

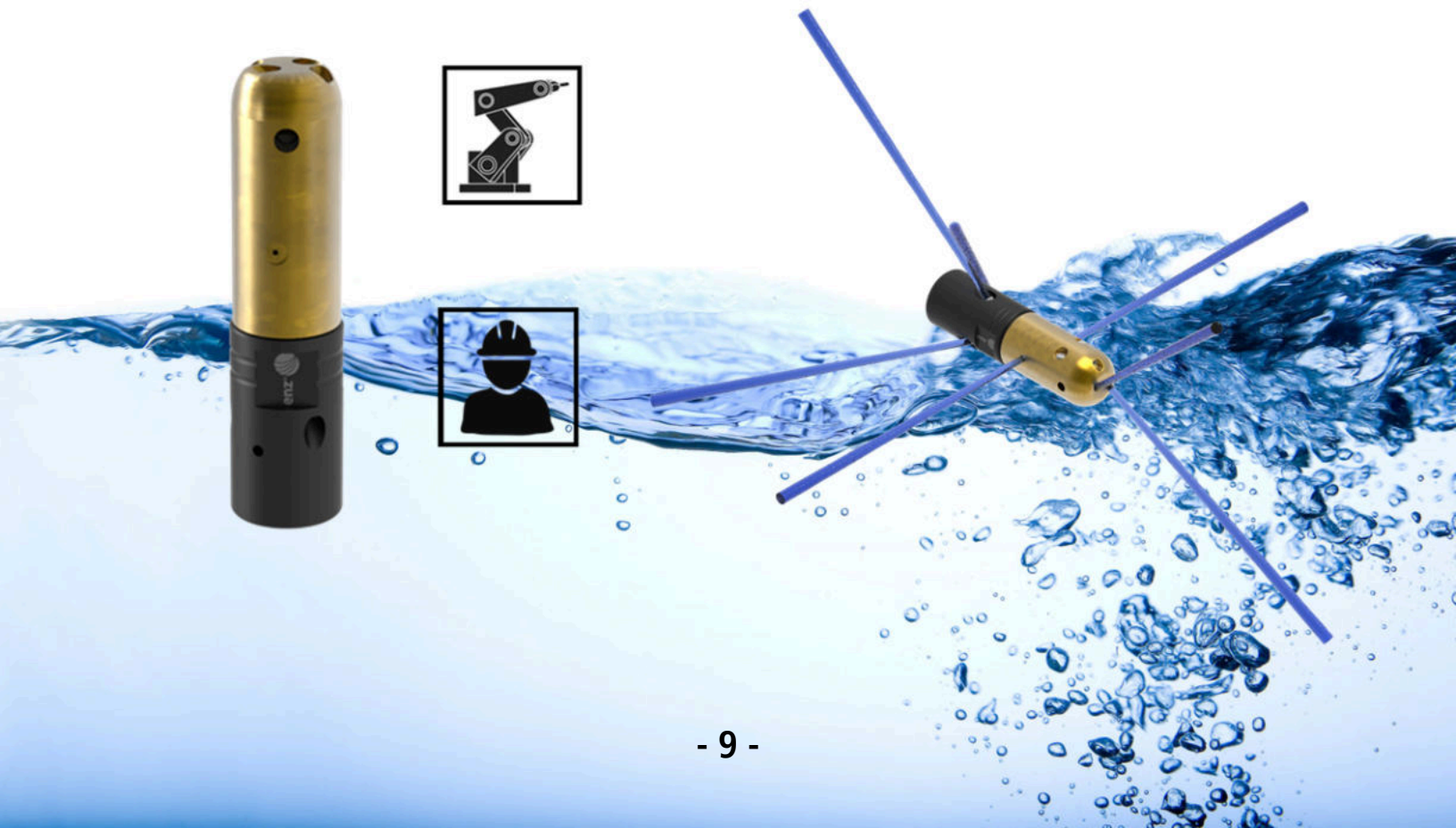
UC nozzles automated and manual

The enz® UC nozzles are universally applicable high-pressure cleaning nozzles, particularly for cleaning heat exchangers and heavily to fully clogged pipes.

Deposits are effectively removed by the forward-facing cross and thrust jets. Two radial jets at a 90° angle clean the pipe wall and ensure optimal rotational speed and cleaning performance. UC nozzles are available with or without thrust. Versions with thrust are suitable for manual use on cleaning lances as well as for automated cleaning systems.












