

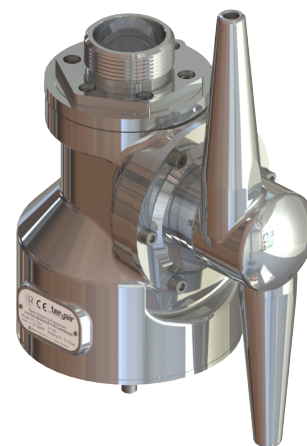
Teryair Tank Cleaning Jets have twin nozzles and are durable and reliable tank washing machines. They have a Stainless Steel 316L construction combined with PEEK gears for durability and chemical resistivity. The two opposing nozzles continuously rotate in two axes and complete a complete cleaning cycle in approximately 20 minutes. Suitable for use with various cleaning media including water, crude oil and cleaning chemicals, both hot and cold. It is easily repairable on site and teryair spares are available widely.

Features

- Nozzles can be freely positioned to facilitate Usage in tight spaces.
- Choice of nozzles available depending on tank size.
- All chemical resistant materials used in construction.
- Self lubricating.
- 95 °C fluid handling capability.
- No cargo contamination.

Applications

- Suitable for use for washing / cleaning tanks in crude oil, chemical and product tankers.
- Suitable for washing / cleaning tanks in liquid port terminal tanks.
- Suitable for use in onshore process industry tanks.



TC110J

Certifications

- CE Certificate No CE 16831



- Lloyds Register Certificate of approval, No. LR2011185MC



- ATEX Codes
⊕ II 2 GD Ex h IIC T6 Gb
⊕ Ex h IIIC T85°C Db



- ATEX No - 2467/1/2023

Technical data

IMPA Code	590656
Teryair Model No	TC-110J
Nozzle Diameter mm	7-12
Water Consumption m ³ /Hr	8-23
Jet Length mtr	15-31
Washing Cycle min/Cycle	4-15
Working Pressure bar	5-12
Weight kgs	6.6

Package dimensions and weights

Teryair Model No	Weight kgs	Box Dimensions cms
TC-110J	10	39 x 25 x 32

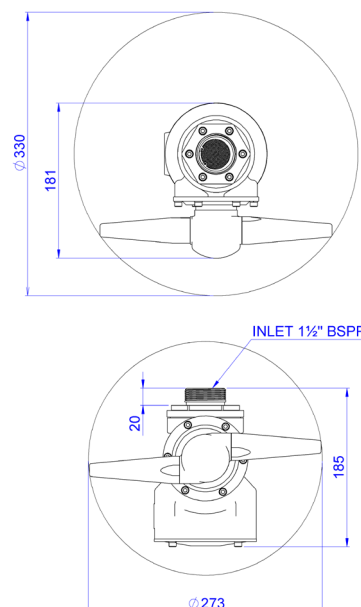
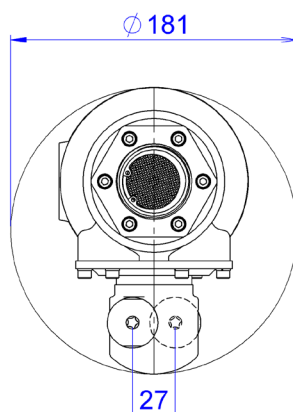
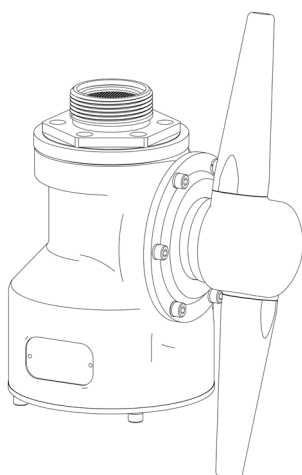
Standard equipment included assembled

Part No.	Description
TC110-023N08	Set of 8 mm nozzles (2 pcs)

Accessories and spares

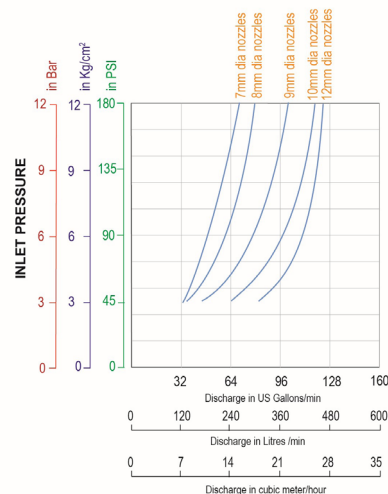
TC110-023N07	Set of 7 mm nozzles (2 pcs)
TC110-023N08	Set of 8 mm nozzles (2 pcs)
TC110-023N09	Set of 9 mm nozzles (2 pcs)
TC110-023N10	Set of 10 mm nozzles (2 pcs)
TC110-023N12	Set of 12 mm nozzles (2 pcs)

Dimension drawing



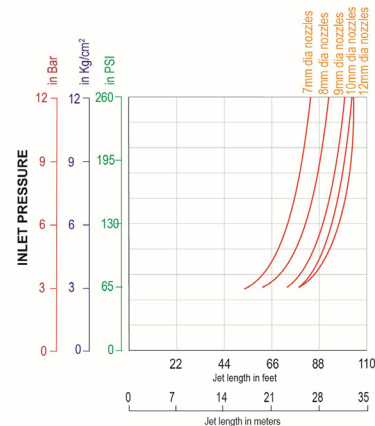
Performance Graph Inlet Pressure vs Discharge

- Performance as measured discharging water at 20 °C.
- For guidance on how to select a suitable tank cleaning machine get in touch with teryair.
- Actual discharge performance may vary depending on cleaning media used, its viscosity and its density.



Performance Graph Inlet Pressure vs Jet Length

- Performance as measured discharging water at 20 °C.
- For guidance on how to select a suitable tank cleaning machine get in touch with teryair.
- Actual Jet length may vary depending on cleaning media used, its viscosity and its density.



Nozzle Size	Inlet water Pressure (bars)	Flow (m³/hr)	Jet length (m)	Cycle time (min)
7	3	6	18	28
	5	10	22	26
	6	11	23	24
	8	12.5	25	22
	10	14	26.5	20
	12	15.5	27.5	18
8	3	9	20	26
	5	12.5	23.5	24
	6	13.75	25	22
	8	16.5	27	20
	10	17.75	28	18
	12	19.75	29	16
9	3	11	23	24
	5	15	25	22
	6	16.25	26	20
	8	18.75	28	18
	10	21.25	29	16
	12	22.5	30	14

10	3	14	26	22
	5	17.5	24	20
	6	18.75	27	18
	8	22	29	16
	10	24.5	30	14
	12	27	31	12
12	3	17	25	20
	5	18	26	18
	6	19.25	27.5	16
	8	22.5	29.5	14
	10	25	30.5	12
	12	27.5	31	10