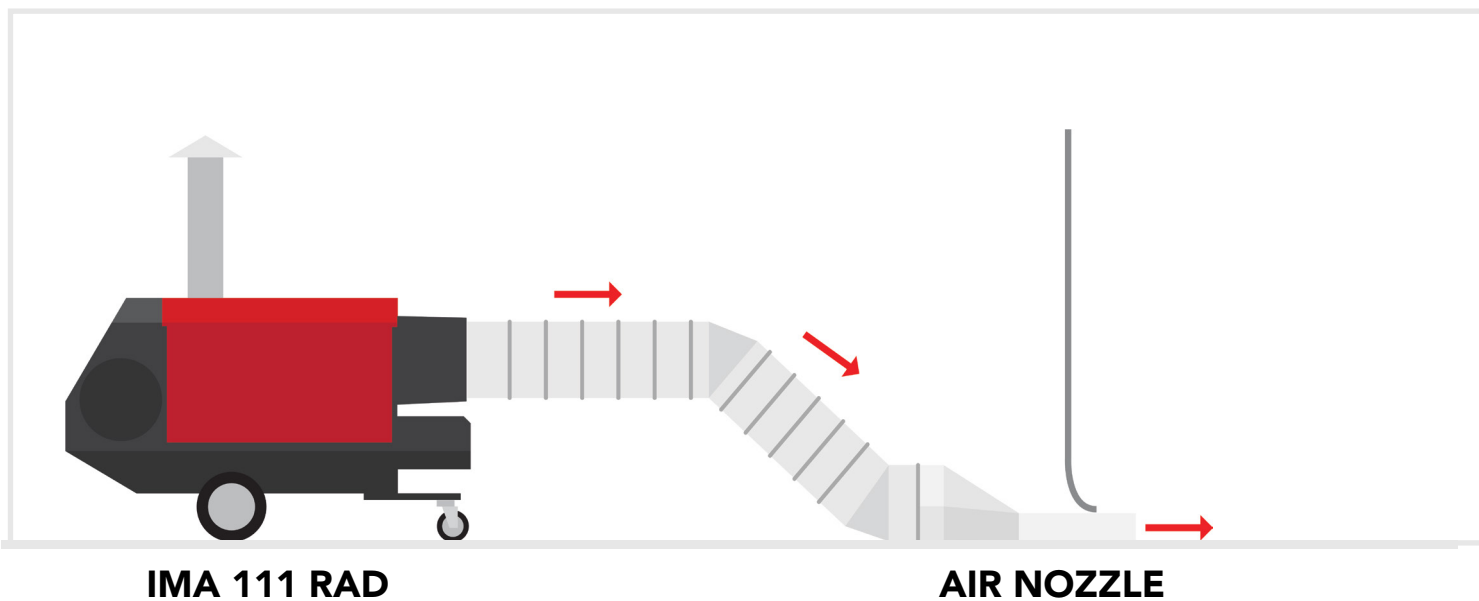
# AIR NOZZLE



## AIR DIFFUSER

### FEATURES

Diffuser that can be easily installed to heat tents or rooms from underneath. To be used with Thermobile heaters with a maximum capacity of 110 kW.



IMA 111 RAD

AIR NOZZLE

### TECHNICAL SPECIFICATIONS

<b>AIR NOZZLE</b>	<b>Ø 400mm</b>	
Airflow (m <sup>3</sup> /hr)	8000	
Dimensions outlet (L*W*H) cm	110*9	
Dimensions (L*W*H) cm	85*110*40	
Weight (kg)	14kg	
Item number	98.085.060	

<b>PIPE ADAPTER (mm)</b>	<b>Ø 300 -&gt; 400</b>	<b>Ø 150 -&gt; 400</b>
Item number	50.500.475	50.500.465

# FILTERCUBE | HEPA filtercube



## FEATURES

- The system combines the supply of 35% fresh outdoor air with recirculation of 65% indoor air purified by HEPA filters.
- Removable HEPA (13) filters.
- Compatible with our IMA-150 RHP, IMA-200 RHP, IMAC-2000 (S,EC), and IMAC-4000 heaters.

## APPLICATIONS

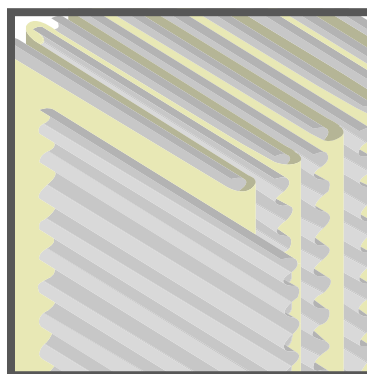
Extra filtration when inside air is contaminated with dust and other small particles.

## ADVANTAGES

- Enables filtered recirculation and thus considerably reduces fuel costs.
- HEPA-13 filters filter 99,97% of particles out of the air, including aerosols and viruses.
- The Filtercube can be used at times when heating is not required.

