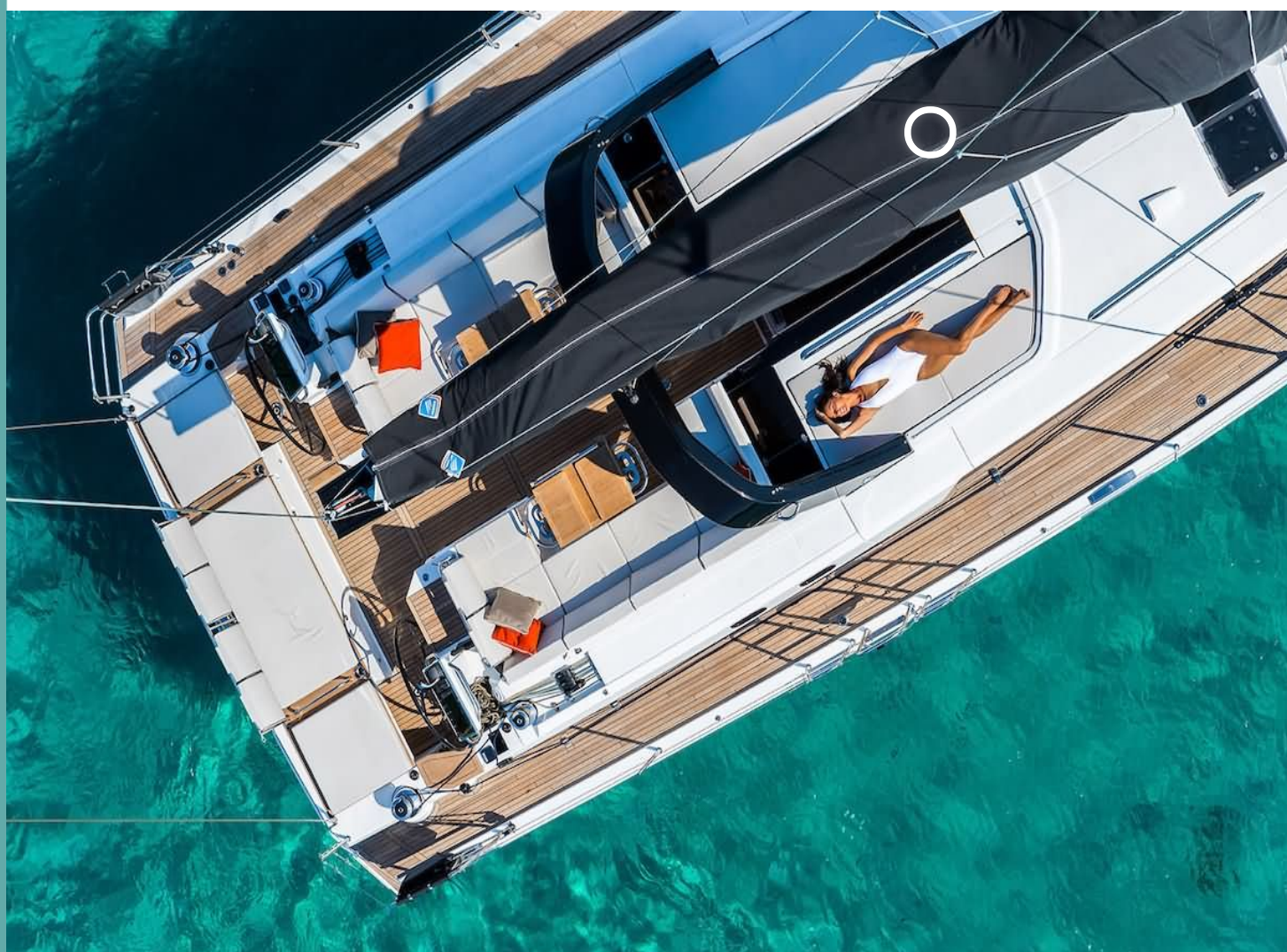


K2 AIR SYSTEMS

— Catalogue 2019 —

Marine Air Conditioning

WWW.K2AIRSYSTEMS.COM



BUILT FOR EXTREME CONDITIONS

K2 Marine Air Conditioning units have been designed and developed to optimise performance for your boat air conditioning needs. We have chosen to meld quality components together to produce high standard Marine Air Conditioners to form our range of Self Contained units, Split Gas Units & DC Air Conditioning system which have been tested in the harshest of conditions. Hence, With our extensive experience we have built a product that is innovated, enhanced, reliable and efficient. We at K2 understand that it is important to provide first class solution to our customer needs from our list of products through to service components, we always produce quick and quality responses. Managing our stock to provide on time deliveries to meet your demands. Our highly trained engineering section oversee the build quality of all our products also providing CAD design to our clients for the installation through technical drawings.



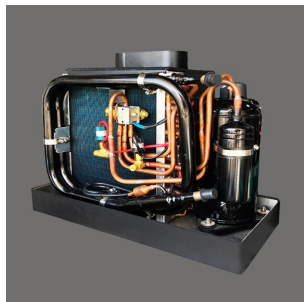


K2-KMSC Series

Self-Contained unit
from 10,000 BTU/h to 30,000 BTU/h

Designed & Manufactured to Middle
East Specifications

Controls Designed & Developed
in the USA



K2 Air System's self-contained air-conditioning units are the perfect solution for boats and yachts with one to four cabins. Self-contained units are very compact, easy to retrofit, efficient and quiet. Choose from K2's full line of self-contained Air Conditioning systems.

Marine Air Conditioning Units Available
in 230V 50Hz, 230V 60Hz, 115V 60Hz

Fitted with anti vibration mounts

B10 Cupronickel sea water condensers

Low Amp draw and quite operation

316 Stainless Steel drain pan

