



ELECTRIC TUBE CLEANER

Model PTC-P For Chiller



- > Compact and durable for use in multiple locations.
- > Interchange different flexible shafts and cleaning tools.
- > Quick disconnect of flexible shafts—no tools required.
- > Foot switch operation to operate shaft rotation and water flow convenience, reduced water consumption and clean working area.

The PTC-P is build for technicians on the move. Used clean 5/16”- 1” I.D. tube in chillers, evaporators, heat exchangers. The flexible shaft rotates at 1450 rpm as water feeds through the nylon casing to the cleaning tool. As the tool removes the deposits, the water flow flushes them out. A solenoid valve ensures that water flow only when the machine is running.

Tube I.D.		Tube cleaner Model No.	Motor HP	Power kW	Motor speed RPM	Weight		High	Dimension Wide	Deep
Inch.	mm.					Ibs.	Kg.			
5/16”-1”	7.9-25.4	PTC-P	1/2	0.40	1450	32	18	12”(304mm.)	18”(477mm.)	12”(304mm.)

**All units available in your choice of: 115v 60 HZ, 115v 50HZ-9 Amps. Please Specify when ordering



FLEXBLE SHAFT WITH STAINLESS STEEL INNER CORE

When ordering Flexible Shaft and Accessories, each item should be ordered for specific tube /pipe size range. Shafts have color coded durable aluminum caps for easy identification. Stainless steel inner Cores ensure our shafts have longest life, flexibility and resistance to corrosion. To order Flexible Shaft(s), determine tube I.D.(s) To correspond with tube tube I.D(s) and lengths. Please ask us for special or longer lengths.

Tube I.D. Range		Flexible Shaft Model No.	Flexible Shaft feet	Length mtrs	Shaft Core O.D.		Shaft Casing O.D.		Tool End Thread
Inch.	mm.				Inch.	mm.	Inch.	mm.	
5/16-3/8	7.9-9.5	PFS701-25	25	7.5	1/8	3.2	1/4	6.4	8 -32F
7/16-1/2	11.1-12.7	PFS702-25	25	7.5	1/4	6.4	3/8	9.5	1/4 – 28F
		PFS702-33	33	10					
		PFS702-45	45	15					
9/16-1	14.3-25.4	PFS703-25	25	7.5	5/16	7.9	1/2	12.7	1/4 - 28F
		PFS703-33	33	10					
		PFS703-45	45	15					

STAINLESS STEEL BRUSHES



Used for removing soft and light scale deposits in straight ferrous tubes (carbon steel , stainless steel etc)

BRASS BRUSHES



Used for removing soft and light scale deposits in straight non-ferrous tubes

NYLON BRUSHES



Used for removing soft deposits in straight non ferrous tubes (copper , brass , plastic , etc)

Brush O.D.		Nylon Brush	Stainless Steel	Brass Brush	threading	Coupling
Inch.	mm.					
1/4	6.4	N-250	SS-250	B-250	8-32F	P-1(8-32M x 8-32M)
5/16	7.9	N-312	SS-312	B-312	8-32F	P-1(8-32M x 8-32M)
3/8	9.5	N-375	SS-375	B-375	12-24F	P-2(8-32M x12-24M)
7/16	11.1	N-437	SS-437	B-437	¼-28M	-
1/2	12.7	N-500	SS-500	B-500	¼-28M	-
9/16	14.3	N-562	SS-562	B-562	¼-28M	-
5/8	15.9	N-625	SS-625	B-625	¼-28M	-
11/16	17.5	N-687	SS-687	B-687	¼-28M	-
3/8	19.1	N-750	SS-750	B-750	¼-28M	-
13/16	20.6	N-812	SS-812	B-812	¼-28M	-
7/8	22.2	N-875	SS-875	B-875	¼-28M	-
15/16	23.8	N-937	SS-937	B-937	¼-28M	-
1	25.4	N-1000	SS-1000	B-1000	¼-28M	-

BUFFING TOOLS For tube / Pipes 5/16”-3” (7.9 – 76.2mm.) I.D.

Stainless steel Wire Buffing Tools are used for light to medium scale deposits or for finishing tubes previously “roughed out” with other cleaning tools They can be used in both ferrous and non-ferrous and non-ferrous tube. Buffing tool normally used in straight tubes but will go through very large radius bends.

Tube I.D.		Buffing Tool With Drill tip	Replacement Blades
Inch.	mm.		
5/16-3/8	7.9-9.5	PTC-203DT	PTC-207
3/8-1/2	9.5-12.7	PTC-204DT	PTC-207
1/2-9/16	12.7-14.3	PTC-205DT	PTC-208B
5/8-1	15.9-25.4	PTC-206DT	PTC-208B
1-3	25.4-79.2	PTC-223DT	PTC-224



Buffing Tool With Drill tip



Replacement Blades

CARBIDE DRILLS

Tube I.D.		“HZ” Cutter Heads
Inch	mm.	
1/4”	6.4	CB-025
3/8”	9.5	CB-037
7/16”	11.1	CB-043
1/2”	12.7	CB-050
9/16”	14.3	CB-056
5/8”	15.9	CB-062
11/16”	17.5	CB-068



Carbide Drill

**Carbide drill are used for cleaning straight tubes plugged solidly

With scale or deposit

Note: All drill run 10% oversize (e.g. CB-062 drill is 0.6875” (17.5 mm.) O.D.