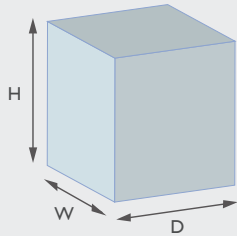


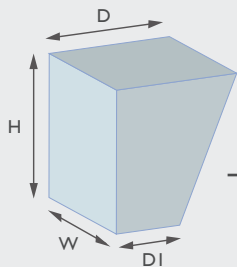


CHOOSE YOUR SYSTEM THEN BUILD YOUR KIT

START BY CALCULATING THE VOLUME OF YOUR FRIDGE OR FREEZER

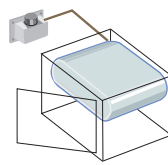


$$\text{VOLUME} = \frac{D \times W \times H}{1000}$$

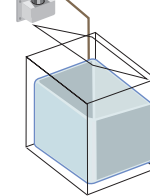


$$\text{VOLUME} = \frac{(D + DI \div 2) \times W \times H}{1000}$$

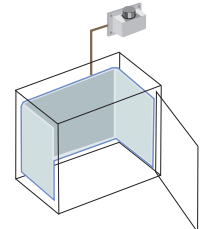
THEN CHOOSE THE TYPE OF EVAPORATOR THAT BEST SUITS YOUR FRIDGE OR FREEZER BOX



SERIES H
Ideal for fridges with freezer compartments



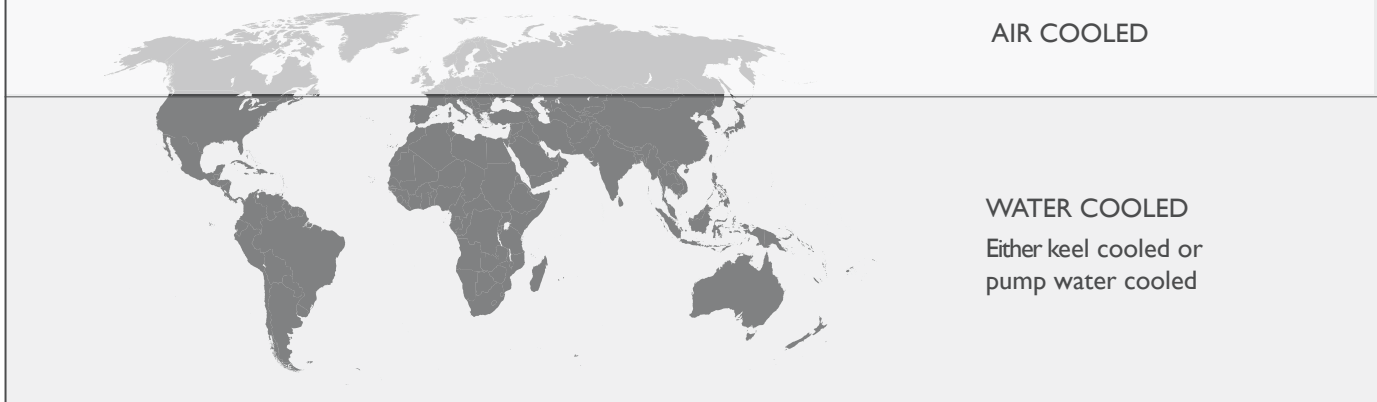
SERIES B
Ideal for fridges with freezer compartments or as a dedicated freezer



SERIES F
Ideal for top loading fridges or freezers



FINALLY, SELECT YOUR CONDENSING SET ACCORDING TO WHERE IN THE WORLD YOU PLAN TO SAIL AND SELECT THE CORRECT CAPACITY.



AIR COOLED

WATER COOLED

Either keel cooled or pump water cooled

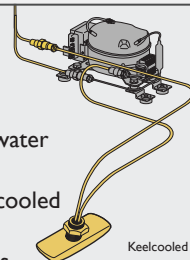
CONDENSING SET SELECTION EXPLAINED

WATER COOLED

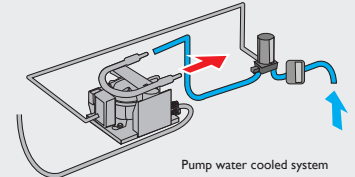
A pump water cooled system is more efficient than an air cooled one because water dissipates heat far better than air.

A keel cooled system is more efficient, reliable and quieter than a pump water cooled system as the only moving part required is the compressor.

Choose water cooling if you are planning to cruise the Mediterranean or Tropics.



