



WATER HEATER / HYDRONIC S3

POWERFUL AND DURABLE FOR A MULTITUDE OF APPLICATIONS

The Hydronic S3 Economy CS is fully compatible with the new EasyStart series of CAN-bus control units. Thanks to the new S+ switch-on signal interface, it is also compatible with all other control units that use this connection type. Therefore, this water heater is the ideal companion for all sorts of motorized vehicles.

The Hydronic S3 Commercial completes the product family with a 24-volt variant for professional use, which is also available as a 5.6 kW power version. This ensures a very large performance span, which is further enhanced by stepless heating performance control and optimized noise reduction.

ADVANTAGES:

- Power version with a heating performance of up to 5.6 kW
- Very large performance span
- Stepless heating performance control
- Optimized noise reduction
- Altitude capability up to 1,500 m, or above 1,500 m using EasyStart Pro (Economy)
- Automatic altitude adjustment up to 3,000 m (Commercial)

OTHER FEATURES:

- Interfaces: CAN and switch-on S+
- Residual heat function through continued use of the heating circuit
- Diagnostics through EasyScan as well as CAN-based EasyStart control units
- Fuel types: gasoline incl. E10 (Economy only), diesel incl. B30
- Connection diameter: water 20 mm, exhaust 24 mm, combustion air 20 mm
- ADR variant of Hydronic S3 Commercial D6L available

SEGMENTS:



TECHNICAL DATA:

HYDRONIC S3		ECONOMY				COMMERCIAL	
		Gasoline		Diesel			
Version		B4E	B5E	D4E	D5E	D5L	D6L
Heating performance control		Stepless					
Service life	h	3,500		5,000			
Heating performance	kW	1.8 to 4.3	1.8 to 5.0	1.3 to 4.3	1.3 to 5.0	1.3 to 5.0	1.3 to 5.6
Voltage	V	12		12		24	
Electric power consumption	W						
without WP*		24	32	24	32	32	37
with WP*		42	50	42	50	67	72
Fuel consumption (l/h)		0.57	0.67	0.53	0.59	0.59	0.65
Operating temperature range	°C	-40 to +60		-40 to +80			
Weight without WP and MP**	kg	2.0					
Main dimensions l x w x h	mm	215 x 91 x 144					
Protection rating		Heater: IP5K6K, IP5K9K, control unit: IP6K6K, IP6K9K***					
Interfaces		CAN, S+					
Part number		20.2050.05.0000	20.2051.05.0000	25.2992.05.0000	25.2993.05.0000	25.3009.05.0000	25.2972.05.0000
Part number (back-pressure-resistant MP)				25.2995.05.0000	25.2994.05.0000		
Part number (ADR variant)							25.3004.05.0000
Part number (CI-BUS variant)					25.2996.05.0000		

* Water pump ** Fuel metering pump *** The heater is protected against dust in harmful quantities, against strong water jets under increased pressure and against water with high pressure / steam jet cleaning (if not in operation). The control unit is completely dust-tight, completely protected against strong jets of water under increased pressure and against water during high-pressure / steam cleaning (if not in operation).