Applications

- Cleaning heat exchangers in chemical, nuclear, atomic plants as well as general industrial cleaning














UC09



											
06.009-18-MS-2	M7	0.5 - 0.7	7.9 / 9.5	2 x 0.45	3 x 0.60	2 x 0.45	0.4 x 1.5	ok	ok	0.04	14,500 / 22,000
06.009-18-NS-1	1/16" NPT	0.5 - 0.7	7.9	2 x 0.45	3 x 0.60	2 x 0.45	0.4 x 1.5	ok	ok	0.04	14,500
06.009-18-ULS-2	1/4" x 28UNF LH	0.5 - 0.7	7.9 / 9.5	2 x 0.45	3 x 0.60	2 x 0.45	0.4 x 1.5	ok	ok	0.04	14,500 / 22,000
06.009-18-US-2	1/4" x 28UNF	0.5 - 0.7	7.9 / 9.5	2 x 0.45	3 x 0.60	2 x 0.45	0.4 x 1.5	ok	ok	0.04	14,500 / 22,000












UC09 with male thread



											
06.009-18-Ubs-2	5/16" x 24 UNF (male)	0.5 - 0.7	7.9 / 9.5	2 x 0.45	3 x 0.60	2 x 0.45	0.4 x 1.8	ok	ok	0.04	14,500 / 22,000












UC13-18



											
06.013-18-NS-1	1/8" NPT	0.6 - 0.8	7.4	2 x 0.50	3 x 0.60	2 x 0.50	0.5 x 1.9	ok	ok	0.06	14,500
06.013-18-S-2	1/8" BSPP	0.6 - 0.8	7.4 / 9.5	2 x 0.50	3 x 0.60	2 x 0.50	0.5 x 1.9	ok	ok	0.06	14,500 / 22,000
06.013-18-UALS-2	1/4" x 28UNF LH	0.6 - 0.8	7.4 / 9.5	2 x 0.50	3 x 0.60	2 x 0.50	0.5 x 1.9	ok	ok	0.06	14,500 / 22,000
06.013-18-UAS-2	1/4" x 28UNF	0.6 - 0.8	7.4 / 9.5	2 x 0.50	3 x 0.60	2 x 0.50	0.5 x 1.9	ok	ok	0.06	14,500 / 22,000
06.013-18-UBLS-2	3/8" x 24UNF LH	0.6 - 0.8	7.4 / 9.5	2 x 0.50	3 x 0.60	2 x 0.50	0.4 x 1.9	ok	ok	0.06	14,500 / 22,000
06.013-18-UBS-2	3/8" x 24UNF	0.6 - 0.8	7.4 / 9.5	2 x 0.50	3 x 0.60	2 x 0.50	0.5 x 1.9	ok	ok	0.06	14,500 / 22,000












UC13-30



											
06.013-30-NS-1	1/8" NPT	0.6 - 0.8	11.1	2 x 0.70	3 x 0.60	2 x 0.70	0.5 x 1.9	ok	ok	0.06	14,500
06.013-30-UALS-2	1/4" x 28UNF LH	0.6 - 0.8	11.1 / 13.7	2 x 0.70	3 x 0.60	2 x 0.70	0.5 x 1.9	ok	ok	0.06	14,500 / 22,000
06.013-30-UAS-2	1/4" x 28UNF	0.6 - 0.8	11.1 / 13.7	2 x 0.70	3 x 0.60	2 x 0.70	0.5 x 1.9	ok	ok	0.06	14,500 / 22,000
06.013-30-UBLS-2	3/8" x 24UNF LH	0.6 - 0.8	11.1 / 13.7	2 x 0.70	3 x 0.60	2 x 0.70	0.5 x 1.0	ok	ok	0.06	14,500 / 22,000
06.013-30-UBS-2	3/8" x 24UNF	0.6 - 0.8	11.1 / 13.7	2 x 0.70	3 x 0.60	2 x 0.70	0.5 x 1.9	ok	ok	0.06	14,500 / 22,000












