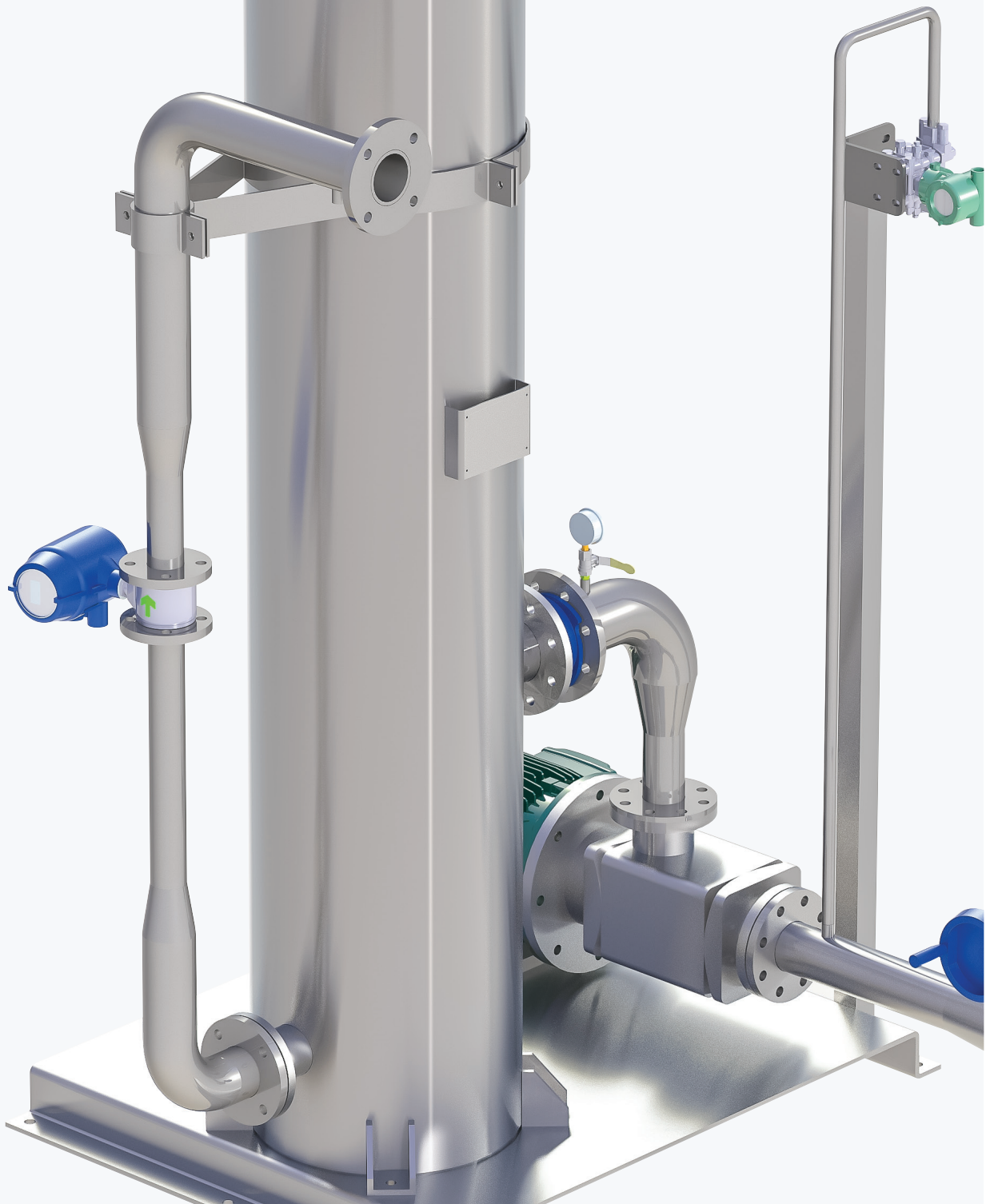


WASTEWATER TREATMENT

DISSOLVED AIR MODULE



RENDETECH





DISSOLVED AIR MODULE

**RENDETECH**

The Rendertech Dissolved Air Module (DAS) is an efficient, simple, and compact dissolved air generator for use with Dissolved Air Flotation (DAF) systems in water and wastewater treatment. This module has a multiphase pump to produce a super-saturated dissolved air solution without the need for compressed air. Recycled water and air are drawn into the pump, and the special impeller dissolves the air in the water before it is piped to a saturation vessel and then on to the flotation tank.

