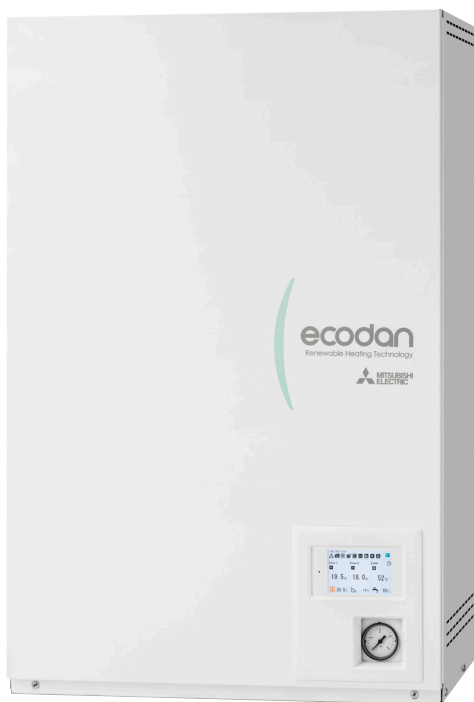# ECODAN HYDROBOX
ERSF-YM9E

Ecodan E-gen Hydrobox – Perfect for Homes with an Existing Water Heater

Looking to upgrade your heating system with modern heat pump technology? The Hydrobox E-gen offers all the benefits of Mitsubishi Electric's advanced control system and is the ideal solution for homes that already have a water heater. It's perfect for integrating your heat pump with pellets, solar, or wood heating systems.

With Hydrobox E-gen, you get an energy-efficient and flexible heating solution that seamlessly integrates into your existing system—for smarter and more sustainable home heating.

✔ New color touch display for intuitive control
✔ Quiet operation with four levels for optimal comfort
✔ Flow temperature of 50°C even at -30°C without support from the electric heater
✔ Flow temperature up to 70°C without an electric heater
✔ Energy-efficient with automatic flow control
✔ Self-learning heating curve with dual-zone functionality
✔ Flexible installation with pipe lengths up to 50 meters
✔ Easy setup with preset heating curves for your system

SPLIT | BBR APPROVED | QUIET OPERATION | 70° | FTC 7 | TOUCH DISPLAY | MELCloud HOME

Product information

TECHNICAL INFORMATION - ECODAN HYDROBOX E-GENERATION SPLIT

ARTICLE		ERSF-YM9E
Energy efficiency heating W35°C [1]	RANK	A+++
Immersion heater	kW	3 + 6
Dimensions (H x W x D)	mm	530 x 800 x 360
Weight (full / empty)	kg	47 / 41
Flow temperature (Max / Min)	°C	70 / 20
Breaker size / Immersion heater	A	3 x 16
Electric data	V / Phase / Hz	400 / 3-fas / 50
Operating current (max)	A	13
Setting temperature (Min - Max)	°C	0 - 35
Room temperature range	°C	10 - 30
Built-in expansion vessel	Liter	10
Sound power level (PWL)	dB(A)	41

The provided data is in combination with PUZ-SWM80YAAH-SC
(A) Moderate climate (C) Cold climate
[1] SCOP (Seasonal Coefficient of Performance) / Annual Average Efficiency – Climate zones according to ErP Directive 811/2013 (A+++ to D).
   The system's efficiency is stated with the built-in temperature controller. When combined with another outdoor unit, efficiency must be adjusted.

ACCESSORIES - ECODAN HYDROBOX E-GENERATION SPLIT

ARTICLE	INFORMATION
MF-1	Magnetic filter 1" connection.
TC35L / TC100L / TC300L	Volume tank ensuring the correct water volume and flow in heating systems with both underfloor heating and radiators, for installation with Ecodan Cylinder Tank and Hydrobox. Available in three sizes: 35L / 100L / 300L.
PAR-WT60R-E	Wireless remote control with built in room sensor, for adaptive room temperature control, extra hot water and holiday function.
PAR-WR61R-E	Wireless reciever in combination with PAR-WT60R-E.
PAC-TH011TK2-E	THW5 Hot Water Sensor for installation in an external hot water tank/boiler.
MAC-587IF-E	Wifi interface cloud based control with smartphone, computer or tablet.
VENTILPAKET	Valve package with valves pipes, filling valve, check valve and thermostatic mixing valve.
PAC-SE41TS-E	Wired room sensor for connection directly to circuit board in cylinder tank.
EKR-8L	Expansion vessel 8 liter stainless for hot water, preprinted 6,3 bar.
EKP-12L	Expansion vessel hot side 12 liter.
PAC-TH011-E	Additional Supply/Return Sensor for use with 2-zone control, 2 x 2 required or 0-10V as peak heating. Note! 2 units required.
PAC-TH012HT-E	Supply Sensor only required when using an oil boiler as backup/peak heater.
PROCON MELCOBEMS MINI (A1M)	Modbus Interface for control/monitoring via Modbus protocol.
MELCLOUD CELLULAR	Interface for MELCloud Home with direct connection to the mobile network.
PAC-TZ02-E	2-Zone Kit for connection to Ecodan Hydrobox with adjustable pumps.
EAC-MT-M1	E-Monitoring Tool, service tool for installers.
ARA645-230V	Valve Motor for VRG132 230V valve motor for connection to terminal in L.Hydrobox. RSK 539 62 03
VRG132 DN25	3-Way Valve House DN25 Valve housing with 1" external thread for switching between hot water or refrigerant circuit. RSK 490 54 54.

Measurement unit: mm

FRONT   SIDE   BACK   TOP

MELcalc

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