DBW 2010/2016

Gentle on the engine, environmentally friendly and cost-effective

Thanks to its robust construction and engineering, the DBW is the best option in the high-power category up to 16 kW for heating large-volume cabins and cargo spaces. In the case of medium- to large-engined vehicles, the engine and the cabin can be heated simultaneously.

The reduction in costs due to lower fuel consumption and the avoidance of engine idling times increases the economic benefit provided by the vehicle and makes a contribution to reducing the burden on the environment. The long service life of the heater and of its components and the very low maintenance and repair costs ensure maximum vehicle utilization and operating times. For use in the rail sector, there is a special, powerful complete system with approval by the German Federal Office for Railroads.

- **Quick and reliable readiness for operation, even at low temperatures**
- **Robust technology with low repair and maintenance costs**
- **Saves fuel by avoiding engine idling times**
- **Available for retrofit and as original equipment**


Trucks


Buses


Rail


Off-highway


Defense


Special Vehicles

Technical data

	DBW 2010		DBW 2016*	
	Diesel			
ECE approval number ECE R122 (heating)	E1 00 0006		E1 00 0001	
ECE approval number ECE R10 (EMC)	E1 04 6955			
Heating capacity (kW)	11.6		16.0	
Fuel consumption (l/h)	1.5		2.2	
Nominal voltage (V)	12	24	12	24
Rated power consumption with/without coolant pump (W)	115/85		115/90	
Fuels	Diesel EN 590; Heating oil (EL) DIN 51603			
Operating temperature range (°C)	–40 to +60			
Dimensions L x W x H (mm)	584 x 205 x 228			
Weight (kg)	14.5			
	Coolant pump U4840			
Volume flow against 0.31 bar (l/h)	700			
Dimensions L x W x H (mm)	134 x 53 x 90 (incl. connections)			
Weight (kg)	0.4			
	Coolant pump U4814/Aquavent 5000			
Volume flow against 0.2 bar (l/h)	5,000			
Dimensions L x W x H (mm)	229 x 100 x 105			
Weight (kg)	2.1			

* DBW 2016 with railroad approval: type approval EBA 31 AZ3/0039/13

Scope of delivery

- Complete heater, fuel filter, switch

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