## WORKING PRINCIPLE

The system combines the supply of 35% fresh outdoor air with recirculation of 65% indoor air purified by HEPA filters.



HEPA filter

## TECHNICAL SPECIFICATIONS

FILTERCUBE SERIES	
Airflow (m <sup>3</sup> /hr)	depends on heater
Connection diameter recirculation (mm)	2x600 / 4x600
Filtertype prefilter ( supplied with cube )	ePM10 75%
Filtertype HEPA ( supplied with cube )	HEPA-13
Dimensions filter L*W*H (cm)	61*61*29
Dimensions cube L*W*H (cm)	108*118*142
Weight (kg)	220
Item number	41.730.150

# FUEL TANKS | EnergyTender and Multitank



## ENERGYTENDER-3000 NLC

### FEATURES

- Available in 3 versions: 995, 2000 and 3000 litres.
- Lockable pump-room cabinet to protect against theft.
- Can easily be mounted onto a trailer.
- Meets current VLG/ADR and KIWA regulations. Allowed to be used at all locations.
- 2½" fill and 1½" level opening with brass cap.
- 1 x 1" suction pipe capped.
- 1 x 2" and 1 x 1" spare connection points with cap.
- Venting with outflow restrictor.
- Mechanical contents gauge.
- 2x suction pipe ½" and 2x return connection ½" with ball valve.
- Stackable during transport.

### ADVANTAGES

- Robust design.
- Can be delivered in every RAL colour to match your company style.

### ACCESSORIES

Tank-heating TH370-220W for 995 NLC.	99.999.717
Tank-heating TH372-1500W for 2000/3000 NLC.	99.999.718
Oil suction set universal.	41.520.104

### TECHNICAL SPECIFICATIONS

ENERGY TENDER SERIES	995 NLC	2000 NLC	3000 NLC
Capacity (L)	995	2000	3000
Dimensions (L*W*H) cm	156*120*130	219*120*150	309*120*150
Weight empty (kg)	465kg	860kg	1200kg
Item number	99.999.995	99.992.000	99.993.000



## MULTITANK-1000 on optional tank-trolley

### FEATURES

- Available in two sizes: 700 and 1000 litres.
- Approved for indoor usage. In case of outdoor installation, we recommend the optional lockable rain cover.
- For local transport the Multitank trolley is available as an accessory.
- Double-walled.
- Plastic (HDPE) inner tank (no rust).
- Metal outer tank with 100% bund.
- 2" female thread connections.
- Level meter.
- Leak detector.
- TÜV certified.

### ADVANTAGES

- Compact model.
- Can easily be transported with the trolley.
- Easily connectable.

### ACCESSORIES

Connection kit for connecting multiple Multitanks.	99.999.703
Oil suction set Multitank.	99.999.707
Rain cap for Multitank	99.999.820
Tank-trolley (104*145*25cm 82kg)	99.099.100
Tank heating Multitank	99.999.717

### TECHNICAL SPECIFICATIONS

MULTITANK SERIES	700	1000
Capacity (L)	700	1000
Dimensions (L*W*H) cm	114*73*119	114*73*163
Weight empty (kg)	64kg	81kg
Item number	99.999.700	99.999.701

# CONTROL MODULE



## CONTROL MODULE

### FEATURES

- Possibility to program settings of the heaters connected.
- Option to manage based on a temperature sensor or thermostat.
- Central control unit to operate a maximum of 20 Thermobile heaters.
- 6 fault indications and several control functions (switch on/off etc.).
- Can be expanded to remote control with a GSM module.
- To connect heaters in 1 system using industrial ethernet.
- Flexibility in connecting the number of heaters to a temperature sensor or a thermostat.

### APPLICATIONS

For larger events that need a central management of a series of heaters.

### ADVANTAGES

- Fuel savings because of programmed settings.
- Flexible configuration can be changed without a professional programmer.
- Increases reliability of supply of hot air.
- Prevents unpleasant changes in temperature in the rooms to be heated.
- Savings in time and quicker problem solving thanks to the fault indication.

### WORKING PRINCIPLE

A small Unitronics CPU is factory-installed in the heaters. It is equipped with 6 digital inputs to receive signals from the heaters. 4 digital outputs 24VDC/2A secure operation and a 1x0-10V analogue input connects the temperature sensor.

# GSM FAULT DETECTOR



## GSM FAULT DETECTOR

### FEATURES

The GSM alarm module is a versatile GSM alarming unit appropriate for many applications. When an alarm is triggered the GSM alarm module will send messages to the set contact persons.

The GSM communicator can be connected to external power but is also able to run on internal batteries alone. The two inputs can be connected to external detectors. The input type can be easily programmed through SMS text messages or via an Internet Portal. As soon as an input is activated, the GSM dialler will send an alert via telephone call and an SMS text message (and e-mail).

