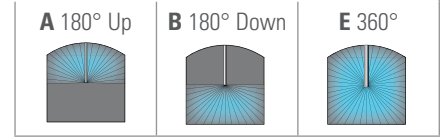


**TANKJET D41990 TANK CLEANING NOZZLE  
FEATURES AND BENEFITS**

- Low-pressure, low-volume rinsing of small tanks and containers
- Fluid-driven reactionary force nozzle – no motor source needed to drive spray head
- Micro-size nozzle fits into very small tank openings – as small as 1 in. (25 mm)
- All 316L stainless steel construction for long wear life and corrosion resistance
- Suitable for high-temperature applications up to 265°F (130°C)
- ATEX-certified versions available upon request



**SPRAY COVERAGE**



**MOUNTING OPTIONS**

Vertical	↑	↓
Horizontal	←	→
45° Up	↖	↗
45° Down	↙	↘



TankJet D41990 tank cleaning nozzle, see page E10



TankJet D41990 tank cleaning nozzle

**SPECIFICATIONS**

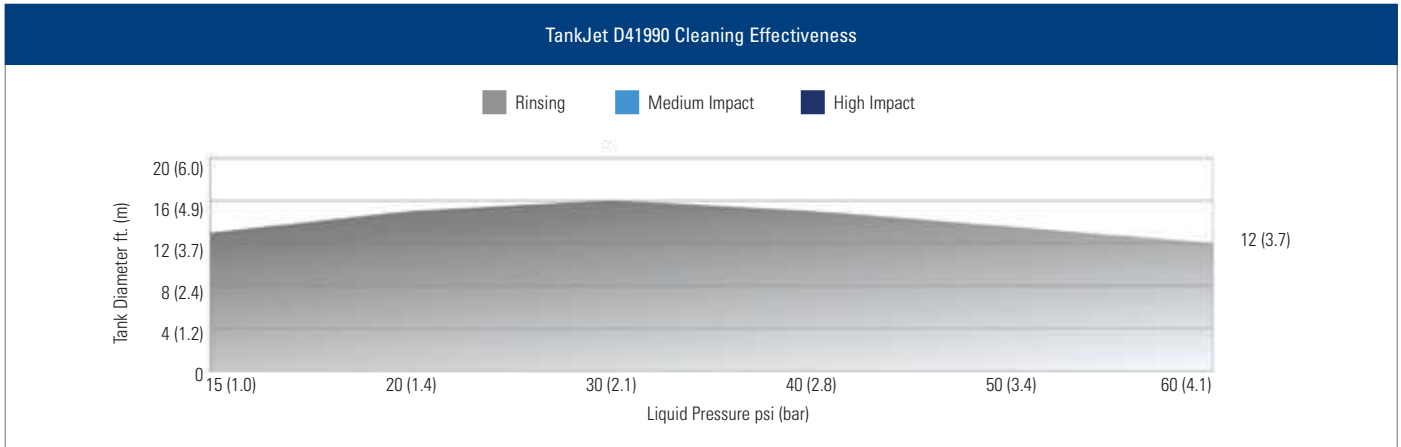
TankJet D41990A Tank Cleaning Nozzle	
Max. tank diameter:	16 ft. (4.9 m)
Operating principle:	Fluid-driven reactionary force
Flow rate:	7.5 to 37 gpm (29 to 141 lpm)
Operating pressure:	15.0 to 60 psi (1 to 4 bar)
Max. temperature:	265°F (130°C)
Materials:	316L stainless steel
Inlet connection:	3/8", 1/2", 3/4" NPT or BSPT (F), CIP 182 or 192
Optional accessories:	Strainers, recommended mesh size: 200 (74 micron) See page G2

**IDEAL FOR CLEANING:**

- Chemical tanks
- Beverage tanks
- Canisters
- Food tanks
- Keg/drum
- Tote/container

