

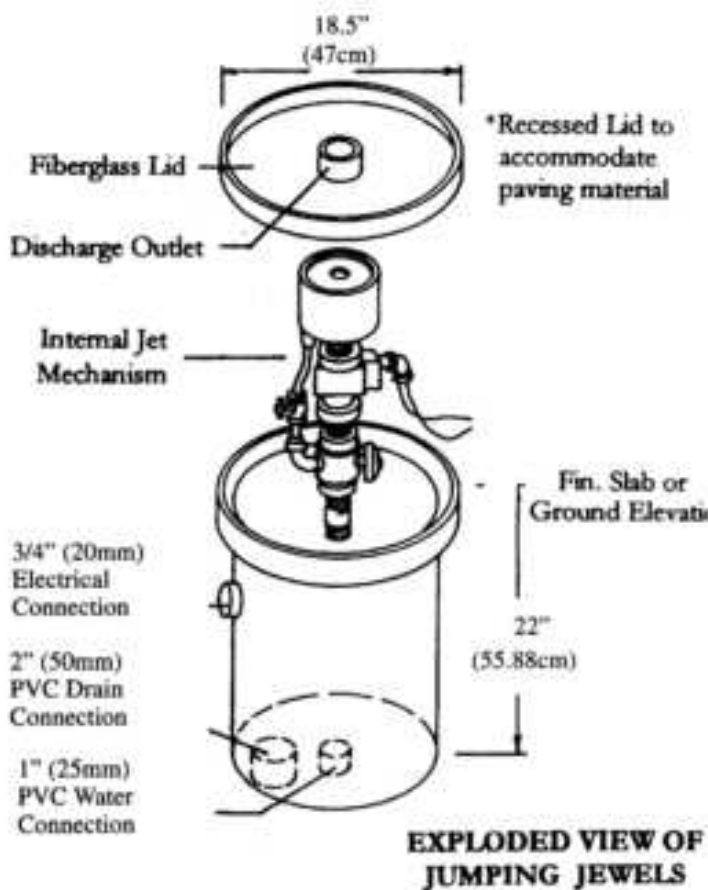


Technical Data Sheet

Product: Jumping Jewel
Product Code: JJewel



- Children of all ages enjoy the “golf ball” size blob of water up to 1.5M high. It has a strip of droplets below which are very reflective.
- NCA’s Jumping Jewel can be installed as a stand alone or in a niche, which is installed level with the pavement. The round niche is shown in the diagram below. Refer to page 2 to for details of the alternate square niche.
- In stand alone situations, and in a paved area, allow access for maintenance.

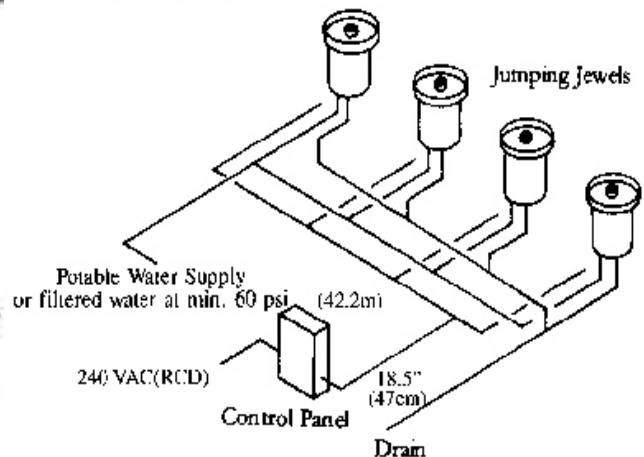


- Requires a supply of 0.03 litres per second at 42 M pressure.
- Optional lighting with NCA's LU35, 35Watt 12V, MR11 lamp.