Several options make the module powerful, keeping user friendliness in mind. It is possible to program an alarm delay time, inactive time after an alarm, frequency for test messages, etc. A maximum of five telephone number can be programmed.

Although the GSM alarm module is developed for an extreme low power consumption and for running on a set of batteries for more than a year, the module can be connected to an external power source. Via a (regulated 500mA) plug adapter the module can use the mains. Upon power failure the back-up batteries take over the functionality in low power mode to save the batteries. Therefore it is still possible to receive power failure SMS text messages after the power failure (and power restore messages).

Inputs	▪ 2 dry contacts	▪ 12VDC (optional: mains adapter)
User interface	▪ Switch button	▪ 1x status LEDs
Dimensions	▪ 80 * 60 * 30 mm	
(Alarm) messages	<ul style="list-style-type: none"> <li>▪ SMS and/or call at activation of an input. Confirmation possible by receiver of phone call, after which subsequent calls are stopped.</li> <li>▪ SMS and/or call at power failure.   ▪ SMS at power restoration   ▪ SMS at low batteries.   ▪ SMS test messages ("keep alive")</li> </ul>	
Reports	▪ Status reports, settings report and GSM network strength at request via SMS text messages.	
Security	▪ PIN code security for configuration	
Configuration	<ul style="list-style-type: none"> <li>▪ Via SMS text message:           ▪ Telephone numbers (max. 5)   ▪ Identification and alarm texts</li> <li>▪ Inputs as NO or NC               ▪ Alarm repeat times           ▪ Locking of on/off button possible.</li> <li>▪ Frequency of test messages.   ▪ Alarm repeat times.</li> <li>▪ Automatic arming and disarming schemes. Two schemes possible, which can be assigned to days of the week.</li> </ul>	
Power supply	▪ 2 * CR123 Lithium (included) or	▪ 12VDC (mains adapter) + 2 * CR123
Battery life time	▪ > 1 year at normal use (battery operated)	▪ > 2 years at normal use (ext. power supply)
GSM/GPRS	▪ Quad band EGSM 900/1800 - 850/1900 MHz	

#### GSM fault detector IMA

Item number :	41.722.720
Battery item number :	60.560.014



#### GSM fault detector IMAC

Item number :	41.729.540
Battery item number :	

# ACCESSORIES



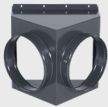

## TA / TAS



			TA-22	TA-30	TA-40	TA-80	TAS-800
	40.228.405	RT1, room thermostat -10/+40°C with 5m cable and plug.	✓	✓	✓	✓	✓
	40.228.410	RT2, room thermostat -10/+40°C with 10m cable and plug	✓	✓	✓	✓	✓
	40.228.420	RT3, room thermostat -10/+40°C with 20m cable and plug	✓	✓	✓	✓	✓
	40.000.107	IT1 duct thermostat 0/100°C with 6m cable and plug	✓	✓	✓	✓	✓
	41.729.220	DA1, Dual connection for thermostat.	✓	✓	✓	✓	✓
	40.202.140	Extension cable 10m for thermostat, with plug.	✓	✓	✓	✓	✓
	40.202.087	Chassis piece for thermostat plug.	✓	✓	✓	✓	✓
	40.223.400	Fault detector GSM room temperature monitoring, no connections needed.	✓	✓	✓	✓	✓
	40.000.031	Thermostat plug.	✓	✓	✓	✓	✓
	40.223.195	Set of air wheels for synthetic tank.	✓	✓			
	40.404.220	Set of air wheels with axle parts.			✓	✓	

## ITA



			35	45	75
	40.228.405	RT1, room thermostat -10/+40°C with 5m cable and plug.	✓	✓	✓
	40.228.410	RT2, room thermostat -10/+40°C with 10m cable and plug	✓	✓	✓
	40.228.420	RT3, room thermostat -10/+40°C with 20m cable and plug	✓	✓	✓
	40.000.107	IT1 duct thermostat 0/100°C with 6m cable and plug	✓	✓	✓
	40.000.031	Thermostat plug.	✓	✓	✓
	41.729.220	DA1, Dual connection for thermostat.	✓	✓	✓
	40.202.140	Extension cable 10m for thermostat, with plug.	✓	✓	✓
	40.202.087	Chassis piece for thermostat plug.	✓	✓	✓
	40.223.400	Fault detector GSM room temperature monitoring, no connections needed.	✓	✓	✓
	41.300.053	Set of air wheels for ITA-35.	✓		
	40.404.300	Set of air wheels for ITA-45.		✓	
	40.404.400	Set of air wheels for ITA-75.			✓
	41.300.125	Distribution head 2x200 mm	✓		
	41.404.153	Distribution head 2x300 mm		✓	✓
	50.500.450	Distribution head 400 mm		✓	✓
	50.500.475	Connection piece 300 to 400 mm	✓		
	41.000.562	Galvanized pipe 1m Ø 150mm	✓	✓	
	41.522.172	Galvanized pipe 1m Ø 180mm			✓
	41.000.565	Galvanized rain cap Ø 150mm	✓	✓	
	41.522.175	Galvanized rain cap Ø 180mm			✓
	41.000.561	Galvanized bend 45° Ø 150mm	✓	✓	
	41.522.171	Galvanized bend 45° Ø 180mm			✓

