

MIK EUROPE INDUSTRIES



**HOT WATER
HEAT PUMP
REVORB**



www.mytherm.com

**ENERGY RECOVERY, the crucial part of attaining sustainable development goals
and it is the key of energy recycling.**

MIK EUROPE, pioneer in the production of HOT WATER innovates to offer:

- Energy saving
- More reliable functions
- Lower maintenance costs



**We created a new, sustainable model that recovers energy
when recycle all used materials.**



Eco friendly
compressor with R134a Freon.
A stylish one piece unit incorporates a high efficiency top-mounted compressor, friendly to the environment.



Hygiene ANTIMICROBIAL
protection against legionella. REVORB distinguish the water that transmits energy, from the water we use (D.H.W.) and that we often drink. There is a clear separation of the water that is HEATED by the water we USE.



Operation screen
A digital colored touch screen provides helpful functions such as temp setting, timer, safety lock when it offers a wi-fi connection and control by distance.



Low Operating Noise
Operating at a very low level - from 48 dBA. It will, pleasurably, surprise you and your neighbours.



Coils inside tanks
Unique patent which maximize the efficiency and the life time of the unit. Zero corrosion.



Anti freeze protection
REVORB unit, automatically protect the compressor from ice. Nothing can interrupt your quiet days.



Wide Operating Range
Operates in a range of -25°C up to +45°C



Minimize the thermal losses
as they have a strong polyurethane insulation saving money.

HOT WATER HEAT PUMP REVORB



REVORB is an **AIR-WATER** or **WATER-WATER** heat pump which in combination with the unique **MYTHERM** boilers simultaneously produces:

- **INTERIOR COOLING** or **HEATING** and
- **PLENTY SANITARY HOT WATER**

Without rejecting beneficial and accurate energy in the environment.

The innovation of the invention lies in the full exploitation of the environmentally generated counter-energy.

Energy that would be rejected by a conventional system as "useless" is now recycled for the benefit of the consumer, ensuring **MAXIMUM ECONOMY**, while contributing to **ENVIRONMENTAL PROTECTION** with reduced **CO₂** emissions and emissions.

The compact construction of this innovative system offers safety during installation, operation and use without the need for extra Freon connections only water connections to meet the needs of **HEATING, REFRIGERATION and HOT WATER**.

It is a unique high-tech proposal, protects the environment and provides end-use savings and maintenance costs to fully meet all potential customer needs.



Economy

- The highly efficient series of REVORB, produces 4,2 times more heat energy than the input money. It saves money.
- Low installation and service costs.



Easy

- **cleaning** and good conditions check
- **access** to their interior (minimum service cost)
- **replacement** of all stainless / copper steel exchangers



Fully recyclable

Residential Warranty
10 years tank = 5 years Compressor = 2 years Electronics

TECHNICAL CHARACTERISTICS

Model	Power OUT	Power IN	Freon R134a	c.o.p.	Tank Volume	$\Delta t = 25^{\circ}\text{C}$	Persons per hour	Cooling	Heating	Voltage	W/L/H	Weight
	kW	kW			Litters	l/h		Btu/h	kW			
RV 8	8	1,9	✓	4,2	300	275	7-10	27.360	8	230	1800/850/1800	360
RV 12	12	2,86	✓	4,2	300	413	10-12	41.040	12	230	1800/850/1800	370
RV 14	14	3,33	✓	4,2	300	482	12-15	47.880	14	230	1800/850/1800	390
RV 17	17	4,05	✓	4,2	300	585	15-18	58.140	17	380	1800/850/1800	410
RV 20	20	4,76	✓	4,2	600	688	17-20	68.400	20	380	2000/1000/2250	480
RV 25	25	5,95	✓	4,2	600	860	22-25	85.500	25	380	2000/1000/2250	490
RV 33	33	7,86	✓	4,2	800	1135	28-30	112.860	33	380	2300/1150/2600	520
RV 45	45	10,71	✓	4,2	800	1548	39-42	153.900	45	380	2300/1150/2600	540
RV 60	60	14,29	✓	4,2	1000	2064	52-55	205.200	60	380	2600/1300/2600	620
RV 75	75	17,86	✓	4,2	1000	2580	65-70	256.500	75	380	2600/1300/2600	640



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