

## HYDRONIC S3 ECONOMY COOLANT HEATER



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**NEW!**



### **HYDRONIC S3 ECONOMY – OUR MOST COMPACT WATER HEATER:**

By launching the Hydronic S3 Economy, Eberspächer introduces a compact water heater into the market that satisfies the latest requirements of all vehicle segments. Its compact dimensions and fantastic flexibility during installation are truly impressive. In addition, the Hydronic S3 Economy uses pioneering Eberspächer CAN bus technology and is made with robust components.

**1. ADVANTAGES:**

- Can be used with the latest EasyStart Pro and Web control unit family
- Robust design
  - Encapsulated fan motor
  - Separation of hot and cold components
  - Electronically commutated motor
- Installation
  - Straight and 90° water spigots (rotate 360°), in any combination
  - New bracket concept
  - New installation recommendations and installation kits
- Fan activation
  - All familiar types of fan activation from the Hydronic 1 and 2 are still applicable
  - New CAN-based EasyFan Fan & Flap module
- Diagnostics by using EasyScan
- 85% efficiency
- Uses Eberspächer CAN bus and S+ technology
- Operating temperature range: diesel -40°C to +80°C and petrol -40°C to +60°C
- Stepless heating power control
- Optimised water volume flow thanks to controlled water pump allows for faster window de-icing

**2. FURTHER FEATURES:**

- Can be used with petrol, diesel, E10 and B30
- Diagnostic display possible via EasyStart Pro control unit
- Service life 3,000 h
- Elevation capability for up to 1,500 m above sea level, elevation gateway for up to 3,000 m above sea level is in preparation
- Connection diameters:
  - water 20 mm, exhaust gas 24 mm, combustion air 20 mm
- Repair and spare parts concept the same as that of the Hydronic 2 Economy
- Noise emissions optimized
- Higher IP protection rating makes it secure against the ingress of water during high-pressure/steam jet cleaning, provided it is not in operation
- Greatly enhanced resistance to salt mist
- The heater is approved for mains operation (230 V / 50 Hz) (with optional loom only)



**TECHNICAL DATA:**

Hydronic S3 Economy			Petrol		Diesel	
Version			B4E	B5E	D4E	D5E
Part numbers			20.1963.05.0000	20.1952.05.0000	25.2694.05.0000	25.2652.05.0000
Heating power control			stepless			
Heating capacity		kW	1.8 to 4.3	1.8 to 5.0	1.3 to 4.3	1.3 to 5.0
Voltage		V	12			
Power	without WP	W	24	32	24	32
Consumption	with WP	W	42	50	42	50
Fuel consumption		l/h	0.57	0.67	0.53	0.59
Operating temperature range		°C	-40 to +60		-40 to +60	
Weight without WP, without MP		kg	2.0			
Main dimensions L x W x H		mm	215 x 91 x 124			
Protection rating			Heater: IP5K6K, IP5K9K, control unit: IP6K6K, IP6K9K*			

\* The heater is protected against dust in harmful quantities, completely protected against touch, against powerful water jets under increased pressure (specifically for road vehicles) and against water during high pressure / steam jet cleaning (specifically for road vehicles). The control unit is fully dustproof, fully protected against touch, against powerful water jets under increased pressure (specifically for road vehicles), as well as against water during high pressure / steam jet cleaning (specifically for road vehicles).