UC18-30



											
06.018-30-AS-2	1/8" BSPP	0.9 - 1.1	8.7 / 11.6	2 x 0.50	3 x M3	2 x 0.50	0.7 x 2.6	ok	ok	0.17	14,500 / 22,000
06.018-30-BS-2	1/4" BSPP	0.9 - 1.1	8.7 / 11.6	2 x 0.50	3 x M3	2 x 0.50	0.7 x 2.6	ok	ok	0.17	14,500 / 22,000
06.018-30-NBS-1	1/4" NPT	0.9 - 1.1	8.7	2 x 0.50	3 x M3	2 x 0.50	0.7 x 2.6	ok	ok	0.17	14,500
06.018-30-UBLS-2	3/8" x 24UNF LH	0.9 - 1.1	8.7 / 11.6	2 x 0.50	3 x M3	2 x 0.50	0.7 x 2.6	ok	ok	0.17	14,500 / 22,000
06.018-30-UCLS-2	9/16" x 18UNF LH	0.9 - 1.1	8.7 / 11.6	2 x 0.50	3 x M3	2 x 0.50	0.7 x 2.6	ok	ok	0.17	14,500 / 22,000
06.018-30-UCS-2	9/16" x 18UNF	0.9 - 1.1	8.7 / 11.6	2 x 0.50	3 x M3	2 x 0.50	0.7 x 2.6	ok	ok	0.17	14,500 / 22,000












UC18-50



											
06.018-50-AS-2	1/8" BSPP	0.9 - 1.5	13.7 / 17.7	2 x 0.75	3 x M3	2 x 0.75	0.7 x 2.6	ok	ok	0.17	14,500 / 22,000
06.018-50-BS-2	1/4" BSPP	0.9 - 1.5	13.7 / 17.7	2 x 0.75	3 x M3	2 x 0.75	0.7 x 2.6	ok	ok	0.17	14,500 / 22,000
06.018-50-NBS-1	1/4" NPT	0.9 - 1.5	13.7	2 x 0.75	3 x M3	2 x 0.75	0.7 x 2.6	ok	ok	0.17	14,500
06.018-50-UBLS-2	3/8" x 24UNF LH	0.9 - 1.5	13.7 / 17.7	2 x 0.75	3 x M3	2 x 0.75	0.7 x 2.6	ok	ok	0.17	14,500 / 22,000
06.018-50-UCLS-2	9/16" x 18UNF LH	0.9 - 1.5	13.7 / 17.7	2 x 0.75	3 x M3	2 x 0.75	0.7 x 2.6	ok	ok	0.17	14,500 / 22,000
06.018-50-UCS-2	9/16" x 18UNF	0.9 - 1.5	13.7 / 17.7	2 x 0.75	3 x M3	2 x 0.75	0.7 x 2.6	ok	ok	0.17	14,500 / 22,000












UC18-70



											
06.018-70-BS-2	1/4" BSPP	0.9 - 1.0	20.6 / 25.4	2 x 0.90	3 x M3	2 x 0.90	0.7 x 2.6	ok	ok	0.17	14,500 / 22,000
06.018-70-NBS-1	1/4" NPT	0.9 - 1.0	20.6	2 x 0.90	3 x M3	2 x 0.90	0.7 x 2.6	ok	ok	0.17	14,500
06.018-70-UBLS-2	3/8" x 24UNF LH	0.9 - 1.0	20.6 / 25.4	2 x 0.90	3 x M3	2 x 0.90	0.7 x 2.6	ok	ok	0.17	14,500 / 22,000
06.018-70-UCLS-2	9/16" x 18UNF LH	0.9 - 1.0	20.6 / 25.4	2 x 0.90	3 x M3	2 x 0.90	0.7 x 2.6	ok	ok	0.17	14,500 / 22,000
06.018-70-UCS-2	9/16" x 18UNF	0.9 - 1.0	20.6 / 25.4	2 x 0.90	3 x M3	2 x 0.90	0.7 x 2.6	ok	ok	0.17	14,500 / 22,000