## ITA



		35	45	75	
	<b>41.652.250</b>	Bushing set for flue in polytunnels. Ø 150mm	✓	✓	
	<b>41.750.250</b>	Bushing set for flue in polytunnels. Ø 180mm			✓
	<b>41.404.099</b>	Chimney clamp set.	✓	✓	
	<b>41.750.099</b>	Chimney clamp set.			✓
	<b>40.107.273</b>	Warm air transport hose -30/+100°C, yellow 6m Ø 200mm			
	<b>40.107.276</b>	Warm air transport hose -30/+100°C, yellow 6m Ø 300mm	✓		
	<b>40.107.280</b>	Warm air transport hose -30/+100°C, yellow 6m Ø 400mm		✓	✓
	<b>99.084.041</b>	Warm air transport hose -40/+140°C, grey 5m Ø 300mm	✓		
	<b>41.404.152</b>	Warm air transport hose -40/+140°C, grey 5m Ø 400mm		✓	✓
	<b>41.450.002</b>	Lifting bracket set. (Only for Robust)		✓	
	<b>41.751.002</b>	Lifting bracket set. (Only for Robust)			✓
	<b>99.084.041</b>	Connection pipe Ø 300mm	✓		
	<b>41.404.152</b>	Connection pipe Ø 400mm		✓	✓
	<b>41.218.071</b>	Connection pipe for hoses Ø 300mm			
	<b>41.404.154</b>	Connection pipe for hoses Ø 400mm			
	<b>41.000.300</b>	Hose connection 45° Ø 300mm	✓		
	<b>41.000.400</b>	Hose connection 45° Ø 400mm		✓	✓
	<b>41.402.114</b>	Conversion kit from 1-way to 2-way pipe system, for suction from bulk tank, maximum length 50m, height 3m. To be mounted on fuel pump.	✓	✓	✓
	<b>41.530.005</b>	Oil supply unit DE 600, 60 litre to transport oil under pressure from bulk tank to one or more heaters, to a maximum height of 30m.	✓	✓	✓
	<b>41.522.213</b>	Needed per heater: connection/reduction set with magnetic valve.	✓	✓	✓

## IMA



		61	111	150	200	
	<b>40.228.405</b>	RT1, room thermostat -10/+40°C with 5m cable and plug.	✓	✓	✓	✓
	<b>40.228.410</b>	RT2, room thermostat -10/+40°C with 10m cable and plug	✓	✓	✓	✓
	<b>40.228.420</b>	RT3, room thermostat -10/+40°C with 20m cable and plug	✓	✓	✓	✓
	<b>40.000.107</b>	IT1 duct thermostat 0/100°C with 6m cable and plug	✓	✓	✓	✓
	<b>41.729.220</b>	DA1, Dual connection for thermostat.	✓	✓	✓	✓
	<b>40.202.140</b>	Extension cable 10m for thermostat, with plug.	✓	✓	✓	✓
	<b>40.202.087</b>	Chassis piece for thermostat plug.	✓	✓	✓	✓
	<b>40.223.400</b>	Fault detector GSM room temperature monitoring, no connections needed.	✓	✓	✓	✓
	<b>41.722.720</b>	Fault detector IMA GSM	✓	✓	✓	✓
	<b>40.000.031</b>	Thermostat plug.	✓	✓	✓	✓
	<b>41.000.400</b>	Hose connection 45° Ø 400mm	✓			
	<b>41.000.500</b>	Hose connection 45° Ø 500mm		✓	✓	

