



COMBO-JET MR Series Spray Tips


The MR series spray tip is a closed-chamber, pre-orifice drift reduction nozzle, emphasizing a second stage of drift reduction. The MR series balances great coverage spray with significant drift reduction upwards of 75%+.




Longer Lasting Stainless Tips




Superior Drift Reduction




Perfect for PWM Sprayers



Consistent Pattern at Lower PSI



Solid Mass Spray Droplets

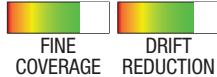


Acid Resistant Nozzles

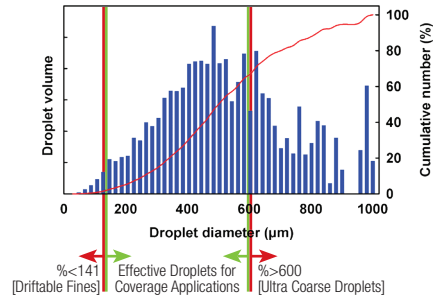
A DETAILED LOOK AT: **MR110-06**



Balance of Drift Control & Coverage



MR110-06 Droplet Distribution Example (40psi)



MR series is designed to produce relatively coarse spray with minimal drift.

COMBO-JET® MR80° ASABE S572.1 Spray Quality Chart

Pressure (bar)	2	2.5	3	3.5	4	4.5	5	5.5	6
MR80-005	M	F	F	F	F	F	F	F	F
MR80-0067	F	F	F	F	F	F	F	F	F
MR80-01	M	F	F	F	F	F	F	F	F
MR80-015	C	C	C	M	M	M	M	F	F
MR80-02	C	C	C	C	M	M	M	M	M
MR80-025	VC	VC	C	C	C	C	C	C	C
MR80-03	VC	VC	C	C	C	C	C	C	C
MR80-04	VC	C	C	C	C	C	C	C	C
MR80-05	XC	XC	VC	VC	VC	C	C	C	C
MR80-06	XC	XC	XC	VC	VC	VC	VC	C	C
MR80-08	UC	UC	UC	XC	XC	XC	VC	VC	C
MR80-10	UC	UC	UC	UC	XC	XC	XC	XC	XC
MR80-125	UC	UC	UC	UC	UC	UC	XC	XC	XC
MR80-15	UC	UC	XC	XC	XC	XC	VC	VC	C
MR80-20	UC	UC	UC	UC	XC	XC	XC	XC	XC
MR80-25	UC	UC	UC	UC	UC	UC	UC	UC	XC
MR80-30	UC	UC	UC	UC	UC	UC	UC	UC	XC
MR80-40		UC	UC	UC	UC	XC	XC	XC	XC

COMBO-JET® MR110° ASABE S572.1 Spray Quality Chart

Pressure (bar)	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6
MR11-015	C	C	C	M	M	M	F	F	F	F
MR110-02	C	C	C	M	M	M	M	F	F	F
MR110-025	C	C	C	C	C	C	M	M	M	M
MR110-03	VC	VC	C	C	C	C	C	C	C	M
MR110-04	XC	VC	C	C	C	C	C	C	C	M
MR110-05	XC	XC	VC	VC	VC	C	C	C	C	C
MR110-06	XC	XC	XC	XC	VC	VC	VC	VC	C	C
MR110-08	UC	UC	UC	XC	XC	XC	XC	XC	VC	C
MR110-10	UC	UC	UC	XC	XC	XC	XC	XC	VC	C
MR110-125	UC	UC	UC	UC	UC	UC	UC	UC	XC	XC
MR110-15	UC	UC	UC	UC	UC	UC	UC	UC	UC	UC
MR110-20	UC	UC	UC	UC	UC	UC	UC	UC	XC	XC

COMBO-JET® MR Series Specifications

Approved for PWM Spray Systems
Compatible with all PWM Spray systems/Hz.

Operating Pressure

30-100PSI

Flat Fan Nozzle Type
Closed-Chamber, Pre-Orifice Drift Reduction

Nozzle Materials
Spray Tip: Stainless Steel
Repl.O-ring: FKM, 13mm x 3mm #40260-00 (viton avail)
Cap: Glass-reinforced Polypropylene

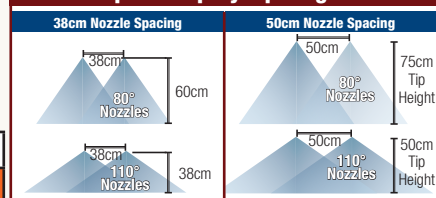
ASABE Spray Classification

(ASABE S572.1 Standard)
Spray quality is categorized based on Dv0.1 and VMD droplet sizes. Objective 3rd party testing data, from spray spectrum recording equipment (without wind tunnel use), has been used to classify spray quality for this chart. Chart shown includes spray quality at tested data points as well as extrapolated data points.

- Fine (F)
- Medium (M)
- Coarse (C)
- Very Coarse (VC)
- Extremely Coarse (XC)
- Ultra Coarse (UC)

Tips sized up to 110-06 verified on Phase Doppler Particle Analyzer (PDPA); tips sized over 110-06 verified on Malvern.

Optimal Spray Tip Height



LERAP Ratings for MR Series

As of January 2021

MR110-04	★★★★ 75%	☆☆ 50%
	1.0-2.5BAR	2.6-3.5BAR
MR110-05	☆☆☆☆ 90%	★★★★ 75%
	1.0-1.5BAR	1.6-5.0BAR
MR110-06	☆☆☆☆ 90%	★★★★ 75%
	1.0-1.5BAR	1.6-5.0BAR

For the updated list of nozzles, visit www.wilger.net/LERAP
More information on LERAP certification, process, and the most up to date listing of approved nozzles and their ratings, is available from the Health and Safety Executive (HSE), also available online @ <https://secure.pesticides.gov.uk/SprayEquipment>

JKI Nozzle Ratings for MRs
Visit www.wilger.net for updated charts

COMBO-JET® MR Pre-orifices - by size [Replacement Only]

	-005	-0067	-01	-015	-02	-025	-03	-04	-05	-06	-08	-10	-125	-15	-20	-25	-30	-40
	40285-005	40285-007	40285-01	40285-015	40285-01	40285-025	40285-03	40285-04	40285-05	40285-06	40285-08	40285-10	40285-125	40285-15	40285-20	40285-25	40285-30	40285-40