**ADDITIONAL SIZES AVAILABLE**  
For D41990 up to 6.5 ft. see page E12

PERFORMANCE DATA



Inlet Conn. Size/Type	Capacity Size	Capacity, gpm (lpm)					
		15 psi (1.0 bar)	20 psi (1.4 bar)	30 psi (2.1 bar)	40 psi (2.8 bar)	50 psi (3.4 bar)	60 psi (4.1 bar)
1/2" CIP192	13.6	7.5 (29)	8.8 (33)	10.5 (40)	12 (45)	13.1 (49)	14.2 (54)
	15	9 (34)	10.5 (40)	12.6 (48)	14.4 (55)	15.8 (60)	17.2 (65.1)
	21	12.8 (49)	15 (57)	18 (68)	21 (78)	23 (95)	25 (93)
	24	13.6 (52)	16 (61)	19.4 (74)	22(85)	25 (93)	27 (101)
3/4" CIP192	32	20 (76)	23 (88)	28 (105)	32 (120)	34 (130)	37 (141)

DIMENSIONS AND WEIGHTS

TankJet D41990 Tank Cleaning Nozzle	Inlet Conn. Size*	L in (mm)	A in (mm)	B in (mm)	C in (mm)	Pin Length in (mm)	Min. Tank Opening in (mm)	Weight lbs. (kg)
	1/2", 3/4"	4.4 (111)	1.3 (34)	1.2 (31)	-	-	1.5 (38)	0.8 (0.36)
	CIP192	4.4 (111)	1.3 (34)	1.2 (31)	0.76 (19.2)	3.9 (98)	3.87 (99)	0.8 (0.36)

\*Additional sizes available: See page E10 – 3/8 in. and CIP182 conn.

ORDERING INFORMATION

TANKJET D41990 TANK CLEANING NOZZLE

Model

Spray Coverage

Inlet Conn. Size/Type\*

Material Code

Capacity Size

EXAMPLE

**D41990** **E** - **1/2** - **316L** - **21**

Add B prior to the inlet connection size/type for BSPT connections.

TANK DIA.  
UP TO **6.5 ft.** (2 m)

## TANKJET® D41990 TANK CLEANING NOZZLE

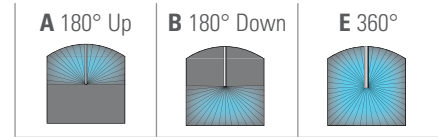
### TANKJET D41990 TANK CLEANING NOZZLE FEATURES AND BENEFITS

- Low pressure, low volume rinsing of small tanks and containers
- Fluid-driven reactionary force nozzle – no motor source needed to drive spray head
- Micro-size nozzle fits into very small tank openings – as small as 1 in. (25 mm)
- All 316L stainless steel construction for long wear life and corrosion resistance
- Suitable for high temperature applications up to 265°F (130°C)
- ATEX-certified versions available upon request



**R**  
RINSING

#### SPRAY COVERAGE



#### MOUNTING OPTIONS

Vertical	↑	↓
Horizontal	←	→
45° Up	↖	↗
45° Down	↙	↘



TankJet D41990  
tank cleaning nozzle



TankJet D41990  
tank cleaning nozzle,  
see page D18

For lances, mounting kits, adapters and more,  
see page G6

### SPECIFICATIONS

TankJet D41990 Tank Cleaning Nozzle	
Max. tank diameter:	6.5 ft. (2.0 m)
Operating principle:	Fluid-driven reactionary force
Flow rate:	2.4 to 10.6 gpm (9.0 to 40 lpm)
Operating pressure:	15 to 60 psi (1.0 to 4.0 bar)
Max. temperature:	265°F (130°C)
Materials:	316L stainless steel
Inlet connection:	3/8", 1/2", 3/4" NPT or BSPT (F), CIP 182 or 192
Optional accessories:	Strainers, recommended mesh size: 200 (74 micron) See page G2

