



KABOLA ALWAYS A WARM WELCOME

KABOLA HEATING SYSTEMS

Clean, economical and quiet on-board central-heating systems

Kabola, a manufacturer of oil-fired and hybrid central-heating boilers, is a household name in the shipping industry.

We develop central-heating systems in-house.

Also public- and horse transport, the mobile leisure market, as well as locations in remote areas have experienced the advantages of the trustfull Kabola heating systems.

Quality

Our continual development and improvement process guarantees Kabola's high quality.

Customisation

Kabola offers quality customised central-heating boilers. Based on the preferences of the client and the requirements of the ship, we create practical solutions and specific applications.

Sustainability and comfort

Sustainability and comfort are Kabola's spearheads. The clean, quiet and economical systems are fully automatic, ensuring optimal user-friendliness.

Service

An international network of specialists and fitters guarantees excellent service, making Kabola Heating Systems a safe and reliable choice.



Smart technology

On-board heating is becoming an increasingly important issue. Boat owners want maximum comfort and luxury. Blue-flame burners ensure constantly cleaner emissions for diesel-fired central-heating boilers.

For the Kabola KB-Series "Ecoline", this resulted in 0% soot emission.

Smart technology, such as an FG switch to turn off the hot water, saves Kabola users hundreds of euros every year. New intelligent GSM thermostats increase the level of user-friendliness. You don't need to be on board to regulate the temperature.

Capacity is key

We already offer a high-quality heating system for 7-metres ships and above.

To realise an optimal system and select an appropriate boiler, it is important to calculate the capacity. The amount of hot water required also plays an important role in determining the right boiler.

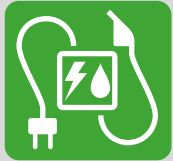
Minimum costs, maximum comfort

Kabolas are used for both recreational yachting and professional shipping.

The high quality of all Kabolas makes them suitable for continual usage. Fuel economy is one of the main reasons to choose a Kabola boiler. Kabola is famous for its long lifespan (15 years on average) and all systems are low maintenance. A clean and well adjusted burner ensures reduced pollution whilst maintaining the same high efficiency.

If you're looking to make a good investment, then you can't do better than a central-heating system that will give you a warm feeling for years on end!





KB ECOLINE HYBRID: OIL & ELECTRICITY POWERED

Benefits of the most energy-efficient and economical **Kabola KB Ecoline HYBRID**:

On the touchscreen of this hybrid system you can select the function you want:

1: INDIVIDUAL OPERATION

ELECTRIC SYSTEM OR DIESEL FIRED SYSTEM

- System frost resistance (electrical)
- Preheating up to 10°C (electrical)
- Start/stop-system (circulation pump and electric element stop automatically when desired temp. is reached)
- As a result -> less power consumption
- Normal heating of the system (oil-fired)
- Choose on panel for only electric system (frost free).
Burner is turned off

2: FULL AUTOMATIC HYBRID

- Fast warm-up time because of the electric pre-heating
- Economical power consumption and oil use
- Start/stop-system
- Very environmentally friendly
- Prolonging lifespan by cooperation
- Reduces CO2 emissions
- Applicable only on KB models
- Choose on panel for full system. Burner will be turned on



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Why choose the KABOLA KB ECOLINE HYBRID?

- Oil and electricity powered
- Fully automatic or manual control
- Low co2 emission
- Up to 30% less energy consumption
- Up to 15% fuel savings
- 94% efficiency
- 100% soot-free
- Environmentally friendly
- Earn back your investment in 3 years!
- TÜV certification



Benefits of all Kabola KB Ecoline models:

1. Low-temperature exhaust gas

The KB Ecoline uses Blue Efficiency® technology (blue-flame technology) and has a very high core temperature of at least 1450°C. In comparison, yellow-flame burners produce temperatures of around 800°C. The optimised design of the boilers in the KB series enables exhaust-gas temperatures of under 220°C, much less than yellow-flame burners. The high efficiency ensures optimal heat utilisation.

2. 100% soot-free

The KB Ecoline is 100% soot-free thanks to the complete combustion achieved by the blue-flame technology. In addition, usage is permitted in boat houses, 'clean' cities and harbours (no restrictions in environmental zones!)

Lower maintenance costs as the boiler remains clean inside.

