



PROMAX is used dilute concentrated products, using a “Venturi tube” system. The advantage of these systems is the water/chemical mixing that creates a product which is ready to use.

Promax is an automatic dilution system that requires no current or power supplies of any kind, the suction is created from the force of the water supply. **Promax** finds its greatest application in the dilution of concentrated products suitable for cleaning and disinfecting surfaces. The most common applications and the recommended Promax models are as follows:

- **Filling bottles: Promax 4l/min**
- **Filling buckets: Promax 16l/min**
- **Filling tanks and floor washers: Promax 16-30l/min**

The products used in these applications can be:

Odour removers, Glass and multi-surface cleaners, Degreasers, Concentrated cleaners, Deep-cleaning foaming products, Sanitizers, Ammonia, Deodoriser cleaners, Floor and multi-surface cleaners, Multi-surface degreasers ... etc

TECHNICAL FEATURES:

Water supply connection	Possible from right or left			
Type of connection	¾" Female GHT or GAS			
Type of disconnection	F-Gap (Flexible membrane)			
	A-Gap (Physical, Visible Gap)			
Venturi flow rates	1 GPM (4 LPM) (Gray)	3,5 GPM (14 LPM) (Light Yellow)	4 GPM (16 LPM) (Light Yellow)	8 GPM (30 LPM) (Blue)
Actuating systems	Button unlockable (4 l/min)			
	Button lockable (16-30 l/min)			
No. of product inlets	4 products			
Working pressure	Min 15 PSI (1bar)		Max 130 PSI (9bar)	
	Ideal: 30 – 60 PSI (2 – 4 bar)			
Water temperature	40 – 160 °F (5 – 70 °C)			
Notes	Possibility of adding modules after installation			
Environment Temperature	40 – 120 °F (5 – 50 °C)			
Storage Temperature	-4 – 140 °F (-20 – 60 °C)			

PACKAGING:

- Dispenser
- Pick up tube - 13ft (4 m) (4pcs)
- Discharge hose 6.5ft (2 m) for 16-30lt/min (4 - 8 GPM) or “S” shaped discharge tube for 4lt/min (1 GPM) spray bottle fill
- Hose Hanger (only if hose 6.5ft is present)
- Complete installation kit:
 - Plastic clamps (4 pcs)
 - Metering tips (4 bag)
 - Foot filter and non-return valve assembly (4 pcs)
 - Ceramic weight (4 pcs)
 - Anchors (3pcs)
 - Screws (3pcs)
 - Washers (3pcs)
 - Coupler (for ganging two or more units together)
 - ¾" male GHT Fitting- ¾" male GHT Fitting
 - Adhesive Labels for container identification (4 chart)
 - Adhesive Labels for product identification (4 chart)

DISPENSER KEY CODE

1-2	NAME	
PX	PROMAX	
3	ATTIVATION METHOD	
B	BUTTON	
4	NUMBER OF PRODUCTS	
4	4 PRODUCT	
5	TYPE OF BACKFLOW PREVENT	
F	FLEX GAP	
A	AIR GAP	
N	NO GAP	
6-7	FLOWRATE	
04	4 LPM (1 GPM)	
16	16 LPM (4.2 GPM)	
30	30 LPM (7.9 GMP)	
8	MARKET	
U	USA	
S	EUROPE (STD)	
V	UK	
C	CHINA	
J	JAPAN	
K	NETHERLAND/BELGIUM	
9-12	CUSTOMIZATION	
0000	Standard	

PX	B	4	F	16	U	0000
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VENTURI CHARACTERISTICS

The dilution ratio refer to the dynamic pressure of 40 PSI (2,76bar) with water thin products.

STANDARD METERING TIP	Tip color	Diameter mm
	No tip	\
	Grey	3.25
	Black	2.54
	Beige	1.78
	Red	1.32
	White	1.09
	Blue	1.01
	Tan	0.88
	Green	0.71
	Orange	0.63
	Brown	0.58
	Yellow	0.51
	Aqua	0.46
	Purple	0.36
	Pink	0.25
Clear	\	

ULTRALEAN TIP	Lime	0.228
	Burgundy	0.208
	Pumpkin	0.168
	Copper	0.155

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Flex-Gap

4 It/min Model			
Oz/Gal	gr/ft	%	Ratio
50.1	411.7	41.2	24 :1
46.6	382.7	38.3	2.6 :1
43.7	359.0	35.9	2.8 :1
32.3	265.8	26.6	3.8 :1
20.1	165.2	16.5	6.1 :1
13.0	106.8	10.7	9.4 :1
11.5	94.8	9.5	10.6 :1
8.7	71.2	7.1	14.0 :1
6.1	49.9	5.0	20.0 :1
5.1	42.2	4.2	23.7 :1
3.4	28.1	2.8	35.6 :1
3.3	27.1	2.7	36.9 :1
2.6	21.6	2.2	46.3 :1
1.3	11.0	1.1	90.9 :1
0.7	5.5	0.6	181.8 :1
No hole			

