

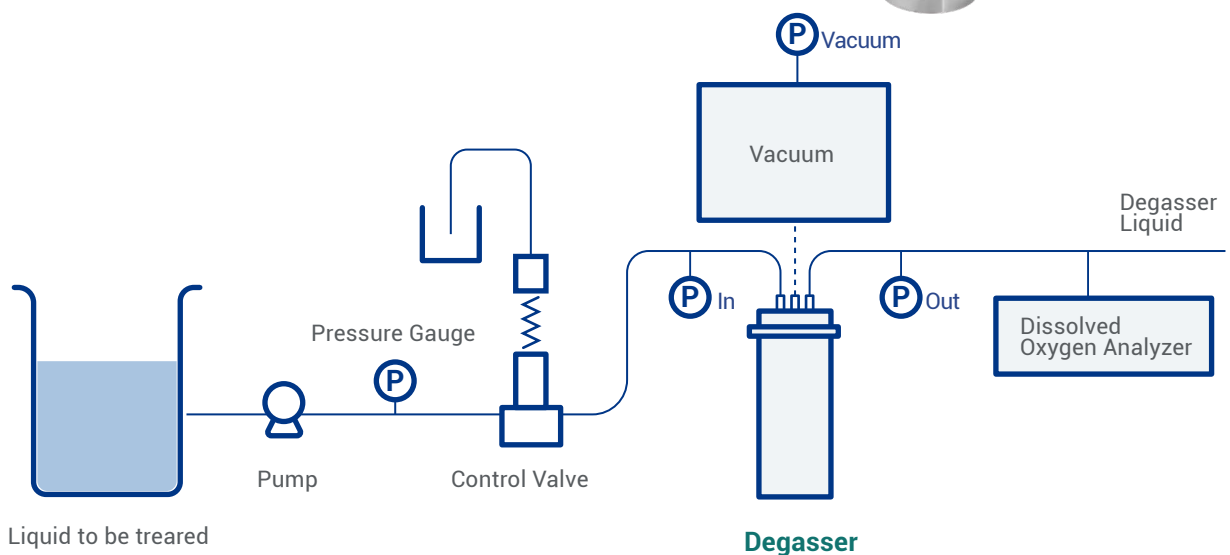
WSPF-TA Series PTFE Degasser

A solution to remove visible bubble and invisible gas

The degasser is made of PTFE hollow fiber and 304 stainless housing. The targeted liquid will only go through PTFE hollow fiber and PFA connection, no touch with housing, ensuring high cleanliness. PTFE hollow fiber provide high compatibility for different application, especially for organic solution, to remove visible bubble or invisible gas, such as O₂, N₂. This degasser effectively avoid a lot of negative impact caused by bubble or gas during manufacturing process.

FEATURES

Principle of Flow	The liquid to be degassed flow through the inner lumen of hollow fibers, evacuating the outside of the hollow fiber to form a negative pressure. Then the gas will go out of hollow fiber.
Without Touch with Housing Inner Surface	To ensure high cleanliness environment, the liquid will go through inner lumen PTFE hollow fibers, without touch with housing inner surface.
Various Connection Options	Except the standard connection we provided, we can change connections based on customer demands.



SPECIFICATION

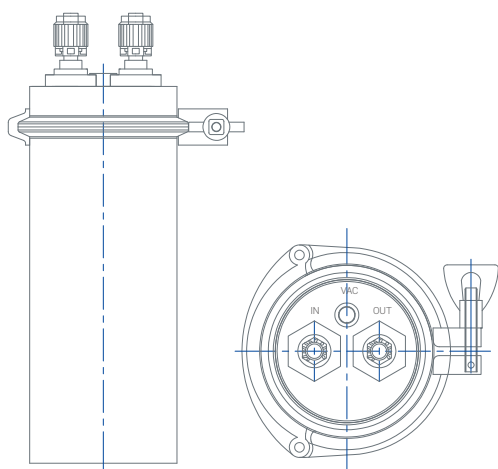
	WSPF-TAD76	WSPF-TAD89	WSPF-TAD89	WSPF-TAD140	WSPF-TAD165
Type	Internal Pressure Type				
Flow Rate Range (ml/min)	1-100	1-300	1-300	50-900	50-900
Filling Capacity (ml)	100	250	300	750	750
Surface Area (m ²)	0.5	1.32	1.32	3.2	3.2
Hollow Fiber Material	PTFE				
Shell Material	SUS304				
Connector Material	PFA				
Max. Temperature (°C)	40°C (104 °F)				
Tube Max. Pressure (MPa)	0.3MPa				
O-ring	None				
Vacuum (kPa)	95kpa (gauge or relative pressure)				
Vacuum Port Size	1/8"Rc	1/8"Rc	1/8"Rc	1/8"Rc 1/4"Rc	1/8"Rc 1/4"Rc