The components are also easy to replace.

3. 94% efficiency with low fuel consumption

Thanks to the sustainable Blue Efficiency® technology in combination with the fully soot-free combustion, the KB Ecoline achieves continual efficiency of 94%, which permanently guarantees the efficiency of the boiler. As a result, it uses less fuel.

The KB Ecoline saves you between 200 and 500 litres of diesel oil per year.

4. 30% reduction in electricity consumption

On boats, the goal is to use as little energy as possible, both on board and ashore. The blue-flame technology works with a dual-block system, which means that the air and oil intake is powered by separate motors.

Due to the reduced electricity consumption, the battery also has a longer lifespan.

5. Less noise

The Blue Efficiency® burners are extremely quiet. They have been specially optimised to reduce the noise levels of the boiler itself. The solid aluminium casing helps to further reduce noise emissions. The boiler's speciality is the burner's silent start.

6. External fresh-air intake

The possibility of an external fresh-air intake in combination with a direct connection to the burner enables safe installation of the KB Ecoline in the engine room next to other air consumers.

Air-pressure fluctuations caused by engines, generators etc. have no effect on the KB Ecoline's burning process.

7. Small dimensions, large capacity

The KB Ecoline has a large capacity and extremely small dimensions. For example, it has small chimney dimensions (from around 50mm) that enables reuse.



KABOLA KB ECOLINE ELECTRIC ELEMENT

Manually operated hybrid system runs two options:

1: MANUAL SETTING ELECTRIC OR DIESEL

- System frost resistance (electric)
Burner is turned off
- Preheating up to 10°C (electric)
- Normal heating of the system (oil-fired)
- Only Diesel when not much power

2: ELECTRIC SYSTEM AND DIESEL COOPERATING

- Fast warm-up time
- Reduces Co2 emissions

KABOLA KB ECOLINE SERIES

Capacity
Available as central-heating boiler
Available with calorifier control
Available as a combi boiler
Dimensions
Smallest (H/W/D)
Largest (H/W/D)
Voltage
Fuel
Efficiency
Soot emission

SPECIFICATIONS

8 - 70kW
REGULAR
CALORIFIER
COMBI
Available in a variety of dimensions
435 x 455 x 520mm* (KB 20)
570 x 580 x 740mm* (KB 75 combi)
230 volts
Diesel
94%
0%

*Dimensions include fitted central-heating pump and oil burner.

Electric element
Position 1 -> 1000W
Position 2 -> 2000W
Position 3 -> 3000W
Position 0 -> Rest



"No soot emissions, lower fuel consumption
and lower electricity consumption.

The KB EcoLine is an extremely sustainable
investment!"

In order to assemble an optimal heating system and select an appropriate boiler, it is important to calculate the exact capacity. The capacity is determined by the volume of the spaces or cabins on board, applied insulation and the user's preferences. The sailing season and / or the operation area are as important equally. Contact a Kabola specialist to ensure optimal advice.

If you are interested in our boilers or would like more
information, feel free to contact us at:

Kabola Heating Systems
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info@kabola.nl
www.kabola.nl



*Clean, quiet
and powerful*



KABOLA KB ECOLINE SERIES



The KB Ecoline uses Blue Efficiency® technology (blue-flame technology) and has a very high core temperature of at least 1450°C. In comparison, yellow-flame burners produce temperatures of around 800°C. The optimised design of the boilers in the KB series enables exhaust-gas temperatures of under 220°C, much less than yellow-flame burners. The high efficiency ensures optimal heat utilisation.

The KB Ecoline is 100% soot-free thanks to the complete combustion achieved by the blue-flame technology. In addition, usage is permitted in boat houses, 'clean' cities and harbours (no restrictions in environmental zones!)

Lower maintenance costs as the boiler remains clean inside. The components are also easy to replace. The KB Ecoline achieves continual efficiency of 94%, which permanently guarantees the efficiency of the boiler. So it uses less fuel and saves you between 200 and 500 litres of diesel oil per year.

