



**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:

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

## PACKAGING:

- Dispenser
- Pick up tube - 13ft (4 m)
- 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 (2 pcs)
  - Metering tips (1 bag)
  - Foot filter and non-return valve assembly (1 pcs)
  - Ceramic weight (1 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 (1 chart)
  - Adhesive Labels for product identification (1 chart)

# PROMAX BUTTON 1 PRODUCT



## DISPENSER KEY CODE

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

  

PX	B	1	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 lt/min Model			
Oz/Gal	gr/lit	%	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 lt/min Model			
Oz/Gal	gr/lit	%	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 lt/min Model			
Oz/Gal	gr/lit	%	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/ft	%	Ratio
38.8	3190	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/ft	%	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