DIMENSION

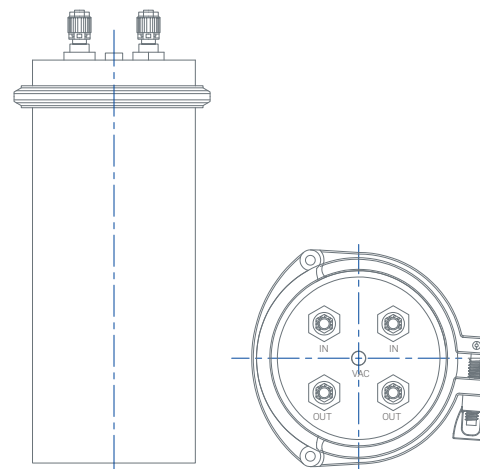
Please ask Cobetter sales or Cobetter representatives for specific dimension drawings according to the P/N you chose or customized version needed.

Eg.

WSPF-TAD76/WSPF-TAD89/WSPF-TAD102 has one inlet, one out let and one vacuum port;
WSPF-TAD140/WSPF-TAD165 have two inlets, two outlets, and one vacuum port.



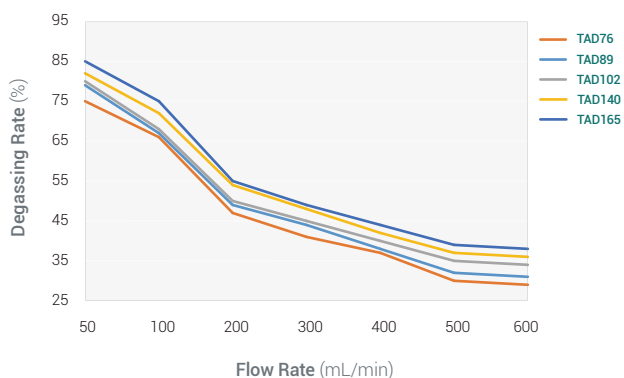
One inlet, one outlet, one vacuum port



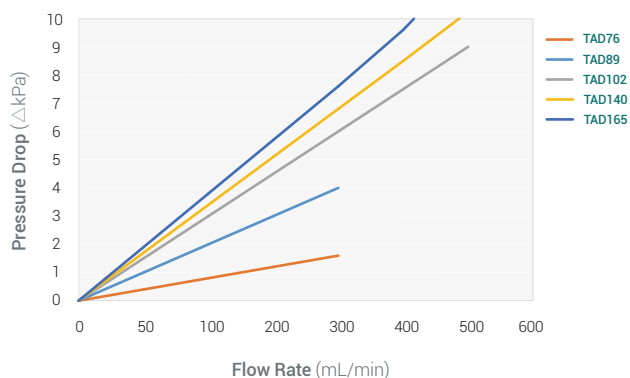
Two inlets, two outlets, one vacuum port

FLOW RATE

WSPF-TA Degassing Efficiency



WSPF-TA Flow Rate Characteristics



ORDER INFORMATION

WSPFTA 1 2 3 4 5 6

Block 1

Code	Diameter
D76	76mm
D89	89mm
D102	102mm
D140	140mm
D165	165mm

Block 2

Code	Height *
H175	175mm
H260	260mm
H270	270mm
H300	300mm
H410	410mm
H450	450mm

Block 3

Code	Connection **
P2	1/4" Pillar
S2	1/4" S300
F2	1/4" Flaretek
K08	8mm Kurabo
LQ08	8mm SMC LQ1
P08	8mm Pillar
P10	10mm Pillar

Block 4

Code	Vacuum Port
R1	1/8 Rc
R2	1/4 Rc
M5	M5

Block 5

Code	Inlet/Outlet Direction
N	Opposite Side
U	Same Side

Block 6

Code	Vacuum Port
AMX	Cleanliness Level

* Does not include connector's height.

** If you can not find the connection you need, please check with Cobetter

cobetter[®]

Please contact us for more information.

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* Specifications subject to change without notice.