KABOLA KB ECOLINE SERIES

	SPECIFICATIONS
Capacity	8 - 70kW
Available as central-heating boiler	REGULAR
Available with calorifier control	CALORIFIER
Available as a combi boiler	COMBI
Dimensions	Available in a variety of dimensions
Smallest (H/W/D)	435 x 455 x 520mm* (KB 20)
Largest (H/W/D)	570 x 580 x 740mm* (KB 75 combi)
Voltage	230 volts
Fuel	Diesel
Efficiency	94%
Soot emission	0%

*Dimensions include fitted central-heating pump and oil burner.

"The most energy-efficient and economical."



KABOLA HR SERIES



The Kabola HR series consists of reliable oil-fired boilers providing 10, 14 and 20kW. The HR series is available as a central-heating boiler, with a calorifier control, or as a combi boiler.

Its broad applicability and whisper-quiet, fully automatic operation makes this boiler suitable for the vast majority of sailing and motor yachts. The HR series is particularly used for long-term or permanent habitation on board. The HR series can heat a central-heating system with radiators, underfloor heating, hot-air heating and existing air-conditioning systems.

KABOLA HR SERIES

	SPECIFICATIONS
Capacity	8 - 20kW
Available as central-heating boiler	REGULAR
Available with calorifier control	CALORIFIER
Available as a combi boiler	COMBI
Dimensions	Available in a variety of dimensions
Smallest (H/W/D)	435 x 445 x 580mm* (HR 300)
Largest (H/W/D)	500 x 500 x 660mm* (HR 500 combi)
Voltage	230 volts
Fuel	Diesel
Efficiency	90%

*Dimensions include fitted central-heating pump and oil burner.

"Always the right temperature."

KABOLA COMPACT 7 SERIES



The Kabola COMPACT 7 is the smallest diesel-fired boiler in the world that provides 7kW. The COMPACT 7 is available as a central-heating boiler, with a calorifier control, or as a combi boiler. Thanks to its small dimensions and its whisper-quiet, fully automatic operation, this boiler is suitable for small or large sailing boats, motor yachts, holiday homes and camper vans. It is suitable for permanent habitation and even for provision of hot tap water. It is ideal for central heating with radiators and/or combined with Kabola hot-air heating. It is extremely efficient, quiet and powerful.

KABOLA COMPACT 7 SERIES

	SPECIFICATIONS
Capacity	7kW
Available as central-heating boiler	REGULAR
Available with calorifier control	CALORIFIER
Available as a combi boiler	COMBI
Dimensions (H/W/D)	340 x 330 x 570mm*
Dimensions of combi boiler (H/W/D)	445 x 330 x 620mm*
Voltage	230 volts
Fuel	Diesel
Efficiency	>90%

*Dimensions include fitted central-heating pump and oil burner.

"The smallest diesel-fired central-heating boiler in the world."

KABOLA B SERIES



The Kabola B series consists of oil-fired boilers that provide 29 to 116kW. The B series is available as a central-heating boiler, a combi boiler, and on request, it is also available with a calorifier control. Naturally, the B series can also be connected to a central-heating system, hot-air-heating system, air-conditioning system and an underfloor-heating system. For use on everything from commercial ships to industrial applications.

KABOLA B SERIES

	SPECIFICATIONS
Capacity	29 - 116kW
Available as central-heating boiler	REGULAR
Available with calorifier control	CALORIFIER (on request)
Available as a combi boiler	COMBI
Dimensions	Available in a variety of dimensions
Smallest (H/W/D)	970 x 455 x 388mm*
Largest (H/W/D)	1165 x 488 x 1050mm* (B100 combi)
Voltage	230 volts
Fuel	Diesel
Efficiency	90%

