

**TORO**

# PERROT P2S PISTON DRIVE SPRINKLER



The Perrot P2S Piston Drive Sprinkler has been designed with a focus on performance. Capable of a maximum throw of up to 55 m, the P2S is an ideal solution for sports fields where they can be installed around the outer perimeter of the playing surface. They are also ideal for use in agriculture and for dust suppression applications due to their long throw and fast rotation speed.

## FEATURES & BENEFITS

### Innovative Nozzle Technology

P2S nozzle design minimizes water turbulence, which helps to maintain stream exit speed at the nozzle outlet. This results in a longer throw, reduced flows and high distribution uniformity.

### Large Radius

Three nozzle sizes (16, 20 and 24 mm) are available offering a radius range of 35 - 55 m and flow rates of 336 - 1011 L/Min.

### Low Maintenance Piston Drive

A fully enclosed piston drive system presents a smooth vibration free continuous rotation.

### Reduced Watering Time

A combination of high flows and fast (adjustable) rotation speeds allows for quick cooling of synthetic sports fields and is ideal for use in agriculture and dust suppression systems. P2S features adjustable rotation speeds of 50 - 120 seconds for a 180° arc.

### Easy to Adjust

The P2S is a Full/Part Circle sprinkler.

Part Circle (30 - 330°) - via arc adjustment springs.

Full Circle (360°) - remove arc adjustment spring stops.



# PERROT P2S PISTON DRIVE SPRINKLER

## SPECIFICATIONS

**Applications:** Sports fields, agriculture and dust suppression

### Technical Data:

**Nozzle Sizes:** 16, 20 and 24 mm

**Flow Rate:** 336 - 1011 L/Min

**Secondary Nozzle:** 5 mm

**Trajectory:** 25°

**Operating Pressure:** 400 - 800 kPa

**Inlet:** 2½" BSP Female

**Radius Range:** 35 - 55 m

### P2S Precipitation Data

Operating Pressure	Nozzle Sizes	Sprinkler Spacing		Precipitation Rate	
		▲	■	▲	■
400 - 800 kPa	16, 20 & 24 mm	35x30.3 - 55x47.7	35x35 - 55x55	19.0 - 23.1 mm	16.4 - 20.1 mm

### P2S Performance Data

Operating Pressure	Nozzle 16 mm		Nozzle 20 mm		Nozzle 24 mm	
	L/Min	m	L/Min	m	L/Min	m
400 kPa	336	35.0	506	41.5	715	45.0
500 kPa	375	38.0	566	45.0	800	48.0
600 kPa	411	41.0	620	48.0	876	52.0
700 kPa	444	43.0	670	50.0	946	53.5
800 kPa	475	44.0	716	51.0	1011	55.0

Maximum radius achieved at minimum rotation speed

### P2S Ordering Information

<b>RF25161</b>	P2S FC/PC Piston Drive Sprinkler - 16 mm Nozzle
<b>RF25163</b>	P2S FC/PC Piston Drive Sprinkler - 20 mm Nozzle
<b>RF25165</b>	P2S FC/PC Piston Drive Sprinkler - 24 mm Nozzle
<b>RT25151</b>	P2S Nozzle Only - 16 mm
<b>RT25153</b>	P2S Nozzle Only - 20 mm
<b>RT25155</b>	P2S Nozzle Only - 24 mm