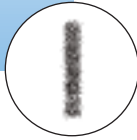


# BEX JPT series flat spray

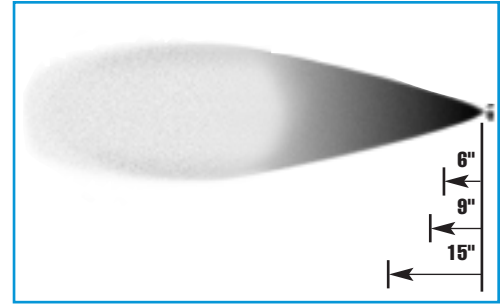
Pressure feed - External mix



spray pattern

## APPLICATION AND PERFORMANCE

BEX JPT series air caps produce a flat spray pattern. Liquid is pressure fed and externally mixed. Nozzle selection is not limited for other parameters. If you do not find the product for your application range, please contact BEX.



See page 12 and 13 for instructions on how to order.

## JPT Flat Spray Performance Chart

| BEX Set-up No.       | Spray Set-up<br>Consists of<br>Liquid and<br>Air Cap<br>Combination | LIQUID CAPACITY in GPH and AIR CAPACITY in SCFM |                      |      |       |                      |      |        |                      |      |        |                      |      |        |                      |      | SPRAY DIMENSIONS           |                   |                    |  |                        |
|----------------------|---|---|----------------------|------|-------|----------------------|------|--------|----------------------|------|--------|----------------------|------|--------|----------------------|------|----------------------------|-------------------|--------------------|--|------------------------|
|                      |   | LIQUID PRESSURE in psi                          |                      |      |       |                      |      |        |                      |      |        |                      |      |        |                      |      | Pattern Width<br>in Inches |                   |                    | Maxi-<br>mum<br><br>Spray<br>Range<br>feet |                        |
|                      |   | 3 psi   |                      |      | 5 psi |                      |      | 10 psi |                      |      | 20 psi |                      |      | 40 psi |                      |      | 6"<br>from<br>tip          | 9"<br>from<br>tip | 15"<br>from<br>tip |  |                        |
| Air<br>Press.<br>psi | SCFM  | GPH   | Air<br>Press.<br>psi | SCFM | GPH   | Air<br>Press.<br>psi | SCFM | GPH    | Air<br>Press.<br>psi | SCFM | GPH    | Air<br>Press.<br>psi | SCFM | GPH    | Air<br>Press.<br>psi | SCFM | GPH                        | 6"<br>from<br>tip | 9"<br>from<br>tip  | 15"<br>from<br>tip                         | Spray<br>Range<br>feet |
| JPLE15B              | Liquid Cap<br>JL1650<br>+<br>Air Cap<br>JPT15                       | 3   | .89                  | .80  | 5     | .93                  | 1.1  | 10     | 1.1                  | 1.4  | 20     | 1.6                  | 2.0  | 40     | 2.6                  | 2.8  | 3-6                        | 6-7               | 9-11               | 3-8  |                        |
|                      |   | 5   | .93                  | .80  | 10    | 1.1                  | 1.0  | 15     | 1.4                  | 1.4  | 25     | 1.9                  | 2.0  | 50     | 3.0                  | 2.8  |                            |                   |                    |  |                        |
|                      |   | 10  | 1.1                  | .80  | 15    | 1.4                  | 1.0  | 20     | 1.6                  | 1.4  | 30     | 2.1                  | 2.0  | 60     | 3.6                  | 2.8  |                            |                   |                    |  |                        |
|                      |   | 15  | 1.4                  | .80  | 20    | 1.6                  | 1.0  | 25     | 1.9                  | 1.4  | 40     | 2.6                  | 2.0  | 70     | 4.2                  | 2.8  |                            |                   |                    |  |                        |
|                      |   | 20  | 1.6                  | .80  | 25    | 1.9                  | 1.0  | 30     | 2.1                  | 1.4  | 50     | 3.0                  | 2.0  | 75     | 4.5                  | 2.8  |                            |                   |                    |  |                        |
|                      |   | 25  | 1.9                  | .80  | 30    | 2.1                  | 1.0  | 40     | 2.6                  | 1.4  | 60     | 3.6                  | 2.0  | 80     | 4.9                  | 2.8  |                            |                   |                    |  |                        |
| JPLE18B              | Liquid Cap<br>JL1650<br>+ Air Cap<br>JPT30                          | 30  | 2.1                  | .80  | 40    | 2.6                  | 1.0  | 50     | 3.0                  | 1.4  | 80     | 4.9                  | 2.0  | 90     | 5.6                  | 2.8  | 8-12                       | 11-15             | 13-20              | 4-9  |                        |
|                      |   | 5   | .78                  | .80  | 5     | .78                  | 1.0  | 6      | .88                  | 1.4  | 8      | 1.0                  | 2.0  | 10     | 1.2                  | 2.8  |                            |                   |                    |  |                        |
|                      |   | 6   | .88                  | .80  | 6     | .88                  | 1.0  | 8      | 1.0                  | 1.4  | 10     | 1.2                  | 2.0  | 15     | 1.6                  | 2.8  |                            |                   |                    |  |                        |