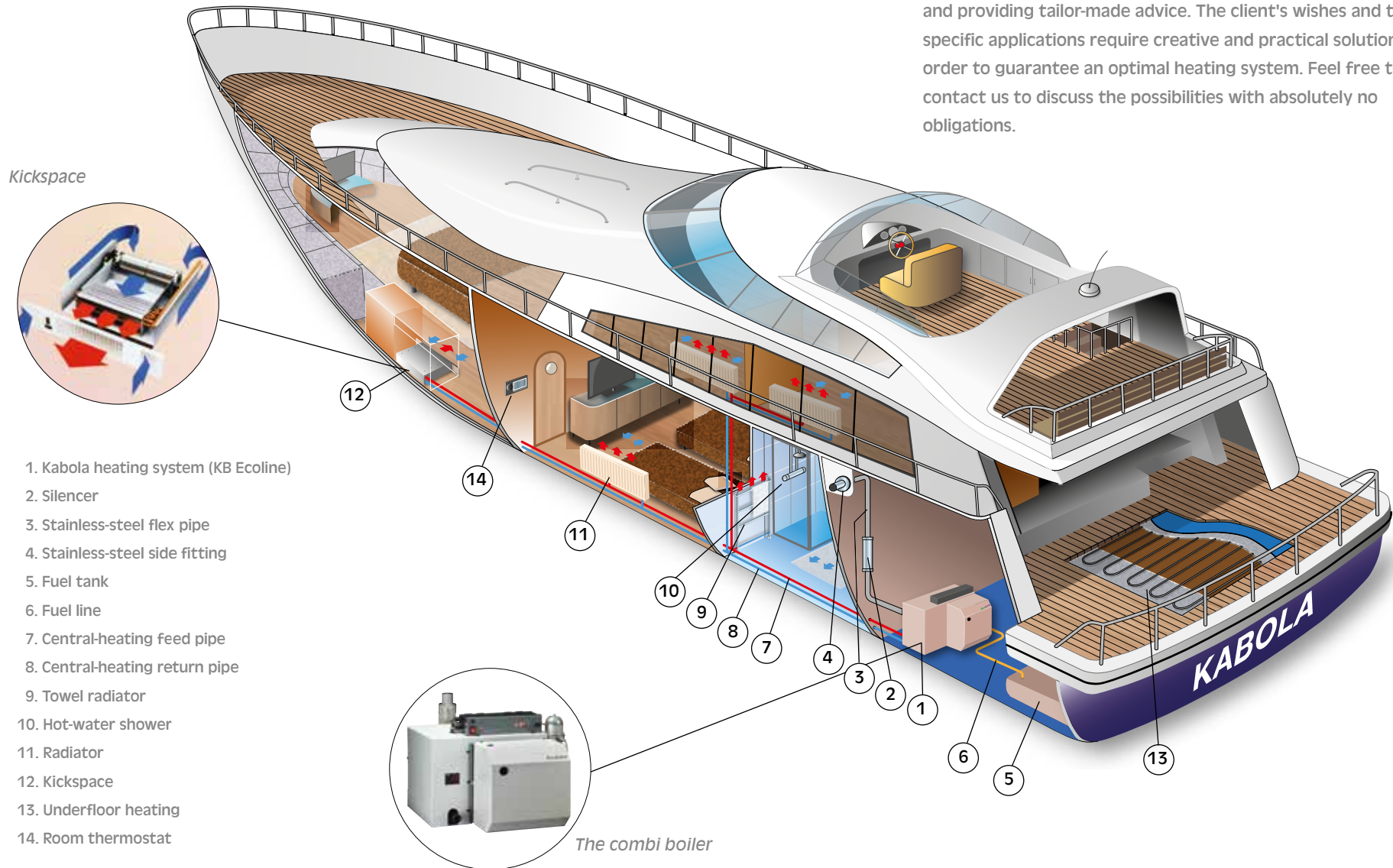
*Dimensions include fitted central-heating pump and oil burner.

"Strong, sustainable and suitable for serious work."

INSTALLATION OF A COMBI CENTRAL-HEATING BOILER

Tailor-made advice

To us, customisation is about thinking together with the client and providing tailor-made advice. The client's wishes and the specific applications require creative and practical solutions in order to guarantee an optimal heating system. Feel free to contact us to discuss the possibilities with absolutely no obligations.

