



**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)<br>(Gray)                          | 4 GPM (16 LPM)<br>(Yellow) | 8 GPM (30 LPM)<br>(Blue) |
| Actuating systems       | Slide  |                            |                          |
| No. of product inlets   | 4 products                                       |                            |                          |
| Working pressure        | Min 15 PSI (1bar)                                |                            | Max 130 PSI (9bar)       |
|                         | Ideal: 30 - 60 PSI (2 – 4bar)                    |                            |                          |
| 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 |                    |                          |   |      |
|     | S      | SLIDE             |                    |                          |   |      |
|     |        | 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  | s      | 4                 | F                  | 16                       | U | 0000 |

## VENTURI CHARACTERISTICS

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

| STANDARD<br>METERING<br>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<br>TIP | Lime     | 0.228 |
|------------------|----------|-------|
|                  | Burgundy | 0.208 |
|                  | Pumpkin  | 0.168 |
|                  | Copper   | 0.155 |

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|                             | Blue      | 1.01        |
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| ULTRALEAN<br>TIP | Lime     | 0.228 |
|------------------|----------|-------|
|                  | Burgundy | 0.208 |
|                  | Pumpkin  | 0.168 |
|                  | Copper   | 0.155 |

### Flex-Gap

| 4 lt/min Model |       |      |         |
|----------------|-------|------|---------|
| Oz/Gal         | gr/ft | %    | Ratio   |
| 50.1           | 411.7 | 41.2 | 24 :1   |
| 46.6           | 382.7 | 38.3 | 26 :1   |
| 43.7           | 359.0 | 35.9 | 28 :1   |
| 32.3           | 265.8 | 26.6 | 38 :1   |
| 20.1           | 165.2 | 16.5 | 61 :1   |
| 13.0           | 106.8 | 10.7 | 94 :1   |
| 11.5           | 94.8  | 9.5  | 106 :1  |
| 8.7            | 71.2  | 7.1  | 140 :1  |
| 6.1            | 49.9  | 5.0  | 200 :1  |
| 5.1            | 42.2  | 4.2  | 237 :1  |
| 3.4            | 28.1  | 2.8  | 356 :1  |
| 3.3            | 27.1  | 2.7  | 369 :1  |
| 2.6            | 21.6  | 2.2  | 463 :1  |
| 1.3            | 11.0  | 1.1  | 909 :1  |
| 0.7            | 5.5   | 0.6  | 1818 :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/ft | %    | Ratio   |
| 21.6            | 177.3 | 17.7 | 56 :1   |
| 20.8            | 171.0 | 17.1 | 59 :1   |
| 19.5            | 160.1 | 16.0 | 63 :1   |
| 14.4            | 118.2 | 11.8 | 85 :1   |
| 9.2             | 75.3  | 7.5  | 133 :1  |
| 6.0             | 49.4  | 4.9  | 202 :1  |
| 5.2             | 42.7  | 4.3  | 234 :1  |
| 3.9             | 31.8  | 3.2  | 315 :1  |
| 2.3             | 19.0  | 1.9  | 526 :1  |
| 1.8             | 14.6  | 1.5  | 685 :1  |
| 1.5             | 12.5  | 1.3  | 800 :1  |
| 1.3             | 10.4  | 1.0  | 962 :1  |
| 1.0             | 8.3   | 0.8  | 1205 :1 |
| 0.6             | 4.6   | 0.5  | 2174 :1 |
| 0.3             | 2.5   | 0.3  | 4000 :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/ft | %   | Ratio    |
| 5.4             | 44.6  | 4.5 | 224 :1   |
| 5.3             | 43.5  | 4.4 | 230 :1   |
| 5.2             | 42.6  | 4.3 | 235 :1   |
| 3.8             | 31.2  | 3.1 | 321 :1   |
| 2.5             | 20.4  | 2.0 | 490 :1   |
| 1.7             | 14.0  | 1.4 | 714 :1   |
| 1.5             | 12.0  | 1.2 | 833 :1   |
| 1.2             | 9.5   | 1.0 | 1053 :1  |
| 0.8             | 6.3   | 0.6 | 1587 :1  |
| 0.7             | 5.6   | 0.6 | 1786 :1  |
| 0.5             | 4.2   | 0.4 | 2381 :1  |
| 0.4             | 3.6   | 0.4 | 2778 :1  |
| 0.3             | 2.6   | 0.3 | 3846 :1  |
| 0.15            | 1.2   | 0.1 | 8333 :1  |
| 0.12            | 1.0   | 0.1 | 10000 :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 |

# PROMAX SLIDE 4 PRODUCTS



The dilution ratio refer to the dynamic pressure of 40 PSI (2.76bar) with water thin products.

| STANDARD<br>METERING<br>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<br>TIP | Line     | 0.228 |
|------------------|----------|-------|
|                  | Burgundy | 0.208 |
|                  | Pumpkin  | 0.168 |
|                  | Copper   | 0.155 |

| Air-Gap        |       |      |          |                 |       |      |          |
|----------------|-------|------|----------|-----------------|-------|------|----------|
| 4 lt/min Model |       |      |          | 16 lt/min Model |       |      |          |
| Oz/Gal         | g/lt  | %    | Ratio    | Oz/Gal          | g/lt  | %    | Ratio    |
| 38.8           | 319.0 | 31.9 | 3.13 :1  | 15.6            | 128.2 | 12.8 | 7.80 :1  |
| 38.7           | 318.0 | 31.8 | 3.14 :1  | 15.5            | 127.7 | 12.8 | 7.83 :1  |
| 37.9           | 311.2 | 31.1 | 3.2 :1   | 12.5            | 102.8 | 10.3 | 9.7 :1   |
| 30.8           | 253.3 | 25.3 | 4.0 :1   | 12.0            | 98.5  | 9.9  | 10.2 :1  |
| 21.9           | 179.6 | 18.0 | 5.6 :1   | 9.4             | 77.3  | 7.7  | 12.9 :1  |
| 14.7           | 120.9 | 12.1 | 8.3 :1   | 6.3             | 51.6  | 5.2  | 19.4 :1  |
| 12.7           | 104.2 | 10.4 | 9.6 :1   | 5.5             | 45.2  | 4.5  | 22.1 :1  |
| 8.7            | 71.1  | 7.1  | 14.1 :1  | 4.5             | 36.8  | 3.7  | 27.2 :1  |
| 6.7            | 55.1  | 5.5  | 18.2 :1  | 3.1             | 25.7  | 2.6  | 38.9 :1  |
| 5.1            | 42.0  | 4.2  | 23.8 :1  | 2.3             | 19.0  | 1.9  | 52.6 :1  |
| 4.3            | 35.5  | 3.6  | 28.2 :1  | 2.2             | 18.1  | 1.8  | 55.3 :1  |
| 3.8            | 31.5  | 3.2  | 31.8 :1  | 1.8             | 14.8  | 1.5  | 67.6 :1  |
| 2.8            | 23.0  | 2.3  | 43.5 :1  | 1.5             | 12.0  | 1.2  | 83.3 :1  |
| 1.6            | 13.0  | 1.3  | 76.9 :1  | 1.1             | 8.7   | 0.9  | 114.9 :1 |
| 0.8            | 6.5   | 0.7  | 153.9 :1 | 0.7             | 5.5   | 0.6  | 181.8 :1 |
| No hole        |       |      |          | No hole         |       |      |          |

|      |      |      |        |
|------|------|------|--------|
| 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