Environmentally safe R410A refrigerant

CE certified product range

Reverse inclined Impeller Blowers

MODEL	BTU, Amps 230 Volt	DIMENSIONS DxLxH
K2KMSC10CK	10000 Btu 3. 3 AMPS	270x460x328
K2KMSC12CK	12000 Btu 4. 1 AMPS	270x460x328
K2KMSC16CK	16000 Btu 4. 8 AMPS	288x550x377
K2KMSC18CK	18000 Btu 5. 4 AMPS	288x550x377
K2KMSC24CK	24000 Btu 8. 3 AMPS	340x620x377
K2KMSC30CK	30000 Btu 12.5 AMPS	340x620x377

The Specifications are subject to change without notice.

HIGH COOLING CAPACITY ENHANCED PERFORMANCE NEAR SILENT OPERATION

K2-KMC Series

Marine Condensing unit from
7000 BTU/h to 48,000 BTU/h

Designed & Manufactured to Middle
East Specifications

Controls Designed & Developed
in the USA



For Boats Up to 24 Meters (80 Feet)

Split air conditioning systems have the condensing unit and air handler installed in different locations.

The condensing unit is mounted in the engine room or other mechanical space.

The air handler (also called the evaporator) is installed in the living area. Two air handlers can connect to one condensing unit.

Available in 230V 50Hz, 230V 60Hz, 115V
60Hz

Single Phase

Base valves for easy installation and
maintenance

Fitted with anti vibration mounts

B10 Cupronickel sea water condensers

Low Amp draw & quite operation

Rust-free Stainless Steel pan

Environmentally safe R410A refrigerant

MODEL	BTU, Amps 230 Volt	DIMENSIONS DxLxH
K2KMC07CK	7000 Btu 4.0 AMPS	250x300x220
K2KMC10CK	10000 Btu 4. 0 AMPS	280x315x220
K2KMC12CK	12000 Btu 4. 5 AMPS	280x220x315
K2KMC16CK	16000 Btu 5. 0 AMPS	330x250x310
K2KMC24CK	24000 Btu 5. 9 AMPS	330x250x365
K2KMC30CK	30000 Btu 13.5 AMPS	330x250x365
K2KMC36CK	36000 Btu 13.5 AMPS	330x250x408
K2KMC48CK	48000 Btu 19.8 AMPS	350x400x500

The Specifications are subject to change without notice.