UC22



											
06.022-AS-2	1/4" BSPP	1.0 - 1.1	10.6 / 13.2	2 x M4	3 x M4	2 x M4	0.9 x 2.8	ok	ok	0.29	14,500 / 22,000
06.022-NAS-1	1/4" NPT	1.0 - 1.1	10.6	2 x M4	3 x M4	2 x M4	0.9 x 2.8	ok	ok	0.29	14,500
06.022-NBS-1	3/8" NPT	1.0 - 1.1	10.6	2 x M4	3 x M4	2 x M4	0.9 x 2.8	ok	ok	0.29	14,500
06.022-UBLS-2	9/16" x 18UNF LH	1.0 - 1.1	10.6 / 13.2	2 x M4	3 x M4	2 x M4	0.9 x 2.8	ok	ok	0.29	14,500 / 22,000
06.022-UBS-2	9/16" x 18UNF	1.0 - 1.1	10.6 / 13.2	2 x M4	3 x M4	2 x M4	0.9 x 2.8	ok	ok	0.29	14,500 / 22,000

UC28



											
06.028-AS-2	1/4" BSPP	1.4 - 1.6	10.6 / 13.2	2 x M4	3 x M4	2 x M4	1.1 x 3.3	ok	ok	0.46	14,500 / 22,000
06.028-BS-2	3/8" BSPP	1.4 - 1.6	10.6 / 13.2	2 x M4	3 x M4	2 x M4	1.1 x 3.3	ok	ok	0.46	14,500 / 22,000
06.028-NBS-1	3/8" NPT	1.4 - 1.6	10.6	2 x M4	3 x M4	2 x M4	1.1 x 3.3	ok	ok	0.46	14,500
06.028-UBLS-2	9/16" x 18UNF LH	1.4 - 1.6	10.6 / 13.2	2 x M4	3 x M4	2 x M4	1.1 x 3.3	ok	ok	0.46	14,500 / 22,000
06.028-UBS-2	9/16" x 18UNF	1.4 - 1.6	10.6 / 13.2	2 x M4	3 x M4	2 x M4	1.1 x 3.3	ok	ok	0.46	14,500 / 22,000

