

# PRESSURE COMPENSATING DRIPPERS

PROVIDE  
UNIFORM FLOW  
DISTRIBUTION

MAINTAINS A UNIFORM FLOW RATE WITH THE  
WIDEST COMPENSATION RANGE - 7 TO 58 psi



**WOODPECKER PRESSURE  
COMPENSATING (WPC) NON CNL**



**WOODPECKER PRESSURE  
COMPENSATING (WPC) WITH CNL**



**WOODPECKER PRESSURE  
COMPENSATING JUNIOR  
(WPCJ) WITH CNL**

## PRODUCT ADVANTAGES

- Patented pressure differential system maintains uniform flow rate at different inlet working pressures (within the recommended range) ensuring exact distribution of water and nutrients.
- Industry's widest flow path and wider dripper cross section allow large particles through the dripper's short flow path.
- Continuous self-flushing system, even while irrigating, provides improved resistance to clogging.
- Ideal for areas with difficult topographical conditions.

## APPLICATIONS

- Vineyards
- Orchards
- Greenhouses and Nurseries

## SPECIFICATIONS

- WPC Base Color and Flow:  
Red 0.53 GPH, Black 1.06 GPH and Green 2.25 GPH
- WPCJ Base and Body Color and Flow:  
Red 0.53 GPH, Gray 1.06 GPH and Green 2.11 GPH
- WPC (Non CNL) Recommended Operating Pressure Range: 7 - 58 psi
- WPC (With CNL) Recommended Operating Pressure Range: 14.5 - 58 psi  
Shut-Off (Closing) Pressure: 2.17 psi (5' of Elevation)
- WPCJ (With CNL) Recommended Operating Pressure Range: 10.2 - 58 psi  
Shut-Off (Closing) Pressure: 1.7 psi (3.9' of Elevation)
- Recommended Filtration: 120 Mesh

### CNL FEATURE

The CNL feature is an internal check valve or non-draining mechanism that eliminates refill and drainage effects.



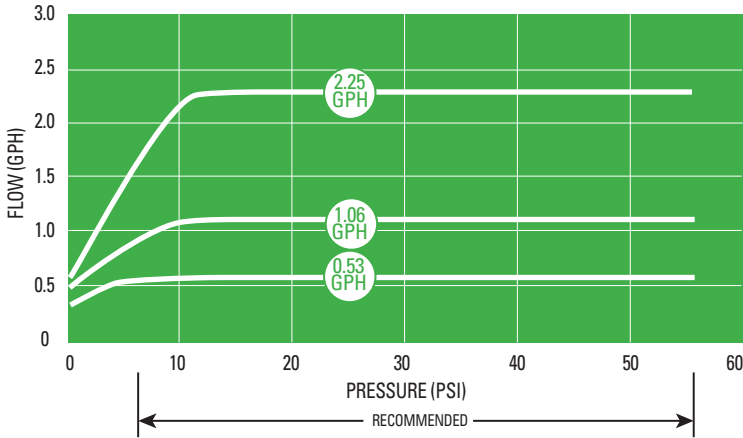
**TURBONET**

## TURBONET TECHNOLOGY

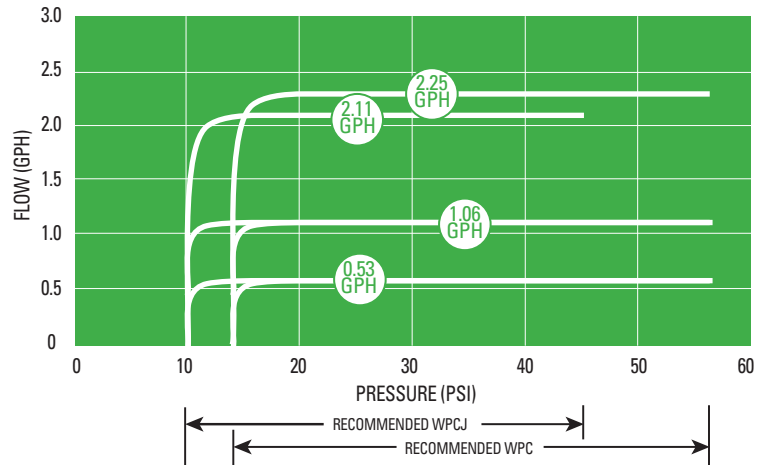
Improves dripper performance by widening the tooth pattern, maximizing flow path velocity, allowing contaminants to pass easily through the dripper.

