


TORO

PERROT HYDRA-M VAC POP-UP SPRINKLER



The Perrot HYDRA-M VAC gear drive pop-up sprinkler is an ideal choice for the irrigation of large turf areas like sports fields and parklands. Capable of achieving a throw of up to 31.5 m and a flow rate range of 70 - 190 L/minute, the Hydra-M is ideal for all large turf projects. The Hydra-M is supplied with a 24 VAC Valve-In-Head body. The valve is incorporated into the sprinkler body and is easily accessed from the top of the sprinkler.

FEATURES & BENEFITS

Innovative Nozzle Technology

The unique nozzle design minimizes water turbulence, which results in longer throw, reduced flows and high uniformity. Nozzles are available in 7, 8, 9, 10 and 11 mm sizes. Nozzles are easily removed / replaced.

Easy Arc Adjustment

Hydra-M is available in a preset Full circle (360°) and Adjustable arc model (30-330°). Adjustable arc model is adjustable from both arc stops:

Left hand arc - up to 90°

Right hand arc - 30 to 330°

Fast Rotation Speed

Rotation Speed for 360° arc in 130 - 280 seconds.

Closed Case Rotor

Designed for maximum efficiency and durability.

VAC Valve-In-Head

The Perrot Hydra-M sprinkler is available with a built-in 24 VAC electric Valve-in-Head body. This allows ON/OFF/Auto control at the rotor and provides individual management of each rotor to ensure that they perform at their highest level of efficiency.

Top Serviceable

All parts including the solenoid can be serviced from the top of the sprinkler without the need for digging.



PERROT HYDRA-M VAC POP-UP SPRINKLER

SPECIFICATIONS

Applications: Sports fields and Parklands

Technical Data:

Nozzle Sizes: 7, 8, 9, 10 and 11 mm

Operating Pressure: 350 - 700 kPa

Radius Range: 20 - 31.5 m

Flow Rate: 70 - 190 L/Min

Trajectory: 25°

Inlet: 1½" BSP Female

HYDRA-M Performance Data

Operating Pressure	Nozzle 7 mm		Nozzle 8 mm		Nozzle 9 mm		Nozzle 10 mm		Nozzle 11 mm	
	L/Min	m	L/Min	m	L/Min	m	L/Min	m	L/Min	m
400 kPa	70	20.0	90	22.0	105	23.5	125	24.0	143	25.0
500 kPa	80	22.0	100	24.0	118	25.5	140	27.0	162	28.0
600 kPa	87	24.0	108	26.0	130	27.5	153	29.0	177	30.0
700 kPa	93	25.0	117	27.0	142	28.5	167	30.0	190	31.5

HYDRA-M Product Details

Sprinkler Type	Inlet	Body Height	Pop-up Height	Minimum Pressure	Exposed Surface	Lid
HYDRA - M VAC	40 mm (1½") BSPF	350 mm	80 mm	350 kPa	172 mm	65 mm

HYDRA-M Ordering Information

RV13970	HYDRA-M FC Pop-up Sprinkler w/ 24 VAC VIH & Synthetic Turf Cover - 7.0 mm Nozzle
RV13971	HYDRA-M FC Pop-up Sprinkler w/ 24 VAC VIH & Synthetic Turf Cover - 8.0 mm Nozzle
RV13972	HYDRA-M FC Pop-up Sprinkler w/ 24 VAC VIH & Synthetic Turf Cover - 9.0 mm Nozzle
RV13973	HYDRA-M FC Pop-up Sprinkler w/ 24 VAC VIH & Synthetic Turf Cover - 10.0 mm Nozzle
RV13974	HYDRA-M FC Pop-up Sprinkler w/ 24 VAC VIH & Synthetic Turf Cover - 11.0 mm Nozzle
RV13915	HYDRA-M FC/PC Pop-up Sprinkler w/ 24 VAC VIH & Synthetic Turf Cover - 7.0 mm Nozzle
RV13916	HYDRA-M FC/PC Pop-up Sprinkler w/ 24 VAC VIH & Synthetic Turf Cover - 8.0 mm Nozzle
RV13917	HYDRA-M FC/PC Pop-up Sprinkler w/ 24 VAC VIH & Synthetic Turf Cover - 9.0 mm Nozzle
RV13918	HYDRA-M FC/PC Pop-up Sprinkler w/ 24 VAC VIH & Synthetic Turf Cover - 10.0 mm Nozzle
RV13919	HYDRA-M FC/PC Pop-up Sprinkler w/ 24 VAC VIH & Synthetic Turf Cover - 11.0 mm Nozzle
RB14682	HYDRA-M Nozzle Only - 7.0 mm
RB14683	HYDRA-M Nozzle Only - 8.0 mm
RB14684	HYDRA-M Nozzle Only - 9.0 mm
RB14685	HYDRA-M Nozzle Only - 10.0 mm
RB14686	HYDRA-M Nozzle Only - 11.0 mm