



HYPRO®

SPRAY PRODUCTS

High Pressure (HP) Stainless Steel Nozzles

Nozzles for Car Wash and Pressure Cleaning

**NEW
DESIGN!**



Constructed from precision-machined and hardened stainless steel, the HP is ideal for high pressure cleaning applications, including car wash and rinse.



They provide a high impact spray with an efficient and uniform distribution to reduce operating cost and increase cleaning ability.

FEATURES & BENEFITS:

- Achieves up to 16%* greater impact than competitive high pressure nozzles, making them the best value on the market today
- Hardened 416 stainless steel, the industry standard for long life
- Reliable performance in high pressure applications up to 4000 psi
- High-impact spray in a tightly-formed fan pattern has minimum energy loss
- Consistent, even distribution provides uniform cleaning without overlapping
- Protected outlet design guards the orifice during installation and use
- Versatile 1/4" and 1/8" NPT connections suit a variety of applications
- Variety of flows and angles available to meet a wide range of needs
- Improved marking for easy identification and replacement
- Available spray angles: 0°, 5°, 15°, 25°, 40°

*Commissioned with an independent tester

High Pressure Nozzles

SPECIFICATIONS

US Units

Spray Nozzle Size	Flow Rate, US GPM													
	Pressure (PSI)													
	300	400	500	600	700	800	1000	1250	1500	2000	2500	3000	3500	4000
02	0.55	0.63	0.71	0.77	0.84	0.89	1.00	1.12	1.22	1.41	1.58	1.73	1.87	2.00
03	0.82	0.95	1.60	1.16	1.25	1.34	1.50	1.68	1.84	2.12	2.37	2.06	2.81	3.00
035	0.96	1.11	1.24	1.36	1.46	1.57	1.75	1.96	2.14	2.47	2.77	3.03	3.27	3.50
04	1.10	1.26	1.41	1.55	1.67	1.79	2.00	2.24	2.45	2.83	3.16	3.46	3.74	4.00
045	1.23	1.42	1.59	1.74	1.88	2.01	2.25	2.52	2.76	3.18	3.56	3.90	4.21	4.50
05	1.37	1.58	1.77	1.94	2.09	2.24	2.50	2.80	3.06	3.54	3.95	4.33	4.68	5.00
055	1.51	1.74	1.94	2.13	2.30	2.46	2.75	3.07	3.37	3.89	4.35	4.76	5.14	5.50
06	1.64	1.90	2.12	2.32	2.51	2.68	3.00	3.35	3.67	4.24	4.74	5.20	5.61	6.00
065	1.78	2.06	2.30	2.52	2.72	2.91	3.25	3.68	3.98	4.60	5.14	5.63	6.08	6.50
07	1.92	2.21	2.47	2.71	2.93	3.13	3.50	3.91	4.29	4.95	5.53	6.06	6.55	7.00
075	2.05	2.37	2.65	2.90	3.14	3.35	3.75	4.19	4.59	5.30	5.93	6.50	7.02	7.50
08	2.19	2.53	2.83	3.10	3.35	3.58	4.00	4.47	4.90	5.66	6.32	6.93	7.48	8.00
085	2.33	2.69	3.01	3.29	3.56	3.80	4.25	4.75	5.21	6.01	6.72	7.36	7.95	8.50
09	2.46	2.85	3.18	3.49	3.76	4.02	4.50	5.03	5.51	6.36	7.12	7.79	8.42	9.00

Metric Units

Spray Nozzle Size	Flow Rate, Metric L/PM													
	Pressure (BAR)													
	20	30	40	50	60	80	100	120	140	160	180	200	240	280
02	2.00	2.45	2.83	3.16	3.46	4.00	4.47	4.90	5.3	5.7	6.0	6.3	6.9	7.5
03	3.00	3.67	4.24	4.74	5.2	6.0	6.7	7.3	7.9	8.5	9.0	9.5	10.4	11.2
035	3.50	4.29	4.95	5.5	6.1	7.0	7.8	8.6	9.3	9.9	10.5	11.1	12.1	13.1
04	4.00	4.90	5.7	6.3	6.9	8.0	8.9	9.8	10.6	11.3	12.0	12.6	13.9	15.0
045	4.50	5.5	6.4	7.1	7.8	9.0	10.1	11.0	11.9	12.7	13.5	14.2	15.6	16.8
05	5.0	6.1	7.1	7.9	8.7	10.0	11.2	12.2	13.2	14.1	15.0	15.8	17.3	18.7
055	5.5	6.7	7.8	8.7	9.5	11.0	12.3	13.5	14.6	15.6	16.5	17.4	19.1	20.6
06	6.0	7.3	8.5	9.5	10.4	12.0	13.4	14.7	15.9	17.0	18.0	19.0	20.8	22.4
065	6.5	8.0	9.2	10.3	11.3	13.0	14.5	15.9	17.2	18.4	19.5	20.6	22.5	24.3
07	7.0	8.6	9.9	11.1	12.1	14.0	15.7	17.1	18.5	19.8	21.0	22.1	24.2	26.2
075	8.0	9.8	11.3	12.6	13.9	16.0	17.9	19.6	21.2	22.6	24.0	25.3	27.7	29.9
08	8.5	10.4	12.0	13.4	14.7	17.0	19.0	20.8	22.5	24.0	25.5	26.9	29.4	31.8
085	9.0	11.0	12.7	14.2	15.6	18.0	20.1	22.0	23.8	25.5	27.0	28.5	31.2	33.7
09	10.0	12.2	14.1	15.8	17.3	20.0	22.4	24.5	26.5	28.3	30.0	31.6	34.6	37.4

Available Spray Angles*

In Stock Available Contact Factory

Degree	Size														
	02	03	035	04	045	05	055	06	065	07	075	08	085	09	
1/8" NPT	0°	x	x	x	x	x	x	x	x	x	x	x	x		
	5°	x			x		x		x						
	15°	x	x	x	x	x	x	x	x	x	x	x	x	x	
	25°	x	x	x	x	x	x	x	x	x	x	x	x		
	40°	x	x	x	x	x	x	x	x	x	x	x	x		
1/4" NPT	0°	x	x	x	x	x	x	x	x	x	x	x	x		
	5°				x		x						x		x
	15°	x	x	x	x	x	x	x	x	x	x	x	x		
	25°	x	x	x	x	x	x	x	x	x	x	x	x		
	40°	x	x	x	x	x	x	x	x	x	x	x	x		

Sample Part Number: HP1/4-2504

Breakdown:

HP 1/4 - 25 04

model connection spray angle size
HP 1/4" NPT 25° 04



Pentair

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* For additional sizes, please contact Technical/Applications at 1-800-445-8360