**FOR NEW PLANTS OR RETROFITS**

The module can be incorporated into new plants or fitted as an upgrade to existing dissolved and dispersed air systems to improve their performance.

BETTER FLOTATION

The dissolved air solution produced by the Rendertech DAS with its multiphase pump ensures that there are clouds of microbubbles in the flotator. These microbubbles ensure the best separation of solids from liquids in the flotator. With no large air bubbles, the sludge layer stays intact.

PLUG AND PLAY

The Rendertech DAS comes complete with saturation vessel, interconnecting pipework and instruments all mounted on a compact base-frame, ready for installation into your system.

LOW MAINTENANCE AND LONG LIFE

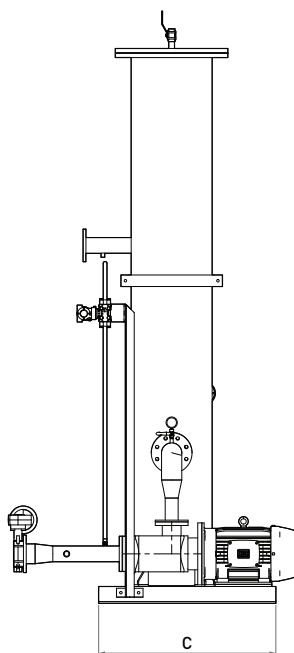
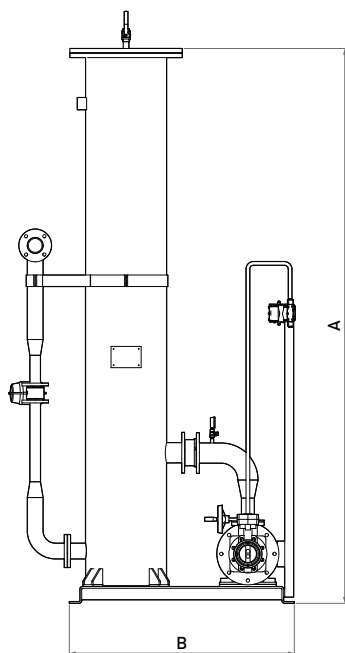
The Rendertech Dissolved Air Module has only one multiphase centrifugal pump. There are no air compressors, solenoids or automated valves to maintain. The special design allows pumping of an air/water mixture that quickly damages standard pumps.

NO COMPRESSED AIR REQUIRED

Compressed air is expensive to produce, and air compressors require a higher level of maintenance. Removing the need for compressed air reduces both operating and maintenance costs. The multiphase pumps are also simple to operate.

SIMPLE AND ENERGY EFFICIENT

As the Rendertech DAS doesn't require compressed air, the power consumption is less than a conventional dissolved air system. The multiphase pumps are also simple to operate.



	DAS 1	DAS 5	DAS 15	DAS 30	DAS 50	DAS 100
TECHNICAL SPECIFICATION						
Capacity m ³ /hr	0.5 – 1.5	4.5 – 5.5	7 – 15	15 – 30	25 – 50	50 – 100
Motor (kW)	1.5	3	5.5	15	18.5	37

Larger modules can be designed to suit the application

PRODUCT DIMENSIONS						
Dimension A (mm)	1565	1600	2400	2760	3135	4115
Dimension B (mm)	550	600	1120	975	1270	2405
Dimension C (mm)	650	700	800	1190	1000	1280

OPTIONS

Instrumentation

Duty/standby pumps

YOUR PROCESS PARTNER

We are specialists in process and storage solutions, providing the products and technical expertise to get the best from your plant. For more information call for a no obligation chat about your processing needs.

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