0.52	4.30	0.43	233 :1
0.37	3.00	0.30	333 :1
0.28	2.30	0.23	435 :1
0.19	1.60	0.16	625 :1

14 It/min Model			
Oz/Gal	gr/ft	%	Ratio
21.6	177.3	17.7	5.6 :1
20.8	171.0	17.1	5.9 :1
19.5	160.1	16.0	6.3 :1
14.4	118.2	11.8	8.5 :1
9.2	75.3	7.5	13.3 :1
6.0	49.4	4.9	20.2 :1
5.2	42.7	4.3	23.4 :1
3.9	31.8	3.2	31.5 :1
2.3	19.0	1.9	52.6 :1
1.8	14.6	1.5	68.5 :1
1.5	12.5	1.3	80.0 :1
1.3	10.4	1.0	96.2 :1
1.0	8.3	0.8	120.5 :1
0.6	4.6	0.5	217.4 :1
0.3	2.5	0.3	400.0 :1
No hole			

0.26	2.10	0.21	476 :1
0.19	1.60	0.16	625 :1
0.15	1.20	0.12	833 :1
0.10	0.80	0.08	1250 :1

Flex-Gap

30 It/min Model			
Oz/Gal	gr/ft	%	Ratio
5.4	44.6	4.5	22.4 :1
5.3	43.5	4.4	23.0 :1
5.2	42.6	4.3	23.5 :1
3.8	31.2	3.1	32.1 :1
2.5	20.4	2.0	49.0 :1
1.7	14.0	1.4	71.4 :1
1.5	12.0	1.2	83.3 :1
1.2	9.5	1.0	105.3 :1
0.8	6.3	0.6	158.7 :1
0.7	5.6	0.6	178.6 :1
0.5	4.2	0.4	238.1 :1
0.4	3.6	0.4	277.8 :1
0.3	2.6	0.3	384.6 :1
0.15	1.2	0.1	833.3 :1
0.12	1.0	0.1	1000.0 :1
No hole			

0.09	0.70	0.07	1429 :1
0.06	0.50	0.05	2000 :1
0.04	0.30	0.03	3333 :1
0.02	0.20	0.02	5000 :1

The dilution ratio refer to the dynamic pressure of 40 PSI (2,76bar) with water thin products.

Air-Gap

STANDARD METERING TIP	Tip color	Diameter mm
	No tip	\
	Grey	3.25
	Black	2.54
	Beige	1.78
	Red	1.32
	White	1.09
	Blue	1.01
	Tan	0.88
	Green	0.71
	Orange	0.63
	Brown	0.58
	Yellow	0.51
	Aqua	0.46
	Purple	0.36
	Pink	0.25
Clear	\	

4 lt/min Model			
Oz/Gal	gr/lt	%	Ratio
38.8	319.0	31.9	3.13 :1
38.7	318.0	31.8	3.14 :1
37.9	311.2	31.1	3.2 :1
30.8	253.3	25.3	4.0 :1
21.9	179.6	18.0	5.6 :1
14.7	120.9	12.1	8.3 :1
12.7	104.2	10.4	9.6 :1
8.7	71.1	7.1	14.1 :1
6.7	55.1	5.5	18.2 :1
5.1	42.0	4.2	23.8 :1
4.3	35.5	3.6	28.2 :1
3.8	31.5	3.2	31.8 :1
2.8	23.0	2.3	43.5 :1
1.6	13.0	1.3	76.9 :1
0.8	6.5	0.7	153.9 :1
No hole			

16 lt/min Model			
Oz/Gal	gr/lt	%	Ratio
15.6	128.2	12.8	7.80 :1
15.5	127.7	12.8	7.83 :1
12.5	102.8	10.3	9.7 :1
12.0	98.5	9.9	10.2 :1
9.4	77.3	7.7	12.9 :1
6.3	51.6	5.2	19.4 :1
5.5	45.2	4.5	22.1 :1
4.5	36.8	3.7	27.2 :1
3.1	25.7	2.6	38.9 :1
2.3	19.0	1.9	52.6 :1
2.2	18.1	1.8	55.3 :1
1.8	14.8	1.5	67.6 :1
1.5	12.0	1.2	83.3 :1
1.1	8.7	0.9	114.9 :1
0.7	5.5	0.6	181.8 :1
No hole			

ULTRALEAN TIP	Lime	0.228
	Burgundy	0.208
	Pumpkin	0.168
	Copper	0.155

0.51	4.20	0.42	238 :1
0.40	3.30	0.33	303 :1
0.34	2.80	0.28	357 :1
0.29	2.40	0.24	417 :1

0.21	1.70	0.17	588 :1
0.16	1.30	0.13	769 :1
0.12	1.00	0.10	1000 :1
0.09	0.70	0.07	1429 :1

DIMENSIONS