#### IDEAL FOR CLEANING:

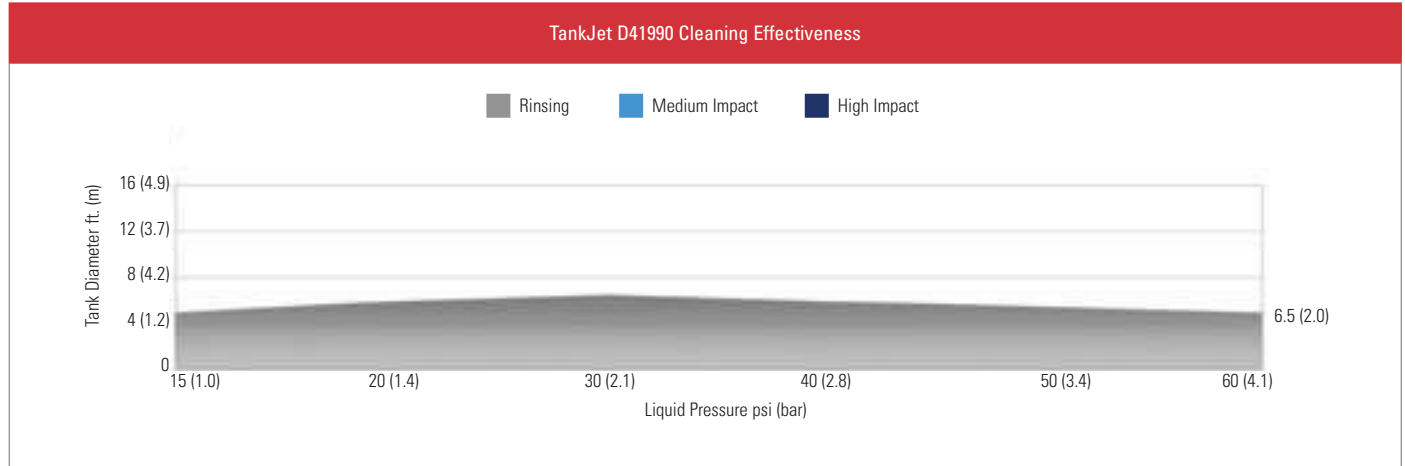
- Chemical tanks
- Beverage tanks
- Canisters
- Food tanks
- Kegs/drums
- Totes/containers

#### ADDITIONAL SIZES AVAILABLE

For D41990 up to 16 ft. see page D20



**PERFORMANCE DATA**



Nozzle Inlet	Capacity Size	Liquid Flow Capacity gpm (lpm)					
		15 psi (1.0 bar)	20 psi (1.4 bar)	30 psi (2.1 bar)	40 psi (2.8 bar)	50 psi (3.4 bar)	60 psi (4.1 bar)
3/8	3.2	2.4 (9.0)	2.7 (10.1)	3.1 (11.6)	3.4 (12.8)	3.6 (13.7)	3.9 (14.6)
	4.5	3.3 (12.5)	3.7 (14.1)	4.3 (16.3)	4.8 (18.1)	5.1 (19.4)	5.5 (21)
	6	4.4 (16.5)	4.9 (18.7)	5.7 (22)	6.4 (24)	6.9 (26)	7.3 (29)
	9	5.2 (19.5)	6.1 (23)	7.5 (29)	8.7 (33)	9.6 (26)	10.6 (40)

**DIMENSIONS AND WEIGHTS**

TankJet D41990 Tank Cleaning Nozzle	Inlet Conn. Size/Type	L in (mm)	A in (mm)	B in (mm)	C in (mm)	Pin Length in (mm)	Min. Tank Opening in (mm)	Weight lbs. (kg)
	3/8" Threaded	2.4 (60)	0.71 (18)	0.79 (20)	-	-	1 (25)	0.12 (0.05)
	CIP182	3.0 (77)	0.71 (18)	0.85 (21.5)	0.72 (18.2)	1.54 (39)	1.63 (41.4)	0.12 (0.05)

Additional sizes available:  
Page D18 – 1/2 in., 3/4 in. and CIP192 conn.

**ORDERING INFORMATION**

**TANKJET D41990 TANK CLEANING NOZZLE**

Nozzle Type

Spray Coverage

Inlet Conn. Size/Type\*

Material Code

Capacity Size

EXAMPLE

D41990

E

-

3/8

-

316L

-

3.2

\*Add B prior to inlet connection for BSPT connections.