

# RADAR™ Magnetic AP-MM Spray System

MODEL # 977845

## OVERVIEW

The RADAR™ Magnetic AP-MM Spray System is a magnetic sensor activated, time delayed, asphalt release applicator that mounts to a user-supplied drive-through arch for spraying asphalt truck beds. This system uses a rugged Sandpiper air-operated, double-diaphragm pump to draw chemical concentrate and water from separate static tanks and blend them "on-the-fly" through an adjustable metering manifold to create a diluted solution. When a truck comes into range of the magnetic sensor, the system activates and a delay timer allows the driver to position the truck under the nozzle before spraying begins. The system shuts down and resets at the end of a pre-set time period or when the vehicle leaves the spraying area.

## Key Features

- The driver remains in his cab and avoids the risk of slip-and-fall injury and chemical waste
- Designed to spray asphalt release chemicals on to truck beds from a nozzle that attaches to an existing drive-through spray bar
- The rugged Sandpiper pump draws chemical concentrate and water from static tanks and blends them "on-the-fly"
- Achieves a wide range of dilution ratios using a metering manifold
- An adjustable timer delays spraying to allow the driver to position the truck
- Evenly coats the truck bed in just seconds, reducing run-off and chemical waste
- Spraying stops when the driver leaves the area or time expires
- Chemical resistant wetted components ensure years of outstanding performance with minimal maintenance
- See other Lafferty asphalt release equipment and industrial chemical applicators in [Catalog 8](#)

## Includes

- Lockable, stainless steel enclosure
- Control box with delay/run timers and magnetic sensor
- Water float valve assembly for user supplied tank
- 1/2" Sandpiper AODD Pump (Santoprene diaphragms)
- Machined polypropylene metering manifold
- 40' discharge hose with square spray nozzle

## OPTIONS

### Heater Assembly

Retro-Fit Heater Assembly # 720981

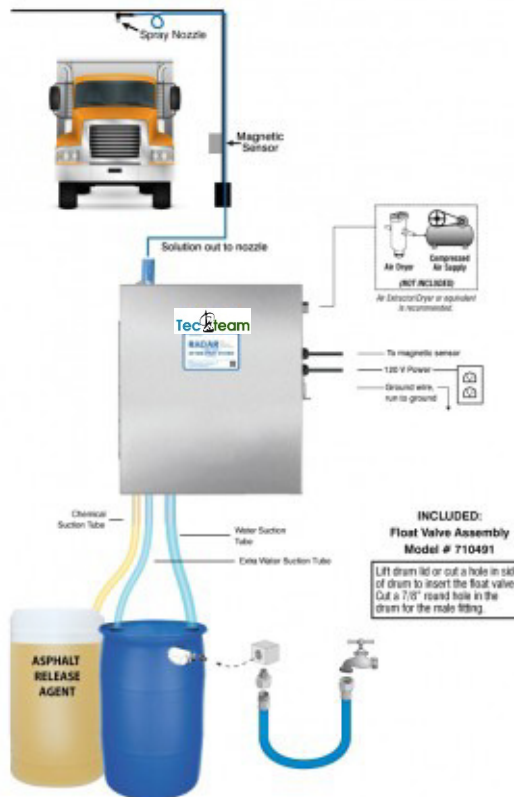
### Drum & Tote Stick Lengths, Styles & Seal Materials

Drum Stick, 33" (Viton or EPDM)	# 491643 / 491643-E
Drum Stick, 48" (Viton or EPDM)	# 491648 / 491648-E
Drum Stick, 54" (Viton or EPDM)	# 491645 / 491645-E
Tote Stick, 33" (Viton or EPDM)	# 491653 / 491653-E
Tote Stick, 48" (Viton or EPDM)	# 491654 / 491654-E
Tote Stick, 54" (Viton or EPDM)	# 491656 / 491656-E



### Spray Nozzle Assembly

Provides a square cone, wide angle spray pattern with uniform distribution throughout.



# RADAR™

RAPID DRIVE THRU ASPHALT RELEASE

## REQUIREMENTS

Chemical Concentrate	
Static Tank of Water	
Compressed Air	up to 10 CFM
Minimum Air Supply Line	3/8"
Hose	3/4" ID x 40'
Nozzle	45WSQ
Electric	120V