

Vanningsanlegg med pop-up sprinkler

VP3 fra  **VVS COMFORT**



Applications

- Sports fields with synthetic turf
- Football and hockey pitches
- Paddock, racetracks and more

Technical data

Nozzle variations: 16, 20, 24 mm
Operating pressure: 4 -8 bar
Casting Range: 34 – 54 m
Flow rate: 26 -69 m³/h
Rotation time 180°: From min. 50 to max. 120 sec. at 4-8 bar
Trajectory: 25°
Inlet: 2" female thread in

Benefits

- Full coverage of sports fields from the outside without any sprinklers inside the playing area.
- Unique enclosed piston drive for precise irrigation.
- New nozzle technology for outstanding casting ranges with less water and high distribution uniformity.
- Optional: Electric valve-in-head for individual control and a time-saving and cost-efficient installation.
- Flow-optimized valve with very low pressure loss.
- Optional for valve-in-head version:
 - "Sector Scout" defines identical start/stop point for every head. As a result the uniformity is improved; flow rate and the irrigation runtime are reduced.
- All parts including the solenoid can be serviced from the top without the need for digging.



VP3-anlegg levert av VVS Comfort i Norge

- √ Intility Arena (Oslo)
- √ Arena Nord (Bergen)
- √ Lerkendal Stadion (Trondheim)
- √ Ekeberg Kunstgress (NFF Oslo)
- √ Kringsjø Kunstgress (Lyn)
- √ Myrdal Stadion (Ulset)
- √ ...og flere andre

<i>Sprinkler type</i>	<i>Inlet</i>	<i>Body height</i>	<i>Pop-up height</i>	<i>Minimum pressure</i>	<i>Expose surface Ø</i>	<i>Lid Ø</i>
VP3	2" IG / female	528 mm / 1,73 feet	120 mm / 0,39 feet	4,0 bar / 58 psi	350 mm / 1,15 feet	256 mm / 0,84 feet
VP3-KR	2" IG / female	562 mm / 1,90 feet	120 mm / 0,39 feet	4,0 bar / 58 psi	350 mm / 1,15 feet	267 mm / 0,88 feet
VP3 VAC	2" IG / female	686 mm / 2,23 feet	120 mm / 0,39 feet	4,0 bar / 58 psi	350 mm / 1,15 feet	256 mm / 0,84 feet
VP3-KR VAC	2" IG / female	720 mm / 2,39 feet	120 mm / 0,39 feet	4,0 bar / 58 psi	350 mm / 1,15 feet	267 mm / 0,85 feet

Types available

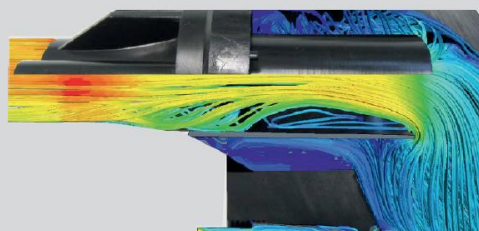
Full and part circle sprinkler

- without valve
- with valve-in-head
- with Sector Scout (SC)
- with plastic lid
- with special cover for installation on synthetic turf (KR)



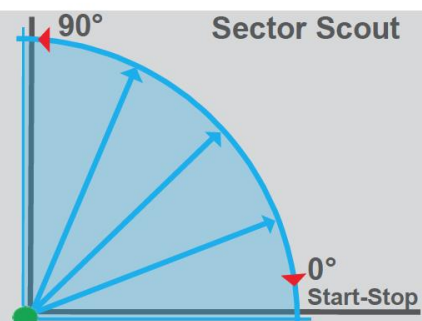
Nozzle technology

Smart nozzle design smoothly accelerates the water with very low turbulences from the nozzle inlet to the outlet. Thus, higher casting ranges at reduced flow.



Sector scout

All sprinklers always start in parallel to the baseline. The programming is consequently based on the number of sector runs instead of setting a runtime.



Operating pressure	Nozzle 16mm		Nozzle 20mm		Nozzle 24mm	
	m ³ /h gpm	m feet	m ³ /h gpm	m feet	m ³ /h gpm	m feet
4,0 bar 58 psi	25,9 114,1	34,0 111,5	36,1 159,0	40,0 131,1	48,7 214,5	42,0 137,7
5,0 bar 73 psi	29,0 127,8	37,0 121,3	40,4 178,0	42,0 137,7	54,4 239,6	44,0 144,3
6,0 bar 87 psi	31,7 139,6	40,0 131,1	44,3 195,2	45,0 147,5	59,6 262,6	49,0 160,7
7,0 bar 102 psi	34,3 151,1	42,0 137,7	47,9 211,0	48,0 157,4	64,4 283,7	52,0 170,5
8,0 bar 114 psi	36,7 161,7	44,0 144,3	51,2 225,6	50,0 163,9	68,9 303,5	54,0 177,0



