



IMPORTANT DISCLAIMER: The below flow rates and operating ranges are based on consistent tip pressure. ALWAYS confirm pressure at spray tip corresponds with label requirements PRIOR to spraying any chemical. Proper maintenance and observation of system performance to maintain accurate pressures is recommended.



Tavium[®]
Plus VaporGrip[®]
Technology

Spray Tip Charts^s for Standard (Auto-Rate) Spraying Systems for Spraying Tavium[®] Plus VaporGrip[®] Technology¹

For use with **COMBO-JET[®]** Tip-Caps

^sCharts based on application of water with 20" nozzle spacing, with 110° spray angle tips

LEGEND: **!** VERY IMPORTANT

TIP PRESSURE

Pressure (PSI) at the Tip
All required label rates and operating criteria are based on required tip pressure. Tip pressure creates the spray pattern and droplet quality required for spray application.

FLOW RATE

Flow Rate at Tip Pressure
The US Gallon/Minute flow rate of water at the tip at stated pressure.

~~25 PSI~~ ~~15.0 MPH~~

OUTSIDE REQ'D RANGE

Outside label requirements
If a cell is crossed out in red, it signifies that the travel speed, pressure or droplet category may be outside the required operating range by the chemical label.





~~25 PSI~~ ~~15.0 MPH~~

OUTSIDE BOUNDS


Outside label requirements
If a cell is crossed out in black, it signifies that the travel speed is out of bounds due to other application factors like tip pressure.



! UR Dual Chamber Spray Tip Series

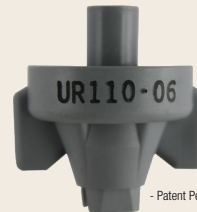
SPRAY TIP PICTURE & PART #	Tip Pressure (PSI)	Class	FLOW RATE (US GPM)	Sprayer Speed (MPH) at Application Rate (US GPA)	
				15 US GPA	20 US GPA
 UR110-05 PART#40292-05 UR DUAL CHAMBER DESIGN	Specifications			15 US GPA	20 US GPA
	25	UC	0.40	7.8 MPH	5.9 MPH
	30	UC	0.43	8.6 MPH	6.4 MPH
	35	UC	0.47	9.3 MPH	6.9 MPH
	40	UC	0.50	9.9 MPH	7.4 MPH
	50	UC	0.56	11.1 MPH	8.3 MPH
 UR110-06 PART#40292-06 UR DUAL CHAMBER DESIGN	Specifications			15 US GPA	20 US GPA
	25	UC	0.47	9.4 MPH	7.0 MPH
	30	UC	0.52	10.3 MPH	7.7 MPH
	35	UC	0.56	11.1 MPH	8.3 MPH
	40	UC	0.60	11.9 MPH	8.9 MPH
	50	UC	0.67	13.3 MPH	10.0 MPH
 UR110-08 PART#40292-08 UR DUAL CHAMBER DESIGN	Specifications			15 US GPA	20 US GPA
	25	UC	0.63	12.5 MPH	9.4 MPH
	30	UC	0.69	13.7 MPH	10.3 MPH
	35	UC	0.75	14.8 MPH	11.1 MPH
	40	UC	0.80	15.8 MPH	11.9 MPH
	50	UC	0.89	17.7 MPH	13.3 MPH
 UR110-10 PART#40292-10 UR DUAL CHAMBER DESIGN	Specifications			15 US GPA	20 US GPA
	25	UC	0.79	15.7 MPH	11.7 MPH
	30	UC	0.87	17.1 MPH	12.9 MPH
	35	UC	0.94	18.5 MPH	13.9 MPH
	40	UC	1.00	19.8 MPH	14.9 MPH
	50	UC	1.12	22.1 MPH	16.6 MPH

! DR Single Pre-orifice Series

SPRAY TIP PICTURE & PART #	Tip Pressure (PSI)	FLOW RATE (US GPM)	Operating Speed (MPH) at Flow Rate (US GPA)		
			MPH @ 15 US GPA	MPH @ 20 US GPA	
 DR110-10 - PART#40286-10 DR SINGLE PRE-ORIFICE DESIGN	Specifications			15 US GPA	20 US GPA
	25	0.79	15.7 MPH	11.7 MPH	
	30	0.87	17.1 MPH	12.9 MPH	
	35	0.94	18.5 MPH	13.9 MPH	
	40	1.00	19.8 MPH	14.9 MPH	
	50	1.12	22.1 MPH	16.6 MPH	

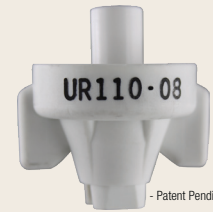
EXAMPLE APPLICATIONS

Example 1:
15 US GPA



UR110-06 @ 15 US GPA
Operating Speed Range:
7.7 MPH @ 30PSI
to 10.9 MPH @ 60PSI

Example 2:
15 US GPA



UR110-08 @ 20 US GPA
Operating Speed Range:
10.3 MPH @ 30PSI
to 14.5 MPH @ 60PSI



IMPORTANT:
Required Pre-orifices

Each DR & UR tip-caps include snap-in pre-orifices that MUST be used for proper spray operation. These pre-orifices are **NOT** interchangeable between sizes/series of spray tips.

! UR Dual Pre-orifices Series

The UR series tip-cap includes two snap-in orifices. One is short and snaps directly into the cap, the other is longer and snaps into the short orifice. NEVER operate UR series spray tips without BOTH orifices properly snapped in.



*For some sizes of UR series spray tips, orifice color(s) will not match the cap.

! DR Single Pre-orifice Series

The DR series tip-cap includes a single pre-orifice that snaps into the spray tips. NEVER operate DR series spray tips without the pre-orifice properly snapped in.



DR SERIES
One (longer)
Pre-orifice
snapped into
the cap