



KB ECOLINE

The Kabola KB Series Ecoline are a range of fully automatic, soot-free, oil-fired 8-100 kW heating systems. KB Ecoline system can be supplied as central heating as calorifier and as combi. The highly efficient blue flame technology ensures that there is no soot emission, less fuel consumption and a lower power

consumption. The KB Series can be coupled to the central heating, hot air, floor heating and even an air conditioning system. It is a low maintenance system, thanks to its soot-free operation.

KABOLA KB ECOLINE: HIGHLY EFFICIENT AND ENERGY EFFICIENT



Kabola KB-Series Ecoline

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Kabola KB-Series Ecoline

CALORIFIER



Kabola KB-Series Ecoline

COMBI

SPECIFICATIONS	KB20	KB20	KB20	KB40	KB40	KB40	KB45	KB45	KB45	KB50	KB50	KB50	KB75	KB75	KB75	KB80	KB80	KB80	KB100
	ch	boiler	combi	ch	boiler	combi	ch	boiler	combi	ch	boiler	combi	ch	boiler	combi	ch	boiler	combi	ch
Capacity (in kW)	8	8	8	13	13	13	24	24	24	28	28	28	38	38	38	55-70	55-70	55-70	100
width installation size (mm)*	455	485	490	470	500	515	505	505	515	470	505	520	570	570	580	603	603	603	741
Depth installation size (mm)*	520	520	520	655	655	655	675	675	675	735	735	735	740	740	740	1133	1133	1133	1300
Height installation size (mm)*	435	435	435	450	450	450	475	475	475	475	475	475	570	570	570	739	739	739	802
CH connection (mm)	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
Drinking water connection (mm)	-	15	15	-	15	15	-	15	15	-	15	15	-	15	15	-	15	15	-
Oil connection (internal thread)	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Flue gas (diameter in mm)	50	50	50	50	50	50	50	50	50	80	80	80	80	80	80	100/108	100/108	100/108	100/130
Dashboard	digital	digital	digital	digital	digital	digital	digital	digital	digital	digital	digital	digital	digital	digital	digital	digital	digital	digital	digital
Energy efficient circulation pump	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pump timer	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Siemens room thermostat	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hot water on/off	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Oil filter Flocotop	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oil filter Toc 80	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Oil filter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
External air intake	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fill and drain combination	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Voltage (A.C.)	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230
Tap water 60° (p.m. in ltrs)	-	-	3	-	-	4,5	-	-	6,5	-	-	8,5	-	-	11	-	-	28	-
Weight (kg)	65	62	70	75	77	80	80	82	85	90	92	95	115	117	120	195	195	195	195
Efficiency %	92	92	92	93	93	93	93	93	93	94	94	94	94	94	94	95	95	95	95
Water content boiler (litres)	8,5	8,5	8,5	17,5	17,5	17,5	20	20	20	23	23	23	37	37	37	120	120	120	120
Fuel	diesel or GTL	diesel or GTL	diesel or GTL	diesel	diesel or GTL	diesel or GTL	diesel or GTL	diesel or GTL	diesel or GTL	diesel or GTL	diesel or GTL	diesel or GTL	diesel or GTL	diesel or GTL	diesel or GTL	diesel or GTL	diesel or GTL	diesel or GTL	diesel or GTL
Fuel consumption L/h	0,69	0,69	0,69	1,27	1,27	1,27	2,35	2,35	2,35	2,75	2,75	2,75	3,73	3,73	3,73	6,87	6,87	6,87	9,81
Flue gas temperature °C	170-220	170-220	170-220	150-210	150-210	150-210	145-205	145-205	145-205	145-200	145-200	145-200	140-190	140-190	140-190	120-193	120-193	120-193	120-190
Sprayer/Nozzle mm/°	0,18/80	0,18/80	0,18/80	0,25/80	0,25/80	0,25/80	0,40/60	0,40/60	0,40/60	0,50/60	0,50/60	0,50/60	0,65/60	0,65/60	0,65/60	1,25/80	1,25/80	1,25/80	1,75/80S
Start capacity 230V (W)	262	262	262	307	307	307	340	340	340	350	350	350	352	352	352	352	352	352	352
Operational capacity 230V (W)	154	154	154	182	182	182	196	196	196	197	197	197	199	199	199	199	199	199	199

**KB80 and KB100 don't have a TÜV certificate, due to low production amounts. *dimensions include the assembly of central heating pump and oil burner.

- Up to 30% less energy consumption.
- Up to 15% fuel savings.
- 94% efficiency.
- 100% soot-free.
- Environmentally friendly.
- Less noise.
- Large capacity, but small installation size!
- TÜV certified **

Your investment will pay itself back in 3 years!

In order to compose an optimum heating system with accompanying central heating boiler, it is important to calculate the exact capacity. The capacity is determined by the volume of the rooms on board, the ship's insulation values and the user's requirements. The sailing season and the area where the ship will sail are also very important. Make sure you are properly advised by a Kabola specialist!

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