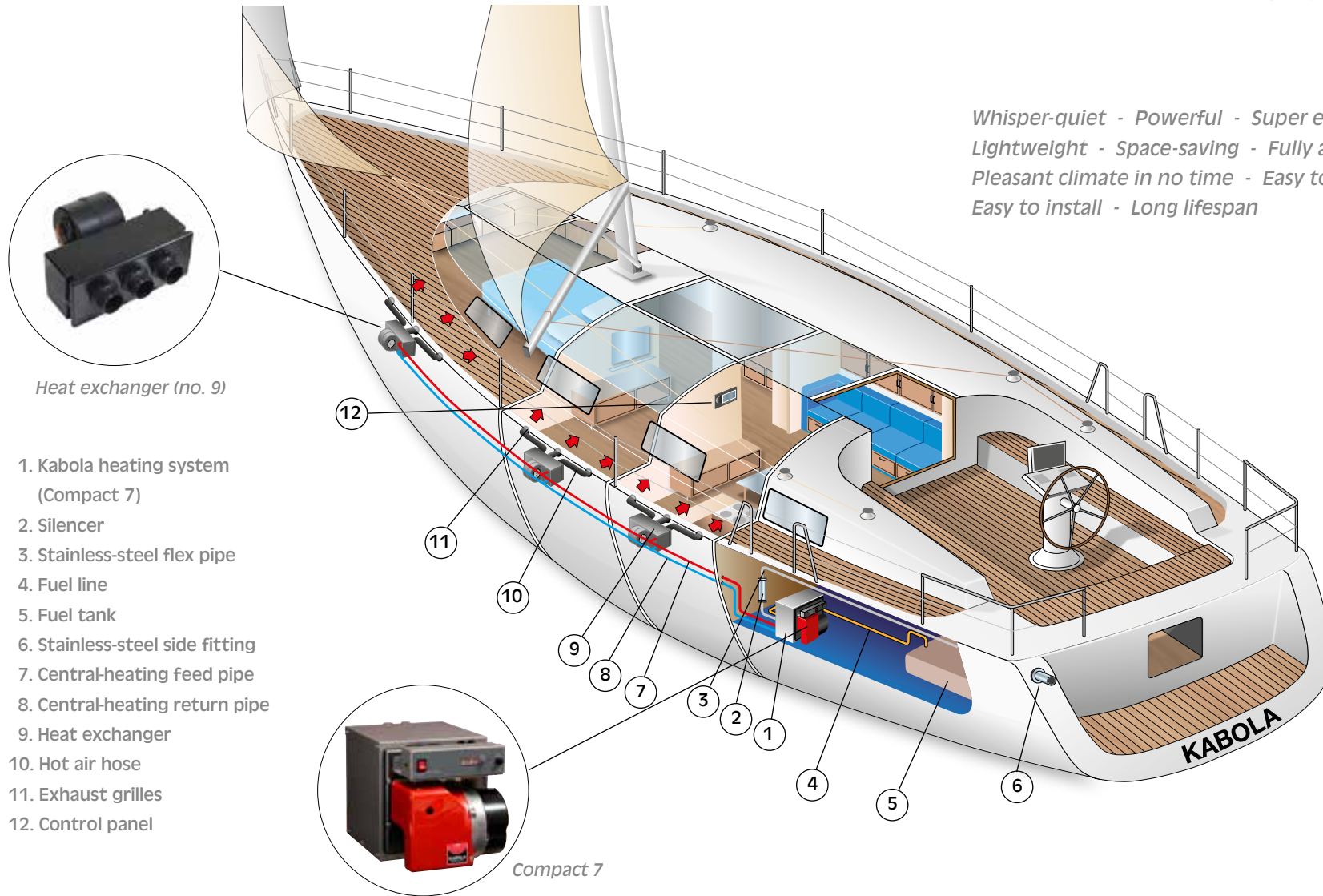




INSTALLATION OF A HOT-AIR HEATING SYSTEM

Kabola has developed a system that doesn't require radiators but provides heating via hot air. In addition to the simple and space-saving installation options, our system is unique as it can be combined with radiators. As a result, you can select the most suitable solution for every single room!

*Whisper-quiet - Powerful - Super efficient
Lightweight - Space-saving - Fully automatic
Pleasant climate in no time - Easy to use
Easy to install - Long lifespan*



- 1. Kabola heating system (Compact 7)
- 2. Silencer
- 3. Stainless-steel flex pipe
- 4. Fuel line
- 5. Fuel tank
- 6. Stainless-steel side fitting
- 7. Central-heating feed pipe
- 8. Central-heating return pipe
- 9. Heat exchanger
- 10. Hot air hose
- 11. Exhaust grilles
- 12. Control panel

TECHNICAL INFORMATION AND COMPONENTS

Our system is composed in a unique way, which makes it efficient and take up very little space. By using one or more hot-air heaters, it is no longer necessary to run large, long air tubes from the boiler to the outlet point. This provides easy and fast installation, as well as a longer operational lifespan.