Keelcooled system

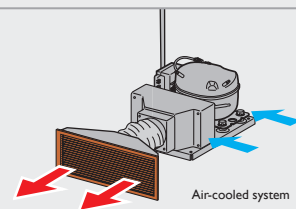


Pump water cooled system

AIR COOLED

An air cooled system is less efficient than a water cooled system but is cheaper to buy and easier to install. To achieve maximum efficiency, the coolest available air source should be fanned across an aluminium fin condenser and the heated air expelled away to a different area.

Choose air cooled for Northern European cruising.



Air-cooled system

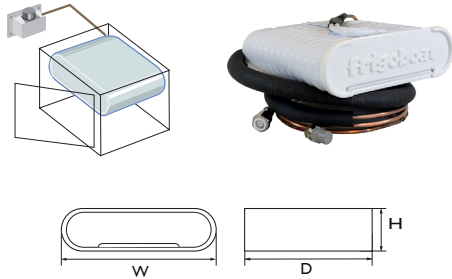
SELECT ONE ITEM FROM EACH SECTION TO MAKE A KIT: ① EVAPORATOR + ② CONDENSING SET + ③ THERMOSTAT + ④ OPTIONAL EXTRAS (* Digital Upgrade)

EVAPORATOR OPTIONS

Evaporator Types

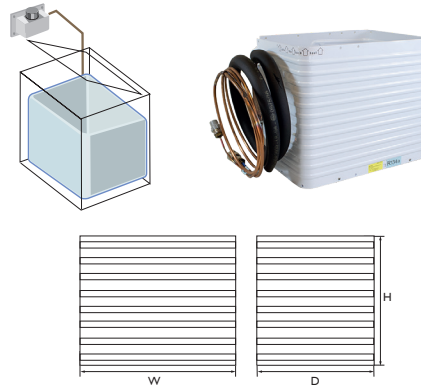
SERIES H

Ideal for installation in cool boxes where a small freezer compartment is required. Can be mounted horizontally or vertically in the top of the ice box.



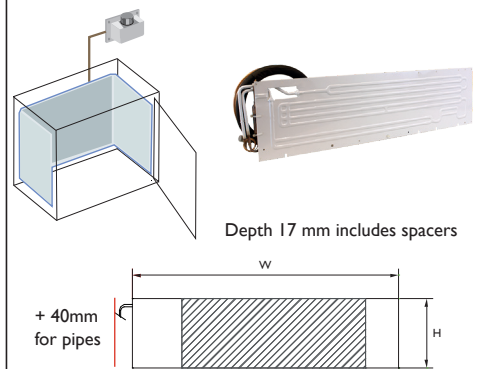
SERIES B

Ideal for larger installations that require a freezer compartment within a fridge.



SERIES F

Ideal for larger fridge installations or maximising freezer space. Evaporators can be bent to shape at no extra cost- contact Penguin to discuss options.



	PART NO.	SERIES	VOLUME MAX FRIDGE	VOLUME MAX FREEZER	WIDTH (mm)	HEIGHT (mm)	DEPTH (mm)	PIPE LENGTH	PRICE BAND
130H	E50065	H	120	50	255	78	210	280cm	A
160H	E50090	H	180	60	320	115	210	280cm	A
200H	E50070	H	200	80	360	150	270	280cm	B
200B	E50100	B	220	100	325	245	270	280cm	B
250B	E51625	B	250	100	250	160	285	280cm	B
340B	E50105	B	340	100	380	150	290	280cm	B
80F	E50883	F	80	N/A	350	250	17	200cm	A
130F	E50085	F	160	60	590	210	17	280cm	A
160F	E50095	F	180	70	805	210	17	280cm	A
200F	E50075	F	300	120	920	270	17	280cm	B
380F	E52225	F	380	120	950	365	17	280cm	B

Air Cooled System

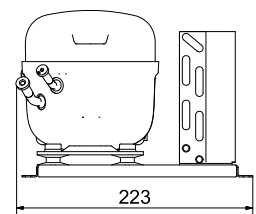
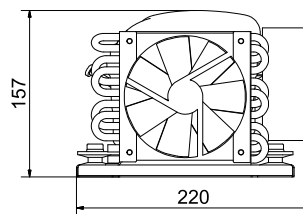
CONDENSING SETS

MILANO A



TECHNICAL DETAILS MILANO A, K & W

Compressor Speed (RPM)	2000	2500	3000	3500
12v Nominal Input (A) (tested by Penguin)	3.5	4	4.5	5
Fridge Max Volume (L)	100	160	200	400
Freezer Max Volume (L)	-	-	60	120
Weight (KG)	6.0			