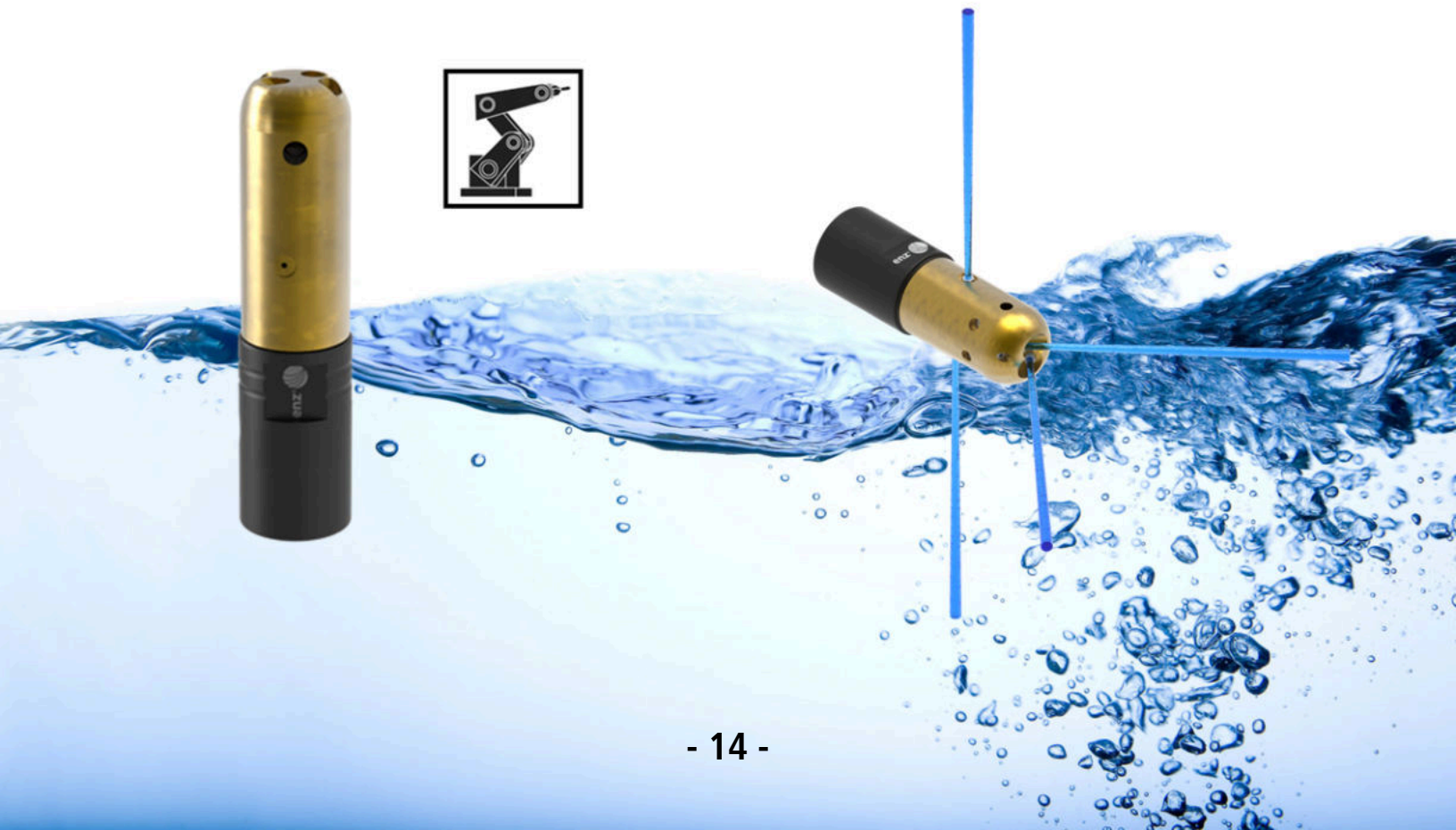
UC nozzles automated

The enz® UC nozzles are universally applicable high-pressure cleaning nozzles, particularly for cleaning heat exchangers and heavily to fully clogged pipes.

Deposits are effectively removed by the forward-facing cross jets. Two radial jets at a 90° angle clean the pipe wall and ensure optimal rotational speed and cleaning performance. UC nozzles are available with or without thrust. Versions without thrust are suitable for use in automated cleaning systems.












Applications

- Cleaning heat exchangers in chemical, nuclear, atomic plants as well as general industrial cleaning














UC09



											
06.009-18-M-2	M7	0.5 - 0.7	4 / 4.8	2 x 0.45	-	2 x 0.45	0.4 x 1.5	-	ok	0.04	14,500 / 22,000
06.009-18-N-1	1/16" NPT	0.5 - 0.7	4.0	2 x 0.45	-	2 x 0.45	0.4 x 1.5	-	ok	0.04	14,500
06.009-18-U-2	1/4" x 28UNF	0.5 - 0.7	4 / 4.8	2 x 0.45	-	2 x 0.45	0.4 x 1.5	-	ok	0.04	14,500 / 22,000
06.009-18-UL-2	1/4" x 28UNF LH	0.5 - 0.7	4.0 / 4.8	2 x 0.45	-	2 x 0.45	0.4 x 1.5	-	ok	0.04	14,500 / 22,000












UC09 with male thread



											
06.009-18-Ub-2	5/16" x 24 UNF (male)	0.5 - 0.7	4.0 / 4.8	2 x 0.45	-	2 x 0.45	0.4 x 1.8	-	ok	0.04	14,500 / 22,000












UC13-18



											
06.013-18-2	1/8" BSPP	0.6 - 0.8	4.2 / 4.8	2 x 0.50	-	2 x 0.50	0.5 x 1.9	-	ok	0.06	14,500 / 22,000
06.013-18-N-1	1/8" NPT	0.6 - 0.8	4.2	2 x 0.50	-	2 x 0.50	0.5 x 1.9	-	ok	0.06	14,500
06.013-18-UA-2	1/4" x 28UNF	0.6 - 0.8	4.2 / 4.8	2 x 0.50	-	2 x 0.50	0.5 x 1.9	-	ok	0.06	14,500 / 22,000
06.013-18-UAL-2	1/4" x 28UNF LH	0.6 - 0.8	4.2 / 4.8	2 x 0.50	-	2 x 0.50	0.5 x 1.9	-	ok	0.06	14,500 / 22,000
06.013-18-UB-2	3/8" x 24UNF	0.6 - 0.8	4.2 / 4.8	2 x 0.50	-	2 x 0.50	0.5 x 1.9	-	ok	0.06	14,500 / 22,000
06.013-18-UBL-2	3/8" x 24UNF LH	0.6 - 0.8	4.2 / 4.8	2 x 0.50	-	2 x 0.50	0.5 x 1.9	-	ok	0.06	14,500 / 22,000










