



# Alfa Laval BladeClean

Clean the underside of tank agitator blades quickly and effectively

## Application

Cleaning processing tanks with center obstructions can be tricky, costly, and time-consuming. However, with the new Alfa Laval BladeClean, it doesn't have to be. This tank cleaning device is perfect for any size tank with agitator blades. Incorporating this device into your tank cleaning process will enable your company to eliminate confined space entry and drastically reduce time spent cleaning, boosting overall tank productivity.

## Working principle

Prior to cleaning, the Alfa Laval BladeClean is inserted into the bottom of the tank and is activated at 2 bar (30 psi) and higher, causing a cone of water jets up to 7.6 m (25') to spray upward at the underside of the tank agitator blades. Reaching up to 4.5 kg (10 lbs.) of force, the water jets clean the agitator blades of product residue. Paired with your favorite Alfa Laval Gamajet or Toftejorg rotary impingement tank cleaning device, your clean-in-place process will be fast and effective.



## TECHNICAL DATA

Lubricant ..... Self-lubricating  
 Max. throw length ..... 6 m - 9 m (20 - 30 ft.)

## Pressure

Working pressure ..... 1.5 - 10 bar ( 22 - 145 psi)  
 Recommended pressure ..... 2 - 5 bar (29 - 73 psi)

## PHYSICAL DATA

Materials  
 1.4404 (316L), FDA-approved EPDM, PTFE, PPS

Weight ..... 1.27 kg (2.8 lbs.)  
 Surface finish ..... 0.5 µm (20 Ra)

## Connections

Standard thread ..... 1" tri-clamp standard  
 Alfa Laval tank connection

## Includes

Mounting materials..... Alfa Laval Hygienic Tank Adapter, EPDM O-ring, Clamp, Blind Cap

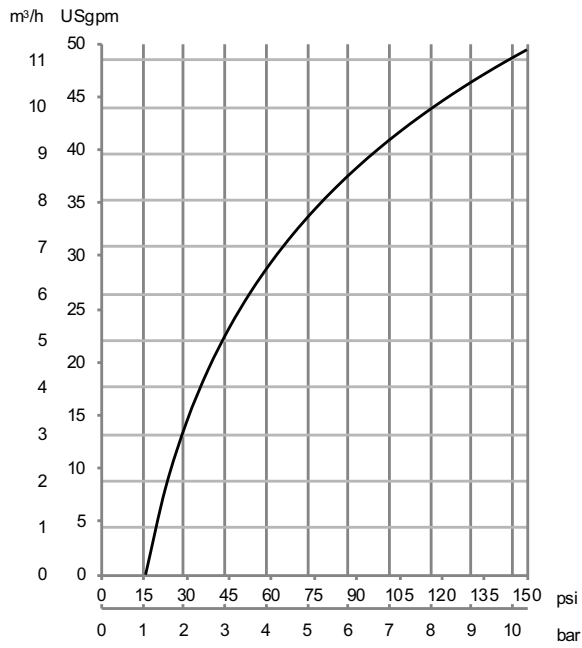


O-ring and blind cap connection

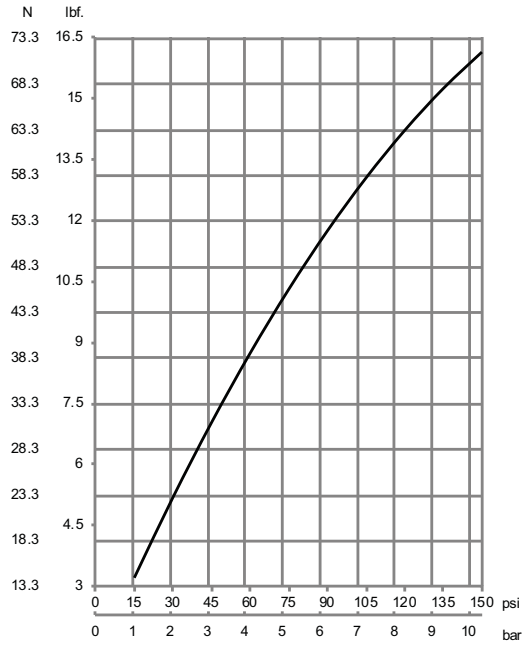


Clamp

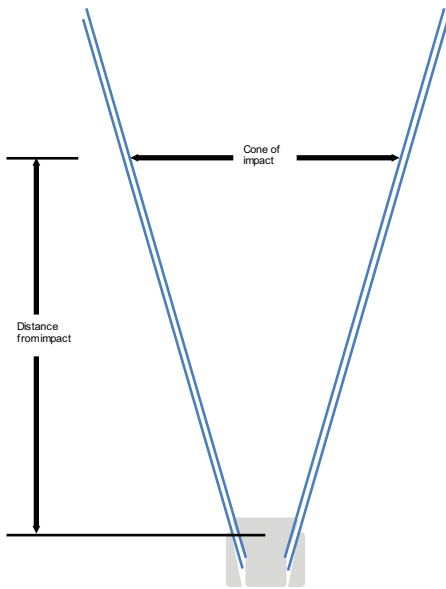
## Flow Rate



## Impact vs. Pressure



## Cone of Impact



## Dimensions

Distance from target	25mm / 1"	51mm / 2"	102mm / 4"	125mm / 6"	305mm / 12"	457mm / 1.5'	610mm / 2'	914mm / 3'	1219mm / 4'	1524mm / 5'	1828mm / 6'
Diameter	64mm / 2.5"	102mm / 4"	139mm / 5.5"	139mm / 5.5"	178mm / 7"	279mm / 11"	318mm / 12.5"	432mm / 17"	622mm / 24.5"	889 mm / 35"	914mm / 3'

Alfa Laval reserves the right to change specifications without prior notification.

How to contact Alfa Laval  
Up-to-date Alfa Laval contact details for all countries are always available on our website at [www.alfalaval.com](http://www.alfalaval.com)