AIR COOLED STANDARD KIT (* digital upgrade available- see step 3)

PRICE (inc VAT)

Fridge capacity up to 180 litres (Price Band A):

£749.00

Fridge capacity up to 180- 380 litres (Price Band B):

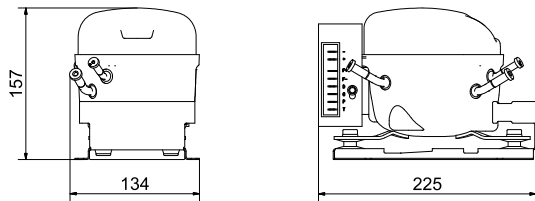
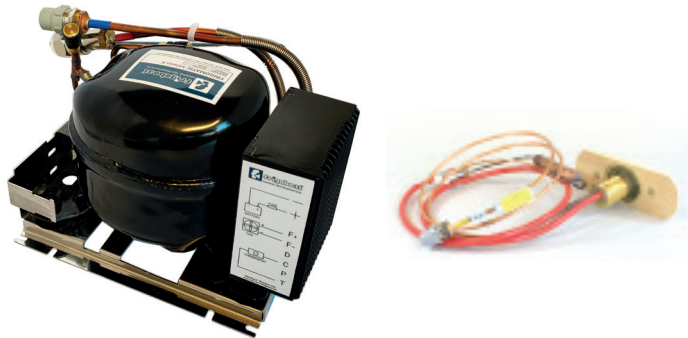
£799.00

2

CONDENSING SETS

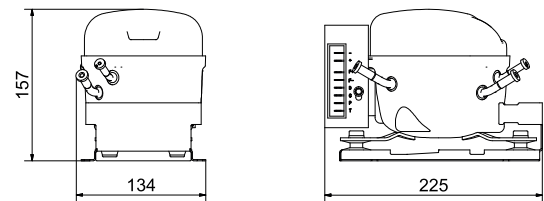
Water Keel Cooled System

MILANO K



Water Pump Cooled System

MILANO W



PUMP OR KEEL WATER COOLED KIT (* digital upgrade available- see step 3)

PRICE (inc VAT)

Fridge capacity up to 180 litres (Price Band A):

£1219.00

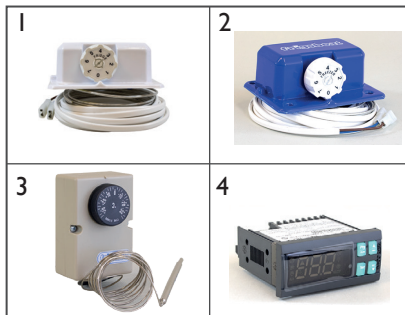
Fridge capacity up to 180- 380 litres (Price Band B):

£1279.00

3

THERMOSTAT

Thermostats- Mechanical and * Digital Upgrade



OPTION	PART NO.	TYPE	APPLICATION	PRICE(inc VAT)
1	E250500	Mechanical	Fridge	Included in kit
2	E250700	Mechanical	Freezer	Included in kit
3	A020300	Mechanical	Fridge/ Freezer	Included in kit

*DIGITAL UPGRADE

4	E52260A	Digital 12/24V	Fridge/ Freezer	Extra £215.00
---	---------	----------------	-----------------	---------------

4

OPTIONAL EXTRAS

Optional Extras

	PART NO.	PRICE (inc VAT)
Spare anode for keel cooler	E51525	£ 6.80
Sea water strainer for water pump	M70665	£ 56.02
Bulkhead mounting bracket for Milano K only	E52135	£ 47.20
Air cooled condenser upgrade for Milano K & W only (pe-charged with couplings)	E53125	£ 283.46

PRE-CHARGED EXTENSION PIPE SETS WITH SELF SEALING COUPLINGS

	PART NO.	PRICE (inc VAT)
1 metre evaporator extension pipe set with self sealing couplings	E50255	£ 160.40
2 metre evaporator extension pipe set with self sealing couplings	E50260	£ 178.00
3 metre evaporator extension pipe set with self sealing couplings	E50265	£ 192.30
4 metre evaporator extension pipe set with self sealing couplings	E50270	£ 208.76
5 metre evaporator extension pipe set with self sealing couplings	E50275	£ 228.50
6 metre evaporator extension pipe set with self sealing couplings	E50280	£ 240.60