|                      |   | 7   | .97                  | .80  | 8     | 1.0                  | 1.0  | 10     | 1.2                  | 1.4  | 15     | 1.6                  | 2.0  | 25     | 2.2                  | 2.8  |                            |                   |                    |  |                        |
| JPLE15A              | Liquid Cap<br>JL2050<br>+<br>Air Cap<br>JPT15                       | 8   | 1.0                  | .80  | 10    | 1.2                  | 1.0  | 12     | 1.4                  | 1.4  | 20     | 1.9                  | 2.0  | 35     | 2.8                  | 2.8  | 3-6                        | 5-8               | 8-12               | 3-10                                       |                        |
|                      |   | 5   | .93                  | 1.2  | 10    | 1.1                  | 1.6  | 15     | 1.4                  | 2.2  | 25     | 1.9                  | 3.1  | 45     | 2.9                  | 4.4  |                            |                   |                    |  |                        |
|                      |   | 10  | 1.1                  | 1.2  | 15    | 1.4                  | 1.6  | 20     | 1.6                  | 2.2  | 30     | 2.1                  | 3.1  | 50     | 3.0                  | 4.4  |                            |                   |                    |  |                        |
|                      |   | 15  | 1.4                  | 1.2  | 20    | 1.6                  | 1.6  | 25     | 1.9                  | 2.2  | 40     | 2.6                  | 3.1  | 60     | 3.6                  | 4.4  |                            |                   |                    |  |                        |
|                      |   | 20  | 1.6                  | 1.2  | 25    | 1.9                  | 1.6  | 30     | 2.1                  | 2.2  | 50     | 3.0                  | 3.1  | 70     | 4.2                  | 4.4  |                            |                   |                    |  |                        |
|                      |   | 25  | 1.9                  | 1.2  | 30    | 2.1                  | 1.6  | 40     | 2.6                  | 2.2  | 60     | 3.6                  | 3.1  | 75     | 4.5                  | 4.4  |                            |                   |                    |  |                        |
|                      |   | 30  | 2.1                  | 1.2  | 40    | 2.6                  | 1.6  | 50     | 3.0                  | 2.2  | 70     | 4.2                  | 3.1  | 90     | 5.6                  | 4.4  |                            |                   |                    |  |                        |
| JPLE18A              | Liquid Cap<br>JL2050<br>+ Air Cap<br>JPT30                          | 40  | 2.6                  | 1.2  | 50    | 3.0                  | 1.6  | 60     | 3.6                  | 2.2  | 90     | 5.6                  | 3.1  | 95     | 5.8                  | 4.4  | 11-16                      | 13-19             | 16-26              | 5-10                                       |                        |
|                      |   | 5   | .78                  | 1.2  | 5     | .78                  | 1.6  | 8      | 1.0                  | 2.2  | 10     | 1.2                  | 3.1  | 15     | 1.6                  | 4.4  |                            |                   |                    |  |                        |
|                      |   | 8   | 1.0                  | 1.2  | 10    | 1.2                  | 1.6  | 10     | 1.2                  | 2.2  | 20     | 1.9                  | 3.1  | 20     | 1.9                  | 4.4  |                            |                   |                    |  |                        |
|                      |   | 10  | 1.2                  | 1.2  | 15    | 1.6                  | 1.6  | 20     | 1.9                  | 2.2  | 30     | 2.5                  | 3.1  | 30     | 2.5                  | 4.4  |                            |                   |                    |  |                        |
| JPLE15               | Liquid Cap<br>JL2850<br>+<br>Air Cap<br>JPT15                       | 15  | 1.6                  | 1.2  | 20    | 1.9                  | 1.6  | 30     | 2.5                  | 2.2  | 35     | 2.8                  | 3.1  | 35     | 2.8                  | 4.4  | 5-6                        | 6-8               | 9-14               | 4-13                                       |                        |
|                      |   | 10  | 1.1                  | 2.3  | 15    | 1.4                  | 3.0  | 20     | 1.6                  | 4.2  | 35     | 2.4                  | 6.0  | 50     | 3.0                  | 8.4  |                            |                   |                    |  |                        |
|                      |   | 15  | 1.4                  | 2.3  | 20    | 1.6                  | 3.0  | 25     | 1.9                  | 4.2  | 40     | 2.6                  | 6.0  | 60     | 3.6                  | 8.4  |                            |                   |                    |  |                        |
|                      |   | 20  | 1.6                  | 2.3  | 25    | 1.9                  | 3.0  | 30     | 2.1                  | 4.2  | 50     | 3.0                  | 6.0  | 70     | 4.2                  | 8.4  |                            |                   |                    |  |                        |
