

Valve boxes | Irritec®



PSZ

Ref.	Description	Dimensions
IGPSZ2000N04R	STANDARD rectangular	50x37x30cm
IGPSZ2000N06R	JUMBO rectangular	63x50x31cm

Innovative, light and resistant, PSZ valve boxes are UNI EN 124 certified for vehicle transit. Rounded border and pre-cut openings to simplify and considerably reduce installation times. Not a simple screw, but a vandalism-proof bolt that is particularly useful in public systems.

Quick and safe cover opening is possible by simply placing a hand in the pocket handle in the body of the valve box. Using the pocket handle in the base it is extremely easy to lift the cover, also long after installation - for example when maintenance is required to clean the filter, or to winterize the system and reopen it in the spring.

The upper section of the base has a bracket to house the 9 volt control units, especially useful for the Bluetooth versions which if mounted on the upper part of the valve box can boost the signal reception range.

Functions

- Pocket handle to facilitate cover removal
- No holes in the cover so as to prevent soil and debris from entering
- Rounded borders to avoid damage to gardening machines
- Pre-cut lengthwise openings with centre-to-centre distance identical to the manifold couplings to facilitate installation of pipes up to 40 mm in diameter
- Pre-cut broadside openings for passing a pipe 63 mm Ø for the STANDARD valve box and 90 mm Ø for the JUMBO valve box
- The pre-punched holes considerably reduce installation times
- Co-moulded bracket in the upper part of the body to fasten the control units into the valve box
- Ribbing on the inside of the cover to support a heavy load

Technical specifications of the STANDARD valve box

- Body in black polypropylene
- Cover in green polypropylene
- Bolt in stainless Steel AISI 304
- Base dimensions: 500 x 370 x H 300 mm
- Cover dimensions: 371 x 251 mm
- 4 pre-cut outlets for pipes up to 40 mm
- 2 pre-cut intakes for pipes up to 40 mm and 1 for up to 63 mm
- Weight: 2.90 kg

Technical specifications of the JUMBO valve box

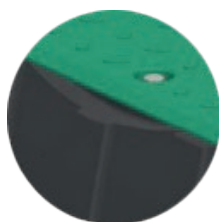
- Body in black polypropylene
- Cover in green polypropylene
- Bolt in stainless Steel AISI 304
- Base dimensions: 630 x 500 x H 310 mm
- Cover dimensions: 494 x 370 mm
- 6 pre-cut outlets for pipes up to 40 mm
- 4 pre-cut intakes for pipes up to 40 mm and 1 for up to 90 mm
- Weight: 5.90 kg



ROUNDED BORDERS



ROBUST POCKET HANDLE



BRACKET FOR CONTROL UNITS



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PCZ

Ref.	Description
IGPCZ2000N02C	LARGE circular
IGPCZ2000N04R	STANDARD rectangular
IGPCZ2000N06R	JUMBO rectangular

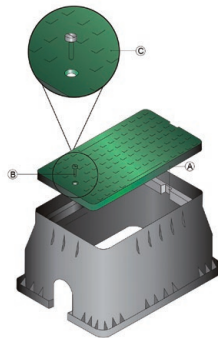
Created primarily to house solenoid valves, shutters, hydro valves and any other underground tool to be inspected. Robust and made from the highest quality materials, the valve boxes are weather and shock resistant. The vandalism-proof bolt and locking nut act as the handle to lift the cover. The wells allow passage for green maintenance vehicles and are therefore also recommended for parks, sports fields and public green areas. They also have a green cover to better blend into the lawn. The overlap stops debris from entering.

Technical Specifications

- Black base in reinforced polypropylene
- Cover with overlap border in green reinforced polypropylene
- Vandalism-proof bolt in stainless steel AISI 304 for rectangular models
- Maximum load capacity according to UNI EN 124 standard. See table below



VANDALISM-PROOF BOLT WITH LOCKING NUT IN THE INTERIOR ACTS AS THE HANDLE TO LIFT THE COVER.



POZ

Ref.	Description
IGPOZ2000N01C	MINI circular
IGPOZ2000NA2C	LARGE circular
IGPOZ2000NA4R	STANDARD rectangular
IGPOZ2000NA6R	JUMBO rectangular

Created primarily to house solenoid valves, shutters, hydro valves and any other underground tool to be inspected. They are made from weather and shock resistant materials. The vandalism-proof bolt and locking nut act as the handle to lift the cover. The wells allow passage for green maintenance vehicles and are therefore also recommended for parks, sports fields and public green areas. They have a green cover to better blend into the lawn.

Technical Specifications

- Black base in reinforced polypropylene
- Cover in green reinforced polypropylene
- Vandalism-proof bolt in stainless steel AISI 304 for rectangular models
- Maximum load capacity according to UNI EN 124 standard. See table below



EXT

Ref.	Description
IGEST2000N14R	STANDARD h 90
IGEST2000N04R	STANDARD h 165
IGEST2000N06R	JUMBO h 165

Extension for rectangular valve boxes. These can be fitted on Standard and Jumbo valve boxes in the PCZ and POZ series. They lock on to the valve box to increase their height, very useful for sports grounds where the pipes are normally laid at a depth of more than 30 cm.

Technical Specifications

- Black base in reinforced polypropylene
- Without cover

Model	Ref. PCZ - POZ - EST			Max load	Weight kg
	Lower base	Upper base	H		
MINI	200	160	230	250 kg	0.49
LARGE	320	225	250	450 kg	1.23
STANDARD	380 x 496	273 x 405	300	700 kg	3.66
JUMBO	500 x 640	370 x 520	300	1000 kg	7.18
STANDARD EXT.	273 x 405	273 x 405	90	-	1.04
STANDARD EXT.	273 x 405	273 x 405	165	-	1.62
JUMBO EXT	370 x 520	370 x 520	165	-	2.50