



The mobile cleaning system for the Gas and Liquid phase:

PLUG & CLEAN-SYSTEM

FIELDS OF APPLICATION

Plug & Clean-System Liquid phase

- › Dewatering during construction activities, pumping tests, remediation of contaminated sites
- › Cleaning of landfill leachate
- › Condensate polishing
- › Purification of wastewater
- › Fine purification of spirits and end-product purification in the chemical industry

Plug & Clean-System Gas phase

- › Adsorption of solvents, mercury-removal
- › Cleaning of biogas, landfill and sewage gas (siloxanes, H₂S, VOC)
- › Desulfurization of exhaust gases
- › Odor removal
- › Tank exhaust air purification

RANGE OF SERVICES

Services

- › The plug and clean systems are part of our 360° service
- › Immediate commissioning- directly after delivery
- › Compliance with the highest safety standards and specified limits
- › All systems are made of stainless steel
- › Long-term usability even under extreme conditions
- › Optimum adsorption performance due to high quality CarboTech Activated Carbons
- › Our experts choose the suitable Activated Carbon for your application
- › The spent carbon can be reactivated for reuse
- › Easy detection of loading condition through accessible discharge sockets
- › Choose between rental oder buying concept
- › Suitable for almost any application
- › Easy and safe handling
- › No accumulation of dirt and dust during the adsorber exchange



CarboTech Plug & Clean System

DATASHEET



GEOMETRY / PARAMETERS

Pacs Type	Pacs 200	Pacs 700	Pacs 1100	Pacs 4000
Application	Sewage plant	+Biogas/landfill/Industry	+Biogas/landfill/Industry	+Biogas/landfill/Industry
Material	1.4301	1.4301	1.4301	1.4571
Adsorber Diameter	630mm	950mm	1.152mm	-
Dimensions (LxBxH)	730x720x930mm	1070x1050x1719mm	1283x1252x1843mm	1770x1770x2351mm
Empty weight	120kg	270kg	440kg	500kg
Operational weight (inkl. AC)	220kg	590kg	990kg	3000kg
Volume of AC	200L	700L	1.100L	3.750L
Height of inlet	103mm	230mm	287mm	900mm
Height of outlet	930mm	1719mm	1785mm	2000mm
Expandability	Series/Parallel	Series/Parallel	Series/Parallel	Series/Parallel

INSTALLATION CONDITIONS

Our Plug & Clean systems are delivered ready for operation immediately. They are suitable for both indoor and outdoor use.

Permissible Operating Temperature	max. 80°C	max. 80°C	max. 80°C	max. 60°C
Pressure Range	-5-150mbar	-5-100mbar	-5-100mbar	0-350mbar
Throughput Range	40-180m³/h	100-400m³/h	150-650m³/h	650-4.000Nm³/h

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CarboTech
Professional. Solution. Service.