

TORO

PERROT HYDRA-2-S VAC POP-UP SPRINKLER



The Perrot HYDRA-2-S 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 25 m and a flow rate range of 41 - 165 L/Min the HYDRA-2-S is ideal for all larger turf projects. The HYDRA-2-S 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 a longer throw, reduced flows and high uniformity. Nozzles are available in 4, 5, 6, 7, 8 and 9 mm sizes. Nozzles are easily removed / replaced.

Easy Arc Adjustment

Hydra-2-S 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 60 - 130 seconds.

Closed Case Rotor

Designed for maximum efficiency and durability.

VAC Valve-In-Head

The Perrot Hydra-2-S 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-2-S VAC POP-UP SPRINKLER

SPECIFICATIONS

Applications: Sports fields and parklands

Technical Data:

Nozzle Sizes: 4, 5, 6, 7, 8 & 9 mm

Rotation Time: 60 - 130 Sec/360°

Operating Pressure: 400 - 700 kPa

Trajectory: 25°

Radius Range: 14.5 - 25 m

Inlet: 25 mm (1") BSPF

Flow Rate: 41 - 165 L/Min

HYDRA-2-S Performance Data

Operating Pressure	Nozzle 4 mm		Nozzle 5 mm		Nozzle 6 mm		Nozzle 7 mm		Nozzle 8 mm		Nozzle 9 mm	
	L/Min	m	L/Min	m	L/Min	m	L/Min	m	L/Min	m	L/Min	m
400 kPa	41.7	14.5	53.3	16.0	68.3	16.5	85.0	18.0	103.3	20.0	125.0	21.0
500 kPa	46.7	15.5	60.0	17.0	76.7	18.0	95.0	19.5	115.0	21.5	138.3	22.5
600 kPa	50.0	16.5	65.0	18.0	83.3	19.5	103.3	21.0	126.7	23.0	151.7	24.0
700 kPa	55.0	17.0	71.7	18.5	90.0	20.5	111.7	22.0	136.7	24.0	165.0	25.0

HYDRA-2-S Product Details

Sprinkler Type	Inlet	Body Height	Pop-up Height	Minimum Pressure	Exposed Surface	Lid
HYDRA-2-S VAC	25 mm (1") BSPF	344 mm	80 mm	350 kPa	162 mm	60 mm

HYDRA-2-S Ordering Information

RV13870	HYDRA-2-S FC Pop-up Sprinkler w/ 24 VAC VIH - 4.0 mm Nozzle
RV13871	HYDRA-2-S FC Pop-up Sprinkler w/ 24 VAC VIH - 5.0 mm Nozzle
RV13872	HYDRA-2-S FC Pop-up Sprinkler w/ 24 VAC VIH - 6.0 mm Nozzle
RV13873	HYDRA-2-S FC Pop-up Sprinkler w/ 24 VAC VIH - 7.0 mm Nozzle
RV13874	HYDRA-2-S FC Pop-up Sprinkler w/ 24 VAC VIH - 8.0 mm Nozzle
RV13875	HYDRA-2-S FC Pop-up Sprinkler w/ 24 VAC VIH - 9.0 mm Nozzle
RV13876	HYDRA-2-S FC/PC Pop-up Sprinkler w/ 24 VAC VIH - 4.0 mm Nozzle
RV13877	HYDRA-2-S FC/PC Pop-up Sprinkler w/ 24 VAC VIH - 5.0 mm Nozzle
RV13878	HYDRA-2-S FC/PC Pop-up Sprinkler w/ 24 VAC VIH - 6.0 mm Nozzle
RV13879	HYDRA-2-S FC/PC Pop-up Sprinkler w/ 24 VAC VIH - 7.0 mm Nozzle
RV13880	HYDRA-2-S FC/PC Pop-up Sprinkler w/ 24 VAC VIH - 8.0 mm Nozzle
RV13881	HYDRA-2-S FC/PC Pop-up Sprinkler w/ 24 VAC VIH - 9.0 mm Nozzle
RB14661	HYDRA-S Nozzle Only - 4.0 mm
RB14662	HYDRA-S Nozzle Only - 5.0 mm
RB14663	HYDRA-S Nozzle Only - 6.0 mm
RB14664	HYDRA-S Nozzle Only - 7.0 mm
RB14665	HYDRA-S Nozzle Only - 8.0 mm
RB14666	HYDRA-S Nozzle Only - 9.0 mm