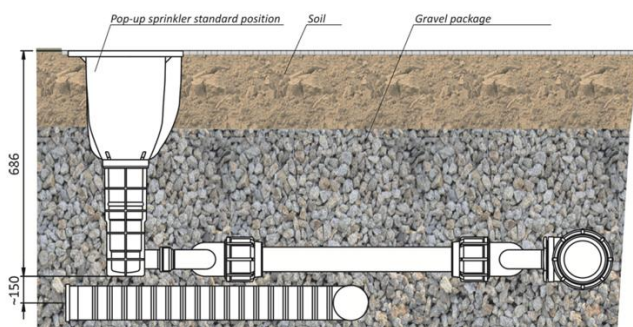
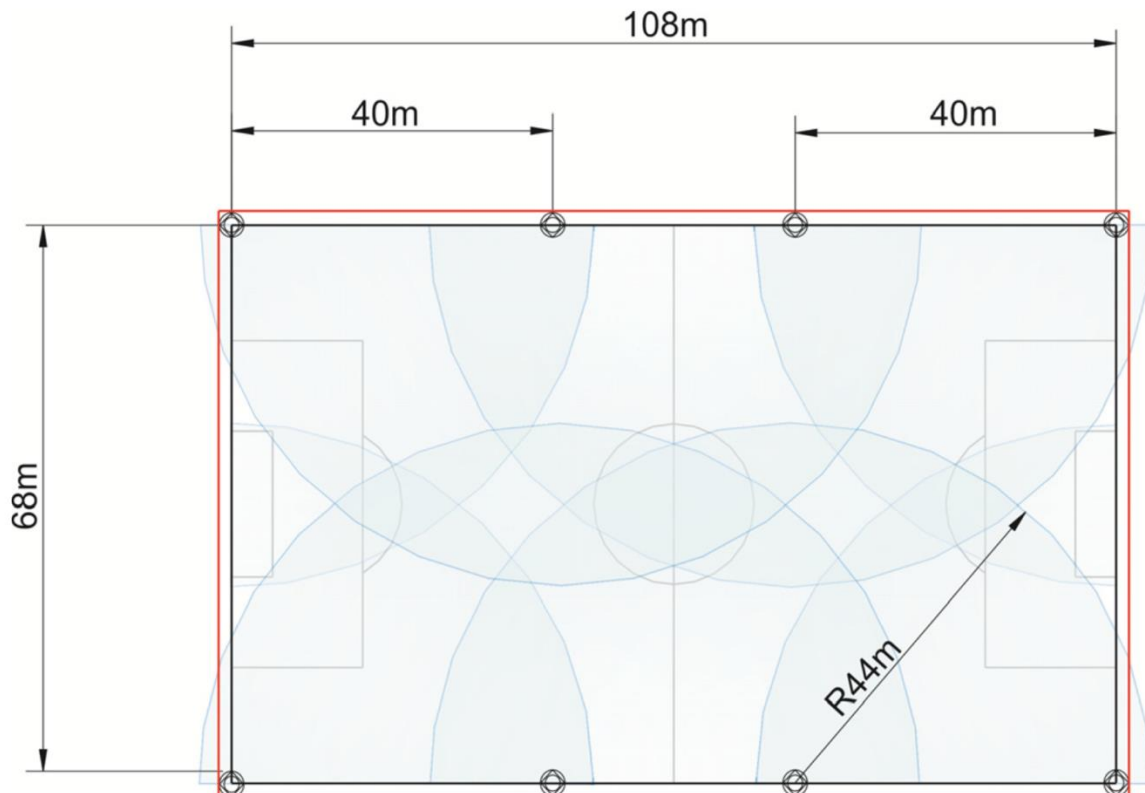
Ø16mm RB 25412
Ø20mm RB 25413
Ø24mm RB 25414

Casting range valid at min. adjustable rotation speed

Football – Artificial and natural grass Irrigation System

Automatically controlled pop-up irrigation system with PERROT sprinklers VP3 VAC.
All pop-up sprinklers installed outside the playing area.