HIGH COOLING CAPACITY

ANTI VIBRATION

EASY INSTALLATION

K2-KME Series

Marine Evaporator unit from
5000 BTU/h to 36,000 BTU/h

Designed & Manufactured to Middle
East Specifications

Controls Designed & Developed
in the USA



One or more evaporator units in a single or multiple cabins are fitted. 2 no.s of evaporator units are operational with Single Split-Gas system to generate the required cooling capacities individually in each room.

Available in 230V 50Hz, 230V 60Hz, 115V
60Hz

Single Phase

Base valves for easy installation and
maintenance

Fitted with anti vibration mounts

Low Amp draw & quite operation

Rust-free Stainless Steel pan

Low noise scroll blower

MODEL	BTU, Amps 230 Volt	DIMENSIONS DxDxH
K2KME05CK	5000 Btu 0.34 AMPS	277x380x261
K2KME07CK	7000 Btu 0.44 AMPS	277x380x261
K2KME10CK	10000 Btu 0.44 AMPS	318x440x310
K2KME12CK	12000 Btu 0.65 AMPS	318x440x310
K2KME16CK	16000 Btu 0.87 AMPS	346x500x355
K2KME24CK	24000 Btu 1.30 AMPS	373x560x430
K2KME36CK	36000 Btu 1.52 AMPS	426x610x430

The Specifications are subject to change without notice.

HIGH COOLING CAPACITY

ANTI VIBRATION

EASY INSTALLATION

K2-K24 Series

Marine Evaporator unit from
12000 BTU/h to 32,000 BTU/h

Designed & Manufactured to Middle
East Specifications

Controls Designed & Developed
in the USA



The cassette type evaporator unit is an open-ended device because it can be suspended in the ceiling, it does not occupy any space. Moreover, its aesthetically appealing. Therefore, in many commercial boats space is a concern and the K2-4 Series is the preferred choice by many. 2 no.s of evaporator units are operational with Single Split-Gas system unit to generate the required cooling capacities individually in each room.

Available in 230V 50Hz, 230V 60Hz, 115V
60Hz

Single Phase

Mounts for easy installation

Fitted with anti vibration mounts

Low Amp draw

Quite operation

Aesthetically appealing design

Low noise scroll blower

MODEL	BTU, Amps 230 Volt	DIMENSIONS DxLxH
K2-85K2-4	12000 Btu 0.34 AMPS	705x705x290
K2-102K2-4	18000 Btu 0.44 AMPS	705x705x290
K2-136K2-4	30000 Btu 0.44 AMPS	705x705x290
K2-170K2-4	32000 Btu 0.65 AMPS	832x832x290

The Specifications are subject to change without notice.

LESS SPACE REQUIRED

MARINE STANDARD

EASY INSTALLATION

K2-KKSC Series

DC Air Conditioning Units
from 5,000 BTU/h to 12,000 BTU/h

Designed & Manufactured to Middle
East Specifications

Controls Designed & Developed
in the USA



Ideal for small boats with a cuddy cabin. The KKSC Series can be operated with batteries or at the dockside with a battery charger. The range varies from 5000 Btu all the way up to 12000 Btu with very low Amp consumption.

