



**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		
<b>Type of disconnection</b>	F-Gap (Flexible membrane)		
	A-Gap (Physical, Visible Gap)		
<b>Venturi flow rates</b>	1GPM (4lt/m) (Gray)	4GPM (16lt/m) (Yellow)	8GPM (30lt/m) (Blue)
<b>Actuating systems</b>	Button		
<b>No. of product inlets</b>	1 product		
<b>Working pressure</b>	<b>Min 15 PSI (1bar)</b>		<b>Max 130 PSI (9bar)</b>
	<b>Ideal: 30 - 60 PSI (2 – 4bar)</b>		
<b>Temperature</b>	<b>Max 160 °F (70°C)</b>		
<b>Notes</b>	Possibility of adding modules after installation		

## PACHKAGING:

- 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)

## DISPENSER KEY CODE

1-2		NAME					
PX		Promax					
		3		ATTIVATION METHOD			
		B		Bottone			
		4		NUMBER OF PRODUCTS			
		1		1 Prodotto			
		5		TYPE OF BACKFLOW PREVENT			
		F		Flex Gap			
		A		Air Gap			
		N		No Gap			
		6-7		FLOWRATE			
		04		4 Litri			
		16		16 Litri			
		30		30 Litri			
		8		MARKET			
		U		USA			
		9-12		CUSTOMIZATION			
		0000		Standard			

PX	B	1	F	16	U	0000
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## VENTURI CHARACTERISTICS

The dilution ratio refer to the dynamic pressure of 50PSI (3,5bar) with water thin products.

STANDARD METERING TIP	Tip color	Diametro inch:
	No tip	\
	Grey	0,128
	Black	0,1
	Beige	0,07
	Red	0,052
	White	0,043
	Blue	0,04
	Tan	0,035
	Green	0,028
	Orange	0,025
	Brown	0,023
	Yellow	0,02
	Aqua	0,018
	Purple	0,014
	Pink	0,01
	Clear	\

ULTRALEAN TIP	Lime	0,009
	Burgundy	0,008
	Pumpkin	0,007
	Copper	0,006

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	Brown	0,023
	Yellow	0,02
	Aqua	0,018
	Purple	0,014
	Pink	0,01
	Clear	\

ULTRALEAN TIP	Lime	0,009
	Burgundy	0,008
	Pumpkin	0,007
	Copper	0,006

Flex-Gap												
4lt/min (1GPM) Model				16lt/min (4GPM) Model				30lt/min (8GPM) Model				
Oz/Gal	gr/lt	%	Ratio	Oz/Gal	gr/lt	%	Ratio	Oz/Gal	gr/lt	%	Ratio	
38,40	300	30%	3,33 :1	17,28	135	13,50%	7,41 :1	5,50	43	4,30%	23,26 :1	
37,50	293	29%	3,41 :1	16,90	132	13,20%	7,58 :1	5,38	42	4,20%	23,81 :1	
36,48	285	26%	3,51 :1	16,00	125	12,50%	8,00 :1	5,12	40	4%	25,00 :1	
28,42	222	21%	4,50 :1	11,84	92,5	9,25%	10,81 :1	3,90	30,5	3,05%	32,79 :1	
18,43	144	13%	6,94 :1	7,55	59	5,90%	16,95 :1	2,62	20,5	2,05%	48,78 :1	
12,16	95	11%	10,53 :1	5,25	41	4,10%	24,39 :1	1,79	14	1,40%	71,43 :1	
10,62	83	9%	12,05 :1	4,48	35	3,50%	28,57 :1	1,54	12	1,20%	83,33 :1	
9,34	73	7%	13,70 :1	3,58	28	2,80%	35,71 :1	1,15	9	0,90%	111,11 :1	
5,12	40	5%	25,00 :1	2,30	18	1,80%	55,56 :1	0,77	6	0,60%	166,67 :1	
4,22	33	4%	30,30 :1	1,79	14	1,40%	71,43 :1	0,64	5	0,50%	200,00 :1	
3,33	26	3%	38,46 :1	1,54	12	1,20%	83,33 :1	0,51	4	0,40%	250,00 :1	
2,43	19	2,50%	52,63 :1	1,02	8	0,80%	125,00 :1	0,38	3	0,30%	333,33 :1	
2,18	17	1,50%	58,82 :1	0,96	7,5	0,75%	133,33 :1	0,32	2,5	0,25%	400,00 :1	
1,28	10	1%	100,00 :1	0,51	4	0,40%	250,00 :1	0,26	2	0,20%	500,00 :1	
0,64	5	0,50%	200,00 :1	0,32	2,5	0,25%	400,00 :1	0,13	1	0,10%	1000,00 :1	
No hole				No hole				No hole				

0,45	3,5	0,42%	285,71 :1
0,38	3	0,35%	333,33 :1
0,32	2,5	0,20%	400,00 :1
0,13	1	0,10%	1000,00 :1

0,23	1,8	0,18%	555,56 :1
0,19	1,5	0,15%	666,67 :1
0,15	1,2	0,12%	833,33 :1
0,08	0,6	0,06%	1666,67 :1

0,06	0,5	0,05%	2000,00 :1
0,05	0,4	0,04%	2500,00 :1
0,04	0,3	0,03%	3333,33 :1
0,03	0,2	0,02%	5000,00 :1

A-Gap

4lt/min (1GPM) Model			
Oz/Gal	gr/lt	%	Ratio
32,00	250,0	25,00%	4,00 :1
32,00	250,0	25,00%	4,00 :1
31,36	245,0	24,50%	4,08 :1
25,60	200,0	20,00%	5,00 :1
18,82	147,0	14,70%	6,80 :1
12,67	99,0	9,90%	10,10 :1
11,26	88,0	8,80%	11,36 :1
8,70	68,0	6,80%	14,71 :1
5,12	40,0	4,00%	25,00 :1
4,22	33,0	3,30%	30,30 :1
3,46	27,0	2,70%	37,04 :1
2,43	19,0	1,90%	52,63 :1
2,05	16,0	1,60%	62,50 :1
1,28	10,0	1,00%	100,00 :1
0,64	5,0	0,50%	200,00 :1
No hole			

16lt/min (4GPM) Model			
Oz/Gal	gr/lt	%	Ratio
13,82	108,0	10,80%	9,26 :1
13,44	105,0	10,50%	9,52 :1
13,50	105,5	10,25%	9,48 :1
11,84	92,5	9,25%	10,81 :1
9,22	72,0	7,20%	13,89 :1
6,14	48,0	4,80%	20,83 :1
5,38	42,0	4,20%	23,81 :1
4,10	32,0	3,20%	31,25 :1
2,62	20,5	2,05%	48,78 :1
2,11	16,5	1,65%	60,61 :1
1,73	13,5	1,35%	74,07 :1
0,96	7,5	0,75%	133,33 :1
0,77	6,0	0,60%	166,67 :1
0,58	4,5	0,45%	222,22 :1
0,26	2,0	0,20%	500,00 :1
No hole			

0,45	3,5	0,35%	285,71 :1
0,38	3,0	0,30%	333,33 :1
0,32	2,5	0,25%	400,00 :1
0,13	1,0	0,10%	1000,00 :1

0,19	1,5	0,15%	666,67 :1
0,15	1,2	0,12%	833,33 :1
0,12	0,9	0,09%	1111,11 :1
0,06	0,5	0,05%	2000,00 :1

## DIMENSIONS