Sports field size 108m x 68m



Section cut – Installation of VP3 sprinkler

Perrot VP3 system

- Exceptional Casting range
- Irrigation Long Throw World Champion
- Replaceable Turf Covers
- Easy maintenance from the top
- Optional Sector Scout
- Wide range of programs

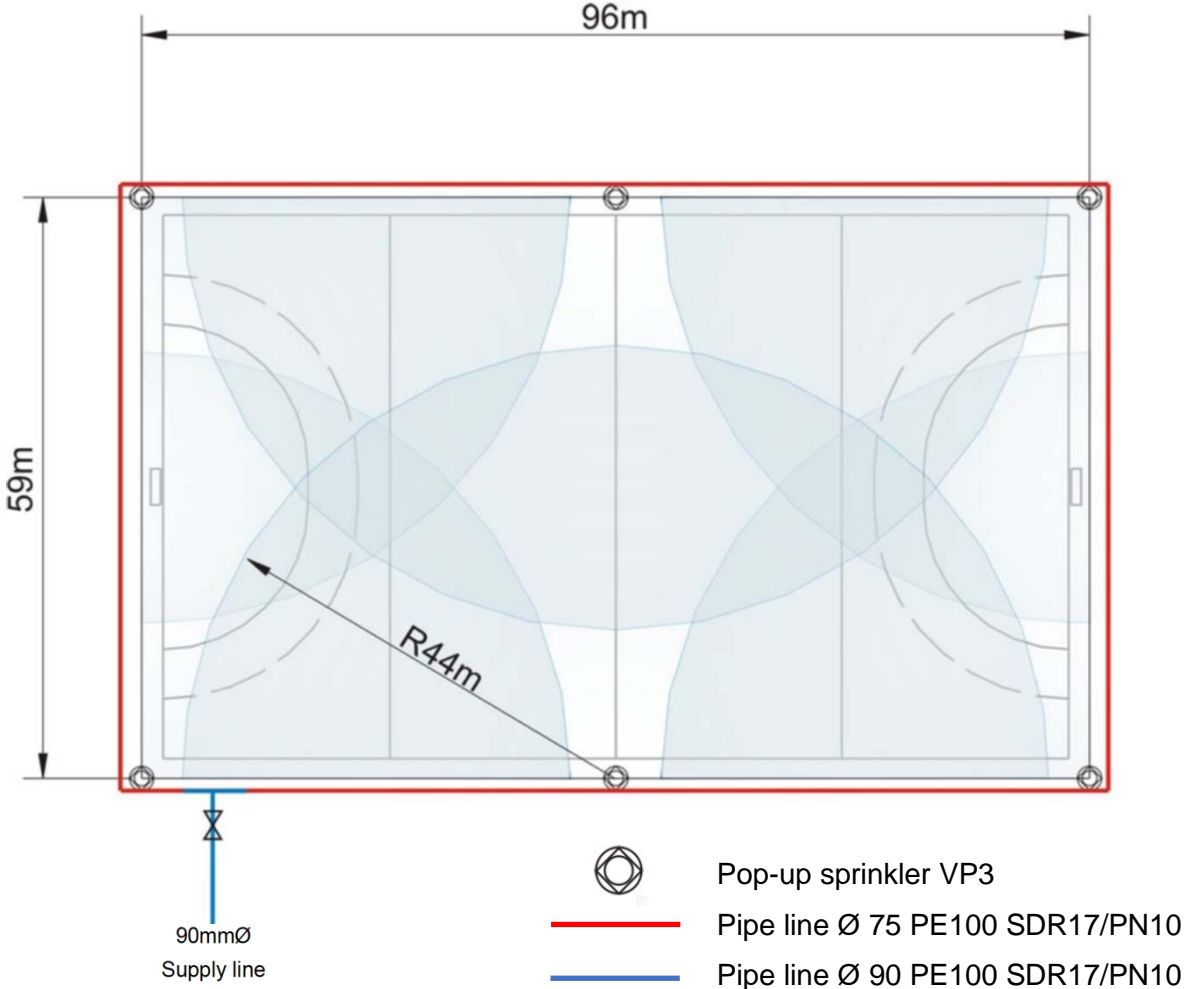


Hockey & Sports field – Irrigation System

Automatically controlled pop-up irrigation system with PERROT sprinklers VP3 VAC. All pop-up sprinklers installed outside the playing area.



Sports field size 96m x 59m



VP3 Performance data:

Flow rate:

1 lateral sprinkler Q = 37m³/h

Operating pressure at the sprinkler nozzle 8,0 bar

*Irrigation sequence is divided into 6 sections
each sprinkler is individually controlled*

Max. flow rate per section Q = 37m³/h

Average precipitation density 6,5 mm/h

Required flow pressure at the connecting terminal 10 bar



Rain Machine

- 24VAC Styreskap
- App/Cloud Control
- WiFi and Ethernet connection
- Unlimited programs
- EvapoTranspiration factor
- Master Valve and Sensor ready
- Water Conservation
- Watering restrictions and Rain Delay Options
- 16 zones + MV
- Touchscreen
- Data and history center