

Reaction Force Method

Made of PTFE

ROTATING CLEANING NOZZLES

for tanks/containers

ES-PTFE series



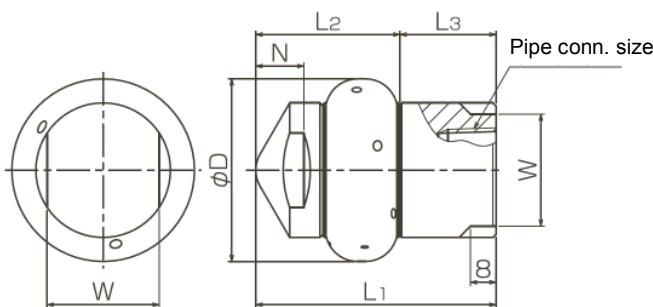
FEATURES

- **Made of PTFE !!**
Excellent chemical resistance and safety
- No external power needed as rotation is driven solely by the flow of the cleaning fluid.
- Easy maintenance due to low number of parts
- Clean design with little dripping from the nozzle tip even when installed upward

APPLICATIONS

- Chemical tank
 - Container
 - Filling machine
 - All sorts of machine to clean by acid or alkali
- Ideal for food-processing machinery!**

DIMENSIONS

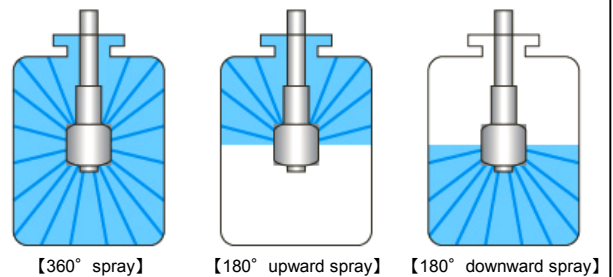


■ Material: PTFE

Pipe Conn. Size	Dimensions (mm)						Mass (g)
	L1	L2	L3	W	φ D	N	
1/2F(PT) [Rc1/2"]	65	41	24	30	50	14	130
3/4F(PT) [Rc3/4"]	75	45	30	35	57	15	180

"F" in the pipe connection size denotes female thread.

SPRAY PATTERN

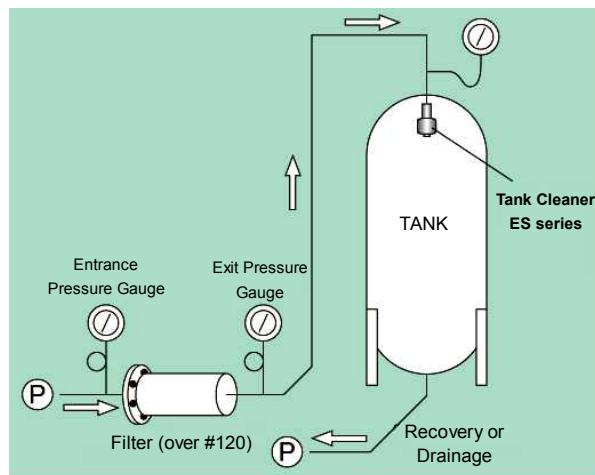


*Diagrams are approximate images.

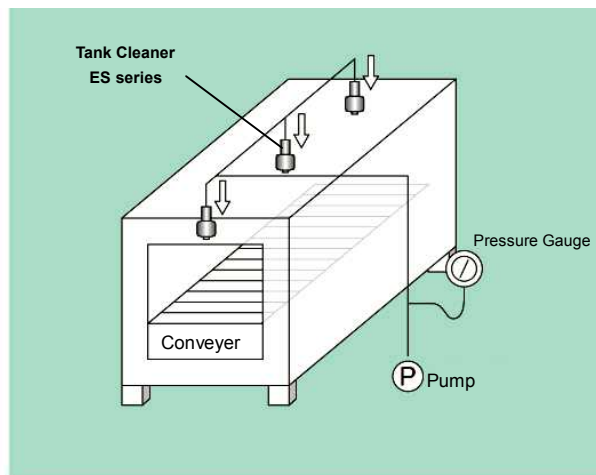
SPECIFICATIONS

Spray Capacity Code	Pipe Conn. Size (PT)	Spray Capacity (L/min)						Spray Pattern (Spray Direction)	Max. Liquid Temperature
		0.05MPa	0.1MPa	0.2MPa	0.3MPa	0.4MPa	0.5MPa		
30	1/2F (Rc 1/2")	12.2	17.3	24.5	30	34.6	38.7	360° 180° upward 180° downward	93 deg. C (199 deg. F)
40		16.3	23.1	32.7	40	46.2	51.6		
70	3/4F (Rc 3/4")	28.6	40.4	57.2	70	80.8	90.4		
150		61.2	86.6	123.0	150	173.0	194.0		

EXAMPLES of USE



Tank Cleaning



Cleaning Inside Storage Areas

HOW TO ORDER

Please inquire or order for a specific nozzle using this coding system.

[Example] 1/2F ES 30 N PTFE (360)

1/2F	ES	30	N	PTFE	(360)
Pipe Conn. Size		Spray Capacity Code			Spray Pattern
■ 1/2F		■ 30			■ 360
■ 3/4F		■ 40			■ 180 upward
		■ 70			■ 180 downward
		■ 150			

Please feel free to contact us or our local sales office for any questions/inquiries.

“The Fog Engineers”
 **H. IKEUCHI & CO., LTD.**

Headquarters

Daiichi Kyogyo Bldg., 1-15-15, Awaza
 Nishi-ku, Osaka 550-0011, Japan
 Tel: 81-6-6538-4015 Fax: 81-6-6538-4022
 Email: overseas@kirinoikeuchi.co.jp
 URL: <http://www.kirinoikeuchi.co.jp/eng/>

IKEUCHI (SHANGHAI) CO., LTD.

Room C, 21/F, Electrical & Mechanical Bldg., 600 Hengfeng Road, Shanghai 200070, P.R.China
 Tel: 86-21-6140-9731 Fax: 86-21-6123-4239 mist@kirinoikeuchi.com <http://www.kirinoikeuchi.com/>
Tianjin Branch Tel: 86-22-2320-1676 Fax: 86-22-2320-1675
Shenzhen Branch Tel: 86-755-8525-2221 Fax: 86-755-8525-2215

IKEUCHI USA, INC.

8110 Beckett Center Drive, West Chester, OH 45069 USA
 Tel: 1-513-942-3060 Fax: 1-513-942-3064 info@ikeuchiusa.com <http://www.ikeuchiusa.com/>

IKEUCHI EUROPE B.V.

Asterweg 17 A6, 1031 HL Amsterdam, The Netherlands
 Tel: 31-20-820-2175 Fax: 31-20-820-2176 info@ikeuchieurope.com <http://www.ikeuchieurope.com/>

IKEUCHI TAIWAN CO., LTD.

11 F-1, No.27, Sec.1, Chung Shan N. Rd., Taipei, 10441 Taiwan, R.O.C.
 Tel: 886-2-2511-6289 Fax: 886-2-2541-6392 sales@ikeuchi.com.tw <http://www.ikeuchi.com.tw/>

PT. IKEUCHI INDONESIA

Ruko Easton Jalan Gunung Pandeman Blok E No.9, Lippo Cikarang Kel. Cibatu Kec., Cikarang Selatan Bekasi 17550 Indonesia
 Tel: 62-21-2909-3246 Fax: 62-21-2909-3247 sales@ikeuchi.co.id <http://www.kirinoikeuchi.co.jp/ijk/>