# PRESSURE COMPENSATING DRIPPERS

FLOW RATE VS. PRESSURE (NON-CNL DRIPPERS)



FLOW RATE VS. PRESSURE (WITH CNL DRIPPERS)



## ORDERING INFORMATION

| DRIPPER MODEL   | ACTUAL FLOW | MODEL NUMBER | QUANTITY PER CASE | QUANTITY PER BAG |
|-----------------|-------------|--------------|-------------------|------------------|
| WPC (NON CNL)   | 0.53 GPH    | 01WPC2       | 2,500             | -                |
|                 |             | 01WPC2-B     | -                 | 250              |
|                 | 1.06 GPH    | 01WPC4       | 2,500             | -                |
|                 |             | 01WPC4-B     | -                 | 250              |
|                 | 2.25 GPH    | 01WPC8       | 2,500             | -                |
|                 |             | 01WPC8-B     | -                 | 250              |
| WPC (WITH CNL)  | 0.53 GPH    | 01WPCLL2     | 2,500             | -                |
|                 |             | 01WPCLL2-B   | -                 | 250              |
|                 | 1.06 GPH    | 01WPCLL4     | 2,500             | -                |
|                 |             | 01WPCLL4-B   | -                 | 250              |
|                 | 2.25 GPH    | 01WPCLL8     | 2,500             | -                |
|                 |             | 01WPCLL8-B   | -                 | 250              |
| WPCJ (WITH CNL) | 0.53 GPH    | 01WPCJL2     | 13,000            | -                |
|                 |             | 01WPCJL2-B   | -                 | 250              |
|                 | 1.06 GPH    | 01WPCJL4     | 13,000            | -                |
|                 |             | 01WPCJL4-B   | -                 | 250              |
|                 | 2.11 GPH    | 01WPCJL8     | 13,000            | -                |
|                 |             | 01WPCJL8-B   | -                 | 250              |

## PACKAGING DATA

| DRIPPER MODEL | QTY PER CASE | CASE WEIGHT | QTY PER BAG | BAG WEIGHT |
|---------------|--------------|-------------|-------------|------------|
| WPC           | 2,500        | 42 lbs.     | 250         | 4.2 lbs.   |
| WPCJ          | 13,000       | 31 lbs.     | 250         | 1.6 lbs.   |

## DRIPPER FLOW PATH DIMENSIONS

| DRIPPER MODEL   | DRIPPER FLOW | LENGTH (IN) | DEPTH (IN) | WIDTH (IN) |
|-----------------|--------------|-------------|------------|------------|
| WPC             | 0.53 GPH     | 2.40        | 0.042      | 0.046      |
|                 | 1.06 GPH     | 2.36        | 0.055      | 0.052      |
|                 | 2.25 GPH     | 0.67        | 0.063      | 0.063      |
| WPCJ (WITH CNL) | 0.53 GPH     | 1.378       | 0.030      | 0.041      |
|                 | 1.06 GPH     | 1.378       | 0.037      | 0.052      |
|                 | 2.11 GPH     | 1.378       | 0.041      | 0.063      |



Dual Goof Plug



Plastic Punch

## ACCESSORIES ORDERING INFORMATION

| MODEL NUMBER | DESCRIPTION                      | QUANTITY PER BAG |
|--------------|----------------------------------|------------------|
| 1107737-B    | DUAL GOOF PLUG - 3MM/7MM         | 10               |
| 682901033    | PLASTIC HOLE PUNCH - 0.125", 3MM | 1                |

## MICRO-TUBING ORDERING INFORMATION

| MODEL NUMBER | FOR DRIPPER MODEL | NOMINAL INSIDE DIAMETER | NOMINAL OUTSIDE DIAMETER | COIL LENGTH |
|--------------|-------------------|-------------------------|--------------------------|-------------|
| 15FPE53-1000 | WPCJ              | 0.125"                  | 0.197"                   | 1,000'      |
| 15FPE53      | WPCJ              | 0.125"                  | 0.197"                   | 3,000'      |



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