|                      |   | 25  | 1.9                  | 2.3  | 30    | 2.1                  | 3.0  | 40     | 2.6                  | 4.2  | 60     | 3.6                  | 6.0  | 75     | 4.5                  | 8.4  |                            |                   |                    |  |                        |
|                      |   | 30  | 2.1                  | 2.3  | 40    | 2.6                  | 3.0  | 50     | 3.0                  | 4.2  | 70     | 4.2                  | 6.0  | 80     | 4.9                  | 8.4  |                            |                   |                    |  |                        |
| JPLE18               | Liquid Cap<br>JL2850<br>+ Air Cap<br>JPT30                          | 40  | 2.6                  | 2.3  | 50    | 3.0                  | 3.0  | 60     | 3.6                  | 4.2  | 80     | 4.9                  | 6.0  | 90     | 5.6                  | 8.4  | 14-17                      | 19-21             | 24-27              | 6-9  |                        |
|                      |   | 50  | 3.0                  | 2.3  | 60    | 3.6                  | 3.0  | 70     | 4.2                  | 4.2  | 90     | 5.6                  | 6.0  | 100    | 6.2                  | 8.4  |                            |                   |                    |  |                        |
|                      |   | 6   | .88                  | 2.3  | 6     | .88                  | 3.0  | 6      | .88                  | 4.2  | 10     | 1.2                  | 6.0  | 20     | 1.9                  | 8.4  |                            |                   |                    |  |                        |
|                      |   | 7   | .97                  | 2.3  | 8     | 1.0                  | 3.0  | 8      | 1.0                  | 4.2  | 12     | 1.4                  | 6.0  | 25     | 2.2                  | 8.4  |                            |                   |                    |  |                        |
| JPLE25B              | Liquid Cap<br>JL35100<br>+<br>Air Cap<br>JPT45                      | 8   | 1.0                  | 2.3  | 9     | 1.1                  | 3.0  | 10     | 1.2                  | 4.2  | 15     | 1.6                  | 6.0  | 30     | 2.5                  | 8.4  | 5-6                        | 7-9               | 10-14              | 5-16                                       |                        |
|                      |   | 10  | 1.2                  | 2.3  | 10    | 1.2                  | 3.0  | 12     | 1.4                  | 4.2  | 20     | 1.9                  | 6.0  | 35     | 2.8                  | 8.4  |                            |                   |                    |  |                        |
|                      |   | 10  | 3.0                  | 3.6  | 15    | 3.6                  | 4.7  | 20     | 4.1                  | 6.6  | 35     | 6.3                  | 9.4  | 45     | 7.5                  | 13.2 |                            |                   |                    |  |                        |
|                      |   | 15  | 3.6                  | 3.6  | 20    | 4.1                  | 4.7  | 25     | 4.9                  | 6.6  | 40     | 6.9                  | 9.4  | 50     | 8.2                  | 13.2 |                            |                   |                    |  |                        |
|                      |   | 20  | 4.1                  | 3.6  | 25    | 4.9                  | 4.7  | 30     | 5.5                  | 6.6  | 50     | 8.0                  | 9.4  | 55     | 9.0                  | 13.2 |                            |                   |                    |  |                        |
|                      |   | 25  | 4.9                  | 3.6  | 30    | 5.5                  | 4.7  | 35     | 6.3                  | 6.6  | 60     | 9.4                  | 9.4  | 60     | 9.7                  | 13.2 |                            |                   |                    |  |                        |
| JPLE25B              | Liquid Cap<br>JL35100<br>+<br>Air Cap<br>JPT45                      | 30  | 5.5                  | 3.6  | 40    | 6.9                  | 4.7  | 40     | 6.9                  | 6.6  | 70     | 11.0                 | 9.4  | 70     | 11.1                 | 13.2 | 5-6                        | 7-9               | 10-14              | 5-16                                       |                        |
|                      |   | 40  | 6.9                  | 3.6  | 50    | 8.0                  | 4.7  | 50     | 8.0                  | 6.6  | 80     | 12.7                 | 9.4  | 80     | 12.7                 | 13.2 |                            |                   |                    |  |                        |
|                      |   | 40  | 6.9                  | 3.6  | 50    | 8.0                  | 4.7  | 50     | 8.0                  | 6.6  | 80     | 12.7                 | 9.4  | 80     | 12.7                 | 13.2 |                            |                   |                    |  |                        |
|                      |   | 50  | 8.0                  | 3.6  | 60    | 9.4                  | 4.7  | 60     | 9.4                  | 6.6  | 90     | 14.5                 | 9.4  | 90     | 14.5                 | 13.2 |                            |                   |                    |  |                        |

Note: All references to GPH are U.S. gallons per hour