



WATER HEATER / HYDRONIC S3 ECONOMYCS

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

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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, 31.8 to 5.01.3 to 4.3		1.3 to 5.01.3 to 5.0		1.3 to 5.6	
Voltage (V)	12		12	24		
Electric power consumption (W)						
without WP*		2432		24 32 32 37		
with WP*		4250		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		
Weigth 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						
Part number (counter pressure-resistant MP)	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 (ADR variant)			0	0		
Part number (CI-BUS variant)			25.2995.05.0000	25.2994.05.0000		25.3004.05.0000
			0	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).