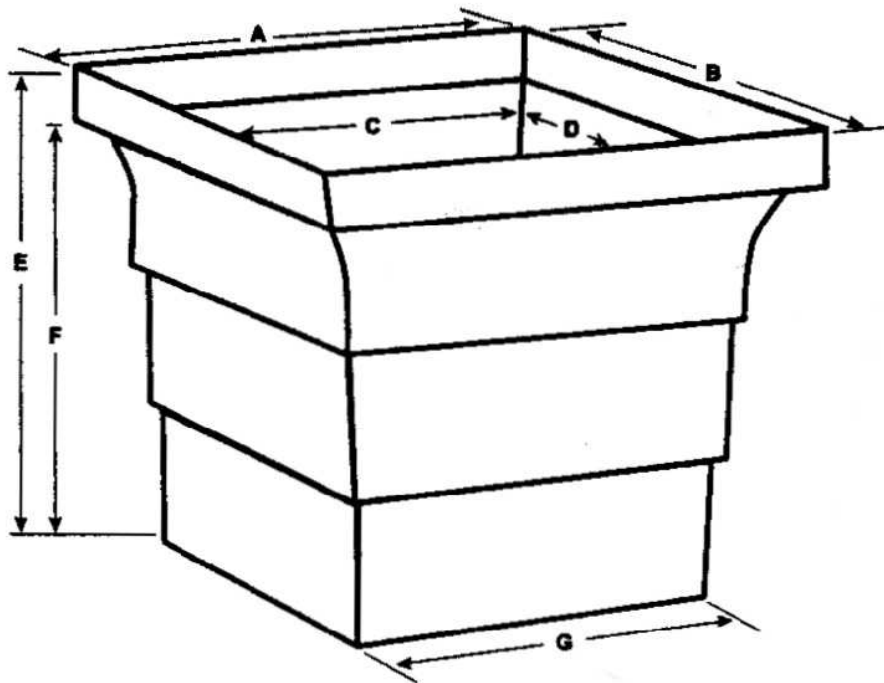
Installation:

- Lay a concrete blinding slab, 750mm below finished paving level.
- Install and test drainage, water and electrical supply.
- Fill void with crushed rock to paving slab.

TYPICAL INSTALLATION FOR 4 JEWELS

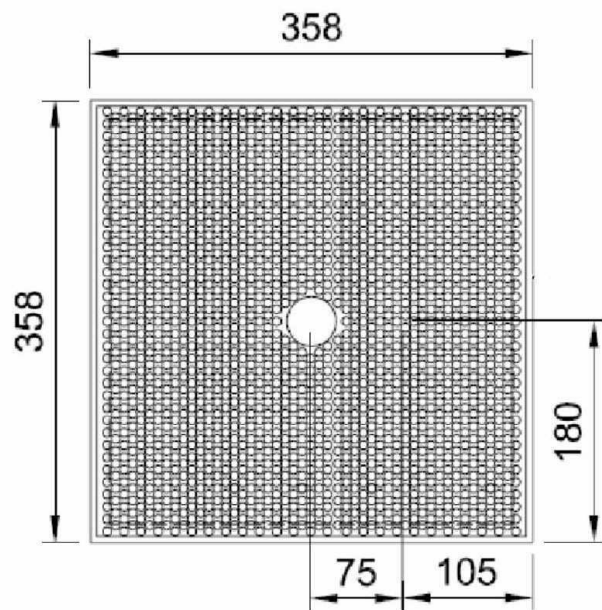


- Dimensions of NCA's square niche employed for its Jumping Jewel jet:



A	B	C	D	E	F	G
358mm	358mm	315mm	315mm	452mm	426mm	292mm

- Electrical, water and drainage connections are as per NCA's round niche shown on page 1.
- The Square Niche's lid fits inside the rim of the niche and finishes flush with its lip. The lid is manufactured from stainless steel mesh with 6mm aperture, mounted on a stainless steel frame of 20 x 3mm bar. The lid measures 348 x 348 x 20mm. The 60mm diameter centre hole allows the water display to pass through without interference.
- The mesh allows the optional light fixture's beam to pass through to illuminate the display. The internal light assembly is located 75mm from the centre of the jet and 180mm from the pit's edge – refer to diagram on the left.



Setting and Operation of Jumping Jewel Display

1. Clean pipe work by pumping water through BEFORE installing Jumping Jewel Jet assembly.
2. Install Jumping Jewel Assembly using Teflon thread sealant tape on