TANKJET® D41990 TANK CLEANING NOZZLE

TANKJET D41990 TANK CLEANING NOZZLE FEATURES AND BENEFITS

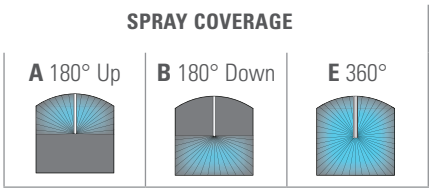
- Low-pressure, low-volume rinsing of small tanks and containers
- Fluid-driven reactionary force nozzle – no motor source needed to drive spray head
- Micro-size nozzle fits into very small tank openings – as small as 1 in. (25 mm)
- All 316L stainless steel construction for long wear life and corrosion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

R
RINSING



TankJet D41990 tank cleaning nozzle, see page E10

SPRAY COVERAGE



MOUNTING OPTIONS

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



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

ADDITIONAL SIZES AVAILABLE

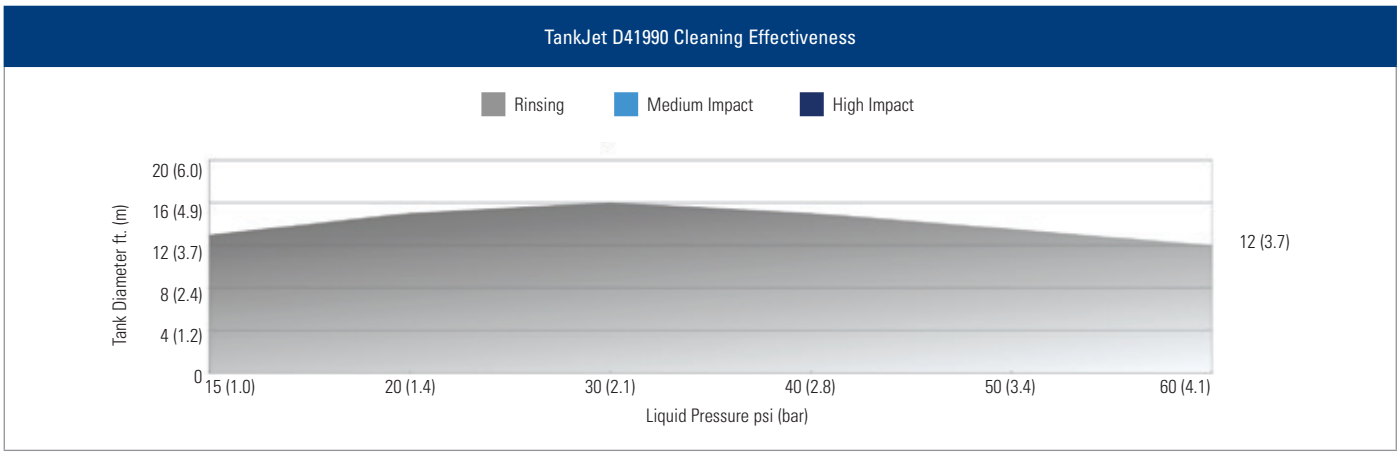
For D41990 up to 6.5 ft. see page E12

IDEAL FOR CLEANING:

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

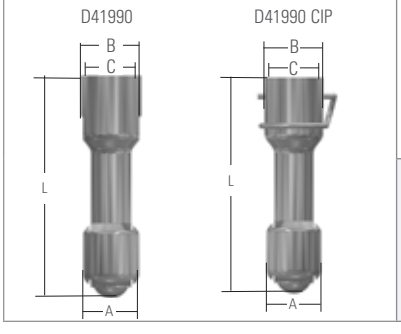
GEDO
Distribution et conseil : GEDO FRANCE
04 85 88 02 75 | tete@gedo.fr | tetelavage.gedo.fr
565 avenue du Prado - 13008 Marseille - France

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.

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TANKJET D41990 TANK CLEANING NOZZLE FEATURES AND BENEFITS

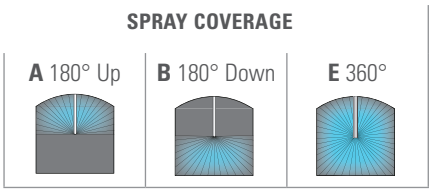
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R RINSING



TankJet D41990 tank cleaning nozzle

SPRAY COVERAGE



MOUNTING OPTIONS

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



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

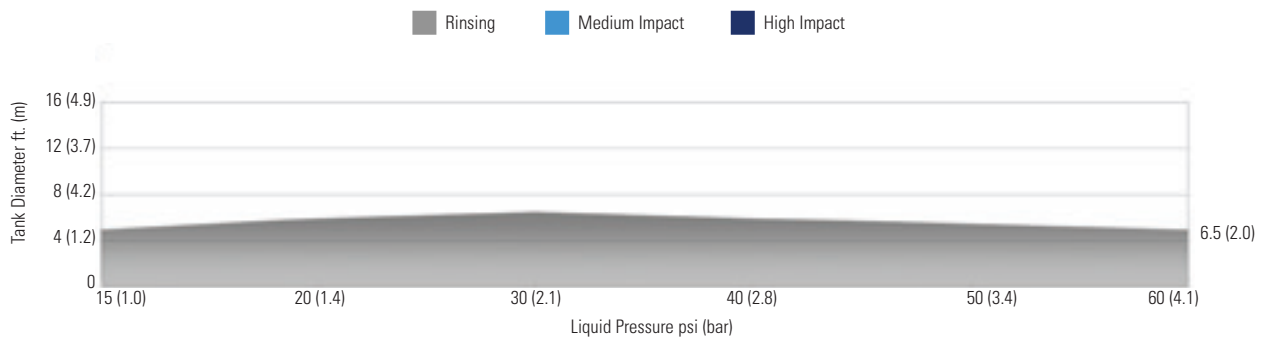
ADDITIONAL SIZES AVAILABLE

For D41990 up to 16 ft. see page D20

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PERFORMANCE DATA

TankJet D41990 Cleaning Effectiveness



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.

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