UC13-30



											
06.013-30-2	1/8" BSPP	0.6 - 0.8	6.3 / 7.9	2 x 0.70	-	2 x 0.70	0.5 x 1.9	-	ok	0.06	14,500 / 22,000
06.013-30-N-1	1/8" NPT	0.6 - 0.8	6.3	2 x 0.70	-	2 x 0.70	0.5 x 1.9	-	ok	0.06	14,500
06.013-30-UA-2	1/4" x 28UNF	0.6 - 0.8	6.3 / 7.9	2 x 0.70	-	2 x 0.70	0.5 x 1.9	-	ok	0.06	14,500 / 22,000
06.013-30-UAL-2	1/4" x 28UNF LH	0.6 - 0.8	6.3 / 7.9	2 x 0.70	-	2 x 0.70	0.5 x 1.9	-	ok	0.06	14,500 / 22,000
06.013-30-UB-2	3/8" x 24UNF	0.6 - 0.8	6.3 / 7.9	2 x 0.70	-	2 x 0.70	0.5 x 1.9	-	ok	0.06	14,500 / 22,000
06.013-30-UBL-2	3/8" x 24UNF LH	0.6 - 0.8	6.3 / 7.9	2 x 0.70	-	2 x 0.70	0.5 x 1.9	-	ok	0.06	14,500 / 22,000












UC18-30



											
06.018-30-A-2	1/8" BSPP	0.9 - 1.1	5.3 / 6.3	2 x 0.50	-	2 x 0.50	0.7 x 2.6	-	ok	0.17	14,500 / 22,000
06.018-30-B-2	1/4" BSPP	0.9 - 1.1	5.3 / 6.3	2 x 0.50	-	2 x 0.50	0.7 x 2.6	-	ok	0.17	14,500 / 22,000
06.018-30-NB-1	1/4" NPT	0.9 - 1.1	5.3	2 x 0.50	-	2 x 0.50	0.7 x 2.6	-	ok	0.17	14,500
06.018-30-UBL-2	3/8" x 24UNF LH	0.9 - 1.1	5.3 / 6.3	2 x 0.50	-	2 x 0.50	0.7 x 2.6	-	ok	0.17	14,500 / 22,000
06.018-30-UC-2	9/16" x 18UNF	0.9 - 1.1	5.3 / 6.3	2 x 0.50	-	2 x 0.50	0.7 x 2.6	-	ok	0.17	14,500 / 22,000
06.018-30-UCL-2	9/16" x 18UNF LH	0.9 - 1.1	5.3 / 6.3	2 x 0.50	-	2 x 0.50	0.7 x 2.6	-	ok	0.17	14,500 / 22,000












UC18-50



											
06.018-50-A-2	1/8" BSPP	0.9 - 1.5	9.2 / 10.6	2 x 0.75	-	2 x 0.75	0.7 x 2.6	-	ok	0.17	14,500 / 22,000
06.018-50-B-2	1/4" BSPP	0.9 - 1.5	9.2 / 10.6	2 x 0.75	-	2 x 0.75	0.7 x 2.6	-	ok	0.17	14,500 / 22,000
06.018-50-NB-1	1/4" NPT	0.9 - 1.5	9.2	2 x 0.75	-	2 x 0.75	0.7 x 2.6	-	ok	0.17	14,500
06.018-50-UBL-2	3/8" x 24UNF LH	0.9 - 1.5	9.2 / 10.6	2 x 0.75	-	2 x 0.75	0.7 x 2.6	-	ok	0.17	14,500 / 22,000
06.018-50-UC-2	9/16" x 18UNF	0.9 - 1.5	9.2 / 10.6	2 x 0.75	-	2 x 0.75	0.7 x 2.6	-	ok	0.17	14,500 / 22,000
06.018-50-UCL-2	9/16" x 18UNF LH	0.9 - 1.5	9.2 / 10.6	2 x 0.75	-	2 x 0.75	0.7 x 2.6	-	ok	0.17	14,500 / 22,000













