



WATER HEATER / HYDRONIC S3 ECONOMY

POWERFUL AND DURABLE FOR A MULTITUDE OF APPLICATIONS

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

Hydronic S3 Commercial completes the product family by a 24-Volt variant for professional use, which is also available as a 5,6-kW power version. This ensures a very high performance span, which is further enhanced by stepless heating performance control and optimized noise reduction.

ADVANTAGES:

- New: Power version with a heating performance of up to 5,6 kW
- Very high performance span
- Stepless heating performance control
- Optimized noise reduction

OTHER FEATURES:

- Interfaces: CAN and switch-on S+
- Residual heat function through afteruse of heating circuit
- Diagnostics through EasyScan as well as CAN-based EasyStart control units
- Fuel types:
 - Gasoline incl. E10 (Economy only), Diesel incl. B30
 - Altitude capability up to 1.500 m, or beyond 1.500 m using EasyStart Pro (Economy)
 - Automatic altitude adjustment up to 3.000 m (Commercial)
- 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		stepless			
Service life (h)	3500	3500	5000	5000	5000	
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		2,0			
Main dimensions L x B x H (mm)	215 x 91 x 144		215 x 91 x 144			
Protection rating	Heater: IP5K6K, IP5K9K, Control unit: IP6K6K, IP6K9K***		Heater: IP5K6K, IP5K9K, Control unit: IP6K6K, IP6K9K***			
Interfaces	CAN, S+		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 (counter 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).