# ACCESSORIES

## IMA



		61	111	150	200
	<b>41.722.140</b> Recirculation ring Ø 300mm	✓			
	<b>41.724.445</b> Recirculation ring Ø 400mm		✓		
	<b>41.722.854</b> Recirculation ring Ø 500mm IMA-65 EC				
	<b>41.728.445</b> Recirculation ring Ø 500mm			✓	✓
	<b>41.722.068</b> Distribution head 2x300mm	✓			
	<b>41.724.177</b> Distribution head 4x300mm		✓	✓	
	<b>41.724.192</b> Distribution head 2x360mm		✓	✓	
	<b>41.728.177</b> Distribution head 4x300mm				✓
	<b>41.728.443</b> Distribution head 2x400mm				✓
	<b>41.728.068</b> Distribution head 2x500mm				✓
	<b>50.500.450</b> Air distributor 400mm	✓	✓	✓	
	<b>50.500.500</b> Air distributor 500mm				✓
	<b>98.085.060</b> Air diffuser 400mm	✓	✓	✓	
	<b>50.500.475</b> Connection piece 300 to 400mm for distribution head.				
	<b>50.500.465</b> Connection piece 150 to 400mm for distribution head.				
	<b>41.722.237</b> Set of air wheels.	✓	✓	✓	✓
	<b>At request</b> Various transport frames.	✓	✓	✓	✓
	<b>40.107.079</b> Warm air transport hose -40/+140°C, grey 5m Ø 400mm	✓			
	<b>40.107.080</b> Warm air transport hose -40/+140°C, grey 5m Ø 500mm		✓	✓	
	<b>40.107.081</b> Warm air transport hose -40/+140°C, grey 5m Ø 600mm				✓
	<b>40.107.276</b> Warm air transport hose -30/+100°C, yellow 6m Ø 300mm for distribution head.				
	<b>40.107.278</b> Warm air transport hose -30/+100°C, yellow 6m Ø 365mm for distribution head.				
	<b>40.107.280</b> Warm air transport hose -30/+100°C, yellow 6m Ø 400mm	✓			
	<b>40.107.282</b> Warm air transport hose -30/+100°C, yellow 6m Ø 500mm		✓	✓	
	<b>40.107.284</b> Warm air transport hose -30/+100°C, yellow 6m Ø 600mm				✓
	<b>41.522.172</b> Galvanized pipe 1m Ø 180mm	✓			
	<b>41.528.192</b> Galvanized pipe 1m Ø 200mm		✓	✓	✓
	<b>41.522.175</b> Galvanized rain cap Ø 180mm	✓			
	<b>41.528.187</b> Galvanized rain cap Ø 200mm		✓	✓	✓
	<b>41.522.171</b> Galvanized bend 45° Ø 180mm	✓			
	<b>41.528.230</b> Galvanized bend 45° Ø 200mm		✓	✓	✓
	<b>41.750.250</b> Bushing set for flue in polytunnels. Ø 180mm	✓			
	<b>41.528.181</b> Bushing set for flue in polytunnels. Ø 200mm		✓	✓	✓
	<b>40.502.067</b> Rubber quick release clamp Ø 300mm for distribution head.				
	<b>40.502.068</b> Rubber quick release clamp Ø 365mm for distribution head.				
	<b>40.502.069</b> Rubber quick release clamp Ø 400mm	✓			
	<b>40.502.071</b> Rubber quick release clamp Ø 500mm		✓	✓	✓
	<b>40.502.073</b> Rubber quick release clamp Ø 600mm				✓

## IMA



			61	111	150	200
	<b>41.530.005</b>	Oil supply unit DE 600, 60 litre to transport oil under pressure from bulk tank to one or more heaters, to a maximum height of 30m.	✓	✓	✓	✓
	<b>41.522.213</b>	Needed per heater: connection/reduction set with magnetic valve.	✓	✓	✓	✓
	<b>41.527.212</b>	Oil preheating with cable (for SL 22)	✓	✓	✓	✓
	<b>41.527.211</b>	Oil preheating with cable (for SL 44/55)		✓	✓	✓
	<b>41.722.230</b>	Oil filter with water separation and bracket for return pipe.	✓	✓	✓	✓
	<b>41.722.370</b>	Oil filter set with preheating.	✓	✓	✓	✓
	<b>41.520.104</b>	Oil suction set universal.	✓	✓	✓	✓

## IMAC



			1200	1500	2000	2000 P	4000
	<b>40.228.405</b>	RT1, room thermostat -10/+40°C with 5m cable and plug.	✓	✓	✓	✓	✓
	<b>40.228.410</b>	RT2, room thermostat -10/+40°C with 10m cable and plug	✓	✓	✓	✓	✓
	<b>40.228.420</b>	RT3, room thermostat -10/+40°C with 20m cable and plug	✓	✓	✓	✓	✓
	<b>40.000.107</b>	IT1 duct thermostat 0/100°C with 6m cable and plug	✓	✓	✓	✓	✓
	<b>41.729.220</b>	DA1, Dual connection for thermostat.	✓	✓	✓	✓	✓
	<b>40.202.140</b>	Extension cable 10m for thermostat, with plug.	✓	✓	✓	✓	✓
	<b>40.202.087</b>	Chassis piece for thermostat plug.	✓	✓	✓	✓	✓
	<b>40.223.400</b>	Fault detector GSM room temperature monitoring, no connections needed.	✓	✓	✓	✓	✓
	<b>41.729.540</b>	Fault detector IMAC GSM	✓	✓	✓	✓	✓
	<b>40.000.031</b>	Thermostat plug.	✓	✓	✓	✓	✓
	<b>41.528.192</b>	Galvanized pipe 1m Ø 200mm	✓	✓	✓	✓	
	<b>41.740.665</b>	Galvanized pipe 1m Ø 300mm					✓
	<b>41.528.187</b>	Galvanized rain cap Ø 200mm	✓	✓	✓	✓	
	<b>41.740.666</b>	Galvanized rain cap Ø 300mm					✓
	<b>41.528.230</b>	Galvanized bend 45° Ø 200mm	✓	✓	✓	✓	
	<b>41.740.667</b>	Galvanized bend 45° Ø 300mm					✓
	<b>41.729.804</b>	Distribution head 500mm	✓	✓	✓	✓	
	<b>41.729.872</b>	Distribution head 600mm	✓	✓	✓	✓	
	<b>41.729.997</b>	Distribution head 2x500mm	✓	✓	✓	✓	
	<b>41.729.820</b>	Distribution head 4x300mm	✓	✓	✓	✓	
	<b>41.729.862</b>	Distribution head 6x300mm	✓	✓	✓	✓	
	<b>41.740.565</b>	Distribution head 800mm					✓
	<b>41.740.560</b>	Distribution head 2x600mm					✓
<b>41.740.050</b>	Distribution head 3x500mm					✓	
	<b>41.731.440</b>	Mobile ash container.				✓	
	<b>41.731.410</b>	10ft pellet container.				✓	
	<b>41.731.450</b>	Supply unit 2x auger.				✓	