The hot-air heating system is linked to the Kabola boiler with fluid hoses, which also makes it possible to combine the system with radiators. In addition, the system consists of the control panel, the air heater(s) and the air outlet points. Our hot-air heating system is perfectly suited for continuous use.

Extend your sailing season with Kabola!



Air heater



Control panel
Article no. 62-004

Technical details	4kW	6kW
Article no. of 12V hot-air heater	62-016	62-018
Article no. of 24V hot-air heater	62-002	62-003
Heating power	4 kW	6 kW
Air-output capacity	180 m ³ /h	490 m ³ /h
Power consumption of fan 12V/24V	2,5 A / 1,5 A	4 A / 3 A
Water-line connector	15 mm	15 mm
Weight	1.9 kg	2.1 kg
Dimensions of fan motor	125 mm (H)	165 mm (H)
Dimensions of air box	110 x 260 x 210 mm (HxWxD)	110 x 260 x 210 mm (HxWxD)

Nozzle outlets

The various possible connectors are easy to install.

They also prevent the air tubes from excessive bending to sharp angles, in order to connect them to the nozzle outlet.

*Advised saw diameter between 75.9 and 76.8mm.
Preferably use a 76mm hole saw.*



straight connector
62-006



45° connector
62-007



90° connector
62-008

Article no.	Description	Tube diameter	Tube length
62-020	Insulation Tube roll 10m	45 mm	10 metres
62-021	Insulation Tube roll 20m	45 mm	20 metres
62-022	Insulation Tube roll 30m	45 mm	30 metres



Whisper-quiet
Powerful
Super efficient
Lightweight
Space-saving
Fully automatic
Pleasant climate
in no time
Easy to use
Easy to install
Long lifespan
Continuous usage

Kabola offers tailor-made solutions for all applications!



Motorhomes or Campers



Catamarans or Trimarans



Fishing boats



Pilot boats



Sailboats



Yachts



Horse trucks



Tug boats



Houseboats



Lighthouses



Dutch barge



Chalets and caravans

Whether you are a professional transporter or for recreational use, a pleasant indoor climate is an important condition for on-board an inhouse comfort.

Kabola Heating Systems has been a household name in the shipping industry for more than half a century. Kabola's heating systems, developed fully in-house, are the epitome of high quality and sustainability. In addition, efficient production planning and effective stock management enables rapid delivery, usually from stock.

More information or tailor-made advice?
Feel free to call us +31 (0)347 320 030.

www.kabola.nl

KABOLA ON-BOARD HEATING SYSTEMS

- Modern oil-fired and hybrid boilers
- Hot water (combi boiler or via calorifier control)
- For sailing boats and motor yachts
- Motorhomes and horse trucks
- Caravans and (remote) chalets
- Continual usage
- Top quality and saves on costs
- Sustainable and with low emissions
- Quiet and economical operation

**"Our central-heating boilers are perfectly suited for continual use.
Extend your sailing season with Kabola!"**



KABOLA HEATING SYSTEMS B.V.

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HOT-AIR HEATING

UNDERFLOOR HEATING

HOT WATER

AIR CONDITIONING

HYBRID SYSTEMS

WWW.KABOLA.NL

KABOLA DEALERS (INTERNATIONAL)

MarineTec US, Anacortes, WA
Kuranda, Whaley Bridge
Marine Works, Gdansk
Standarte, Moscow
Thermoprodukter BS AB, Kalmar
Johs Thornam, Alburtsland
Farco AS, Oslo
Nautikulma Oy, Turku
Groothandel Francois, Antwerp
PK Fluvial, Paris
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Stal Elektronik, Sveta Nedelja
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Condaria '87, Nova Milanese
Scheer, Wöhrden

Shanghai Ocean AC Techn. Co Ltd.
Kabola á Íslandi ehf, Gardabaer
Sea Power Marine Centre Ltd, Sidney

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France
Estonia
Slovenia
Croatia
Turkey
Italy
Germany, Switzerland
and Austria
China
Iceland
Canada

For an up-to-date list of dealers, visit our website.

In addition to Kabola's own sales and customer-service team, Kabola also works together with many certified installation and maintenance professionals.

For an up-to-date overview of these professionals, visit our website.