UC18-70



											
06.018-70-B-2	1/4" BSPP	0.9 - 1.0	12.7 / 14.8	2 x 0.90	-	2 x 0.90	0.7 x 2.6	-	ok	0.17	14,500 / 22,000
06.018-70-NB-1	1/4" NPT	0.9 - 1.0	12.7	2 x 0.90	-	2 x 0.90	0.7 x 2.6	-	ok	0.17	14,500
06.018-70-UBL-2	3/8" x 24UNF LH	0.9 - 1.0	12.7 / 14.8	2 x 0.90	-	2 x 0.90	0.7 x 2.6	-	ok	0.17	14,500 / 22,000
06.018-70-UC-2	9/16" x 18UNF	0.9 - 1.0	12.7 / 14.8	2 x 0.90	-	2 x 0.90	0.7 x 2.6	-	ok	0.17	14,500 / 22,000
06.018-70-UCL-2	9/16" x 18UNF LH	0.9 - 1.0	12.7 / 14.8	2 x 0.90	-	2 x 0.90	0.7 x 2.6	-	ok	0.17	14,500 / 22,000













UC22



												
06.022-A-2	1/4" BSPP	1.0 - 1.1	6.6 / 7.9	2 x M4	-	2 x M4	0.9 x 2.8	-	-	ok	0.29	14,500 / 22,000
06.022-NA-1	1/4" NPT	1.0 - 1.1	6.6	2 x M4	-	2 x M4	0.9 x 2.8	-	-	ok	0.29	14,500
06.022-NB-1	3/8" NPT	1.0 - 1.1	6.6	2 x M4	-	2 x M4	0.9 x 2.8	-	-	ok	0.29	14,500
06.022-UB-2	9/16" x 18UNF	1.0 - 1.1	6.6 / 7.9	2 x M4	-	2 x M4	0.9 x 2.8	-	-	ok	0.29	14,500 / 22,000
06.022-UBL-2	9/16" x 18UNF LH	1.0 - 1.1	6.6 / 7.9	2 x M4	-	2 x M4	0.9 x 2.8	-	-	ok	0.29	14,500 / 22,000

UC28



												
06.028-A-2	1/4" BSPP	1.4 - 1.6	6.6 / 7.9	2 x M4	-	2 x M4	1.1 x 3.3	-	-	ok	0.46	14,500 / 22,000
06.028-B-2	3/8" BSPP	1.4 - 1.6	6.6 / 7.9	2 x M4	-	2 x M4	1.1 x 3.3	-	-	ok	0.46	14,500 / 22,000
06.028-NB-1	3/8" NPT	1.4 - 1.6	6.6	2 x M4	-	2 x M4	1.1 x 3.3	-	-	ok	0.46	14,500
06.028-UB-2	9/16" x 18UNF	1.4 - 1.6	6.6 / 7.9	2 x M4	-	2 x M4	1.1 x 3.3	-	-	ok	0.46	14,500 / 22,000
06.028-UBL-2	9/16" x 18UNF LH	1.4 - 1.6	6.6 / 7.9	2 x M4	-	2 x M4	1.1 x 3.3	-	-	ok	0.46	14,500 / 22,000

UC nozzles 43,000 psi automated and manual

The enz® UC13-3 nozzle cleans pipes, e.g., industrial heat exchangers and pipelines. Its compact design allows cleaning of straight and bent pipes at pressures up to 3,000 bar (43,000 psi). The enz® cross-jet technology effectively clears blockages. Sapphire inserts focus the water jets to increase cleaning performance, while the enz® water brake regulates rotational speed, ensuring maximum impact force and optimal cleaning. UC nozzles (3,000 bar/43,000 psi) are available with or without thrust. Versions with thrust are suitable for manual use on cleaning lances and for automated cleaning systems.












Application

- Unblock hard, tough deposits of polymer, mineral, salts, or carbonized scales and residues
- Polish for inspection, e.g. IRIS – or simple universal cleaning
- Manual or automated tube cleaning – single and multi-lance



UC13-43K psi



											
06.013-UALS-3	1/4"-28 UNF LH	0.6 - 1.0	5.3	2 x M2.5	3 x M2.5	2 x M2.5	0.5 x 2.1	ok	ok	0.1	43,000
06.013-UBLS-3	3/8"-24 UNF LH	0.6 - 1.0	5.3	2 x M2.5	3 x M2.5	2 x M2.5	0.5 x 2.1	ok	ok	0.1	43,000