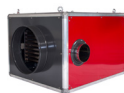
# ACCESSORIES

## IMAC



			1200	1500	2000	2000 p	4000
	<b>40.107.080</b>	Warm air transport hose -40/+140°C, grey 5m Ø 500mm	✓	✓			
	<b>40.107.081</b>	Warm air transport hose -40/+140°C, grey 5m Ø 600mm			✓	✓	✓
	<b>40.107.276</b>	Warm air transport hose -30/+100°C, yellow 6m Ø 300mm	✓	✓	✓	✓	
	<b>40.107.282</b>	Warm air transport hose -30/+100°C, yellow 6m Ø 500mm					✓
	<b>40.107.284</b>	Warm air transport hose -30/+100°C, yellow 6m Ø 600mm					✓
	<b>40.107.286</b>	Warm air transport hose -30/+100°C, yellow 6m Ø 800mm					✓
	<b>40.502.067</b>	Rubber quick release clamp Ø 300mm					
	<b>40.502.071</b>	Rubber quick release clamp Ø 500mm	✓	✓			
	<b>40.502.073</b>	Rubber quick release clamp Ø 600mm			✓	✓	
	<b>40.502.075</b>	Rubber quick release clamp Ø 800mm					✓
	<b>41.530.005</b>	Oil supply unit DE 600, 60 litre to transport oil under pressure from bulk tank to one or more heaters, to a maximum height of 30m.	✓	✓	✓	✓	✓
	<b>41.522.213</b>	Needed per heater: connection/reduction set with magnetic valve.	✓	✓	✓	✓	✓
	<b>41.527.211</b>	Oil preheating with cable (SL 44/55)	✓	✓	✓	✓	
	<b>41.722.230</b>	Oil filter with water separation and bracket for return pipe.	✓	✓	✓	✓	✓
	<b>41.722.370</b>	Oil filter with preheating.	✓	✓	✓	✓	✓
	<b>41.520.104</b>	Oil suction set universal.	✓	✓	✓	✓	✓
	<b>41.729.878</b>	Recirculation flange Ø 600mm	✓	✓	✓	✓	
	<b>41.729.241</b>	Recirculation hose, grey 5m Ø 600mm	✓	✓	✓	✓	✓
	<b>41.729.242</b>	Recirculation hose, grey 10m Ø 600mm	✓	✓	✓	✓	✓
	<b>41.522.196</b>	Galvanized hose clamp 60 - 600mm	✓	✓	✓	✓	✓
	<b>41.000.300</b>	Connection bend 45° Ø 300mm	✓	✓	✓	✓	
	<b>41.000.500</b>	Connection bend 45° Ø 500mm	✓	✓	✓	✓	✓
	<b>99.095.026</b>	Fresh air suction connection SL44/55	✓	✓	✓	✓	

## ISA



							65-AX
	<b>41.728.235</b>	Hour counter.					✓
	<b>41.107.282</b>	Warm air transport hose -30/+100°C, yellow 6m Ø 500mm					✓
	<b>41.522.172</b>	Galvanized pipe 1m.					✓
	<b>41.522.175</b>	Galvanized rain cap.					✓
	<b>41.522.171</b>	Connection bend 45°.					✓
	<b>41.750.250</b>	Bushing set for flue in polytunnels.					✓
	<b>41.526.155</b>	Speed-control set.					✓
	Various accessories available for fuel-supply.						

