



## Y33180-PP & Y9270-PP

### Features:

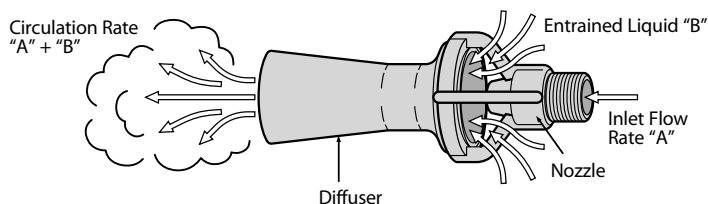
- Allows small pumps to circulate large volumes of liquid.
- Manufactured of glass-filled polypropylene for excellent corrosion and chemical resistance.
- Large flow opening minimizes plugging.
- Available in 3/8" or 3/4" (M) pipe thread inlet connection.



### How to order:

Specify nozzle number and inlet connection.

Example: Y33180-PP-3/8



| APPROXIMATE FLOW RATE PERFORMANCE | MODEL NUMBER | INLET LIQUID PRESSURE |       |         |       |         |       |         |
|-----------------------------------|--------------|-----------------------|-------|---------|-------|---------|-------|---------|
|                                   |              | 0.7 bar               | 1 bar | 1.5 bar | 2 bar | 2.5 bar | 3 bar | 3.5 bar |
| Inlet Flow Rate "A" (l/min)       | Y33180-PP    | 34                    | 41    | 50      | 58    | 65      | 71    | 77      |
|                                   | Y9270-PP     | 51                    | 62    | 75      | 87    | 97      | 107   | 115     |
| Entrained Liquid "B" (l/min)      | Y33180-PP    | 138                   | 164   | 201     | 232   | 259     | 284   | 307     |
|                                   | Y9270-PP     | 206                   | 246   | 301     | 348   | 389     | 426   | 460     |
| Circulation Rate "A"+"B" (l/min)  | Y33180-PP    | 172                   | 205   | 251     | 290   | 324     | 355   | 384     |
|                                   | Y9270-PP     | 257                   | 308   | 376     | 435   | 486     | 533   | 575     |

| MODEL NUMBER | PIPE THREAD INLET CONNECTION | ORIFICE DIAMETER (mm) | LENGTH (mm) | DIAMETER (mm) |
|--------------|------------------------------|-----------------------|-------------|---------------|
| Y33180-PP    | 3/8" (M)                     | 7.9                   | 103         | 52            |
| Y9270-PP     | 3/4" (M)                     | 9.5                   | 162         | 74            |

# TeeJet® Jet Agitators

Installed at bottom of spray tank on end of agitator return line. Continuous solid stream jet flow creates turbulence and keeps wettable powders in suspension.

## 6290-SC

Made in choice of brass, aluminum and all stainless steel. 1/4" NPT (F) inlet connection. Fits through 2" (51 mm) hole. Weight 6 oz. (0.17 kg). Siphon caps increase liquid flow by Venturi action to increase mixing potential.



| JET AGITATOR NUMBER | ORIFICE CAP NUMBER | ORIFICE CAP INLET DIAMETER (cm) | CAPACITY (l/min) THRU AGITATOR LINE AT VARIOUS PRESSURES |         |       |         |       |         | FOR MAX. TANK SIZE IN LITERS OF: |
|---------------------|--------------------|---------------------------------|--|---------|-------|---------|-------|---------|----------------------------------|
|                     |                    |                                 | 1 bar  | 1.5 bar | 2 bar | 2.5 bar | 3 bar | 3.5 bar |                                  |
| 6290SC-1            | 11118-1            | 1.39                            | 3.5  | 4.5     | 5     | 5.5     | 6     | 6.5     | 200                              |
| 6290SC-2            | 11118-2            | 2.18                            | 8.5  | 10.5    | 12    | 13.5    | 15    | 16      | 400                              |
| 6290SC-3            | 11118-3            | 2.43                            | 11   | 13.5    | 15.5  | 17.5    | 19    | 20      | 500                              |
| 6290SC-5            | 11118-5            | 3.65                            | 20   | 25      | 28    | 32      | 35    | 38      | 900                              |
| 6290SC-8            | 11118-8            | 3.96                            | 23   | 28      | 33    | 37      | 40    | 43      | 1100                             |
| 6290SC-10           | 11118-10           | 4.49                            | 26   | 32      | 37    | 41      | 45    | 48      | 1300                             |

**Note:** Maximum tank sizes shown in table are approximate and are based on 40 PSI (3 bar) operation with pesticides, not fertilizers.

### How to order:

Specify jet agitator number.

Examples:

6290SC-1 – Brass

6290SC-1-AL – Aluminum

6290SC-1-SS – Stainless Steel

Other sizes available.