DC marine Air Conditioning Units
Available in 12V, 24V, 48V

Fitted with anti vibration mounts

B10 Cupronickel sea water condensers

Low Amp draw and quite operation

Rust-free Stainless Steel drain pan

Environmentally safe R410A refrigerant

CE certified product range

Reverse inclined Impeller Blowers

Copeland and Toshiba compressors

MODEL	BTU	VOLTS	AMP
K2KKSC0512V	5000 Btu	12 V	37 Amp
K2KKSC0824V	8000 Btu	24 V	25 Amp
K2KKSC0848V	8000 Btu	48 V	14 Amp
K2KKSC1248V	12000 Btu	48 V	31 Amp

The Specifications are subject to change without notice.

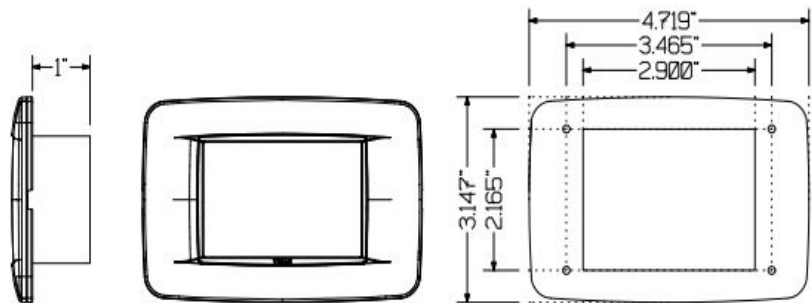
ENHANCED PERFORMANCE

HIGH AIR FLOW

NO GENERATOR REQUIRED

Digital Controls

Controls Designed & Developed
in the USA



User-friendly and intuitive 2.5"
touch screen display requires no
manual for basic operation

Provides all operational features
and modes of any cabin control
in the marine industry

Built-in inside temperature
sensor

24/7 Humidity Monitoring Keeps
Your Boat Dry

LCD technology

CE certified product range

EASY TO OPERATE

LCD TOUCH SCREEN

BUILT IN TEMP SENSOR

EasyStart

Advanced Soft Starter

Controls Designed & Developed
in the USA



EasyStart is a one-of-a-kind, custom-developed soft starter for single-phase motors. It employs a 4-part start ramp sequence that is self-optimizing, resulting in the lowest possible start-up current. EasyStart can deliver 65-75% start current reduction as compared to a compressor's LRA (locked-rotor amperage). EasyStart is the perfect solution that allows an air conditioner or refrigeration compressor to operate on a generator, inverter, or limited utility power when it would otherwise not have functioned. It can also be applied to air compressor and fluid pump motors.

Available in 230V - 115V

Compressor Protection Feature

Start Your A/C Without Buying A Second
or Bigger Generator or Inverter

Run 2 air Conditioners On A 30-Amp
Cord

Sleep, with less noise, And Cool All
Through The Night

Run Your A/C with more Appliances At
The Same Time

The EasyStart is capable of supporting up
to a 72000 BTU (5 ton) compressor.

It includes a fully-weatherproof (IP65),
flameproof, plastic enclosure with an
integrated mounting flange and a 40"
(1m) wire harness.

CE certified product range

Specialized models exist for various
applications.

LIMITED POWER SOURCE REQUIRED

FROM 13000 UP TO 72000 BTU

Sea Water Pumps

Pumps for liquid salt water



K2 PUMP

TYPE: MAGNETIC

MODEL	MAX FLOW RATE	MAX HEAD	BTUS
K2-20CK	32 LPM	4.3 M	*24000
K2-30CK	38 LPM	5.4 M	*30000
K2-40CK	45 LPM	4.6 M	*36000
K2-55CK	60 LPM	5.6 M	*48000
K2-70CK	86 LPM	6.7 M	*70000
K2-100CK	120 LPM	8.6 M	*96000



TF MARINE

TYPE: BRONZE

MODEL	MAX FLOW RATE	MAX HEAD	BTUS
TC 16	38 LPM	5.0 M	*30000
TC 20	75 LPM	13.0 M	*54000
TC 22	105 LPM	20.0 M	*78000
TC 41	250 LPM	19.0 M	*186000



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