## BIO ENERGY



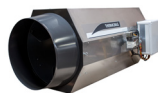
			b	1	2	3
	41.900.521	Burner dish B-1.	✓	✓		
	41.910.145	Burner dish 2-3.			✓	✓
	41.910.300	Ducting set (ducting connector and radial fan).			✓	✓
	41.906.300	Flue booster.	✓	✓	✓	✓

## GA



			24	42	60	85	110
	40.228.405	RT1, room thermostat -10/+40°C with 5m cable and plug.	✓	✓	✓	✓	✓
	40.228.410	RT2, room thermostat -10/+40°C with 10m cable and plug	✓	✓	✓	✓	✓
	40.228.420	RT3, room thermostat -10/+40°C with 20m cable and plug	✓	✓	✓	✓	✓
	40.000.107	IT1 duct thermostat 0/100°C with 6m cable and plug	✓	✓	✓	✓	✓
	41.729.220	DA1, Dual connection for thermostat.	✓	✓	✓	✓	✓
	40.202.140	Extension cable 10m for thermostat, with plug.	✓	✓	✓	✓	✓
	40.000.031	Thermostat plug.	✓	✓	✓	✓	✓
	40.233.400	Fault detector GSM room temperature monitoring, no connections needed.	✓	✓	✓	✓	✓
	40.277.033	Floor and wall suspension bracket.	✓	✓			
	40.301.007	Floor and wall suspension bracket.			✓	✓	✓
	40.707.094	Set of standard wheels with axle + base.			✓	✓	
	40.710.124	Set of standard wheels with axle + base.					✓
	40.700.054	Connection set for gas bottles, to increase evaporating capacity.	✓	✓	✓	✓	✓
	40.252.259	1/2" Shell coupling (male left thread)	✓	✓	✓	✓	✓
	40.301.025	Gas quick coupling (female 3/8").	✓	✓	✓	✓	✓
	40.301.032	Gas quick coupling (female 1/2").	✓	✓	✓	✓	✓
	40.000.585	Fresh air suction hoses 5m. For suction of clean fresh air.			✓	✓	✓
	40.721.016	Stainless steel wall connect with rain-cap, prevents raining in and back pressure.			✓	✓	✓

## AGA E





			45	75	100	102	111
	40.720.063	Pre-pressure regulator	✓	✓	✓	✓	✓
	40.301.078	Magnetic gas valve for natural gas, to place in gas supply pipe.	✓	✓	✓	✓	✓
	40.301.049	Room/maximum thermostat 0/60°C, to place in drying installation.	✓	✓	✓	✓	✓
	40.745.098	Protection cover for gas unit.	✓	✓			
	40.722.018	Modular regulator: RE-THA-6.				✓	
	40.722.019	Connecting module 0-10 Volt, for connection to an external computer.				✓	


# ACCESSORIES


## MODULATING SYSTEMS





	<b>40.301.018</b>	Control unit MS-20 (1 - 20kg propane), adjusting range 0,4-2 bar, connection 1/4" IN - 3/8" OUT, supply 230V.
	<b>40.301.069</b>	Control unit MS-40 (1 - 40kg propane), adjusting range 0,4-2 bar, connection 1/4" IN - 3/8" OUT, supply 230V.
	<b>40.301.019</b>	Control unit MS-60 (1 - 60kg propane), adjusting range 0,4-2 bar, connection 1/4" IN - 3/8" OUT, supply 230V 3-point control with manual operation

	<b>Gas valve with servo motor MG-60, adjusting range 0,4-2 bar, connection 1/2".</b>	
	<b>40.301.029</b>	MG-60, supply 230V 50/60 Hz, 3-point control with manual operation.
	<b>40.301.055</b>	MG-60, supply 230V 50/60 Hz, 3-point control, pot. meter 5k ohm for feedback.
	<b>40.301.056</b>	MG-60, supply 24V 50/60 Hz, control 0-10 Vdc.
	<b>40.301.052</b>	MG-60, supply 24V 50/60 Hz, 3-point control, pot. meter 1k ohm for feedback.
	<b>40.301.054</b>	MG-60, supply 24V 50/60 Hz, 3-point control.

	<b>Gas valve with servo motor MG-40, adjusting range 0,4-2 bar, connection 1/2".</b>	
	<b>40.301.066</b>	MG-40, supply 230V 50/60 Hz, 3-point control.
	<b>40.301.067</b>	MG-40, supply 24V 50/60 Hz, 3-point control with feedback.
	<b>40.301.072</b>	MG-40, supply 24V 50/60 Hz, 3-point control.
	<b>40.301.054</b>	MG-40, supply 24V 50/60 Hz, control 0-10 Vdc.

	<b>Gas valve with servo motor MG-20, adjusting range 0,4-2 bar, connection 1/4" IN - 3/8" OUT.</b>	
	<b>40.301.058</b>	MG-20, supply 230V 50/60 Hz, 3-point control.
	<b>40.301.064</b>	MG-20, supply 24V 50/60 Hz, control 0-10 Vdc.
	<b>40.301.065</b>	MG-20, supply 24V 50/60 Hz, 3-point control.
	<b>40.301.075</b>	MG-20, supply 24V 50/60 Hz, 3-point control with feedback.
	<b>40.301.077</b>	MG-24, (DVGW approved for Germany) supply 230V 50/60 Hz, 3-point control.

	<b>Fire protection.</b>	
	<b>40.301.045</b>	Fire protection system for crop drying (propane gas), supply 230V.
	<b>40.301.046</b>	Fire protection system for crop drying (propane gas), supply 24V.
	<b>40.301.047</b>	Magnetic gas valve for propane gas, (230V) to place in gas supply pipe, Max. 60 kg/hr.
	<b>40.301.080</b>	Magnetic gas valve for propane gas, (24V) to place in gas supply pipe, Max. 60 kg/hr.
	<b>40.301.049</b>	Room-/maximum thermostat 0-50 °C.
<b>40.301.093</b>	Magnetic gas valve for propane gas, (DVGW approved for Germany) 230 VAC, to place in gas supply pipe (Max. 60kg/hr)	

	<b>Special equipment.</b>	
	<b>40.301.033</b>	Temperature probe PT 100 with 10m cable.
	<b>40.301.063</b>	Temperature probe PTC 1000 with 10m cable.



## VTB

			3000	9000	15/18000
	<b>40.107.270</b>	Warm air transport hose, -40/+140°C, grey. 5m Ø 100mm	✓		
	<b>40.107.275</b>	Warm air transport hose, -40/+140°C, grey. 5m Ø 120mm		✓	
	<b>40.107.071</b>	Warm air transport hose, -40/+140°C, grey. 5m Ø 150mm			✓

## PROHEAT



			18
	40.228.405	RT1, room thermostat -10/+40°C with 5m cable and plug.	✓
	40.228.410	RT2, room thermostat -10/+40°C with 10m cable and plug	✓
	40.228.420	RT3, room thermostat -10/+40°C with 20m cable and plug	✓
	40.202.140	Extension cable 10m	✓
	40.223.400	Fault detector GSM room temperature monitoring, no connections needed.	✓

## CH



			3	12	18
	40.107.098	Thermostat with 2,60m cable.		✓	✓
	40.223.400	Fault detector GSM room temperature monitoring, no connections needed.		✓	✓

## COOLMOBILE C / CR



			C 8	CR 17 m	CR 17 s	CR 34
	40.202.140	Extension cable thermostat 10m, with plug.	✓	✓	✓	✓
	40.223.400	Fault detector GSM room temperature monitoring, no connections needed.	✓	✓	✓	✓
	40.228.510	Coolmobile thermostat -10/+40°C with 10m cable.		✓	✓	✓
	56.017.300	Warm air transport hose -30/+100°C, white 3,5m Ø 300mm	✓			
	56.017.500	Warm air transport hose -30/+100°C, white 3,5m Ø 500mm		✓	✓	✓
	41.000.300	Hose connection bend 45° Ø 300mm	✓			
	41.000.500	Hose connection bend 45° Ø 500mm		✓	✓	✓

## COOLMOBILE 21 / 25



			21/25
	56.016.046	Hot air outlet cone.	✓
	56.016.048	Hot air transport hose 5m.	✓
	56.016.044	Cold air transport hose 3m.	✓
	56.016.045	Cold air transport flange.	✓

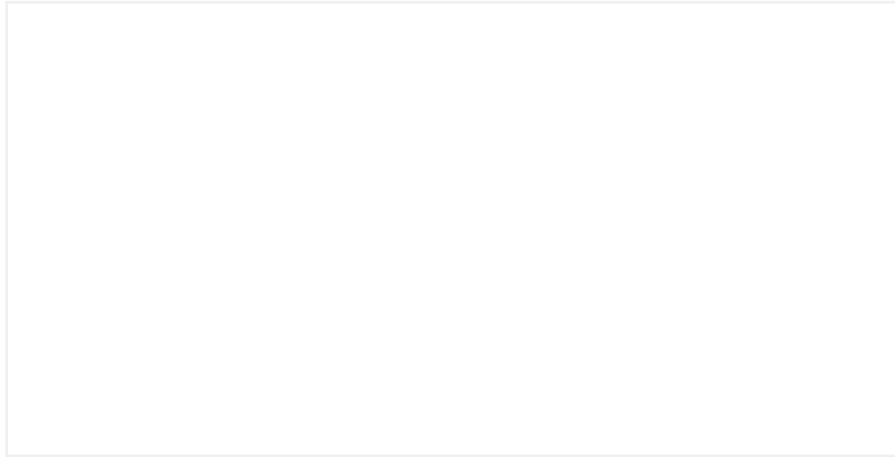
## COOLMOBILE 220



			21/25
	56.220.005	Connection line 5m.	✓
	56.220.010	Connection line 10m.	✓
	56.220.020	Connection line 20m.	✓
	56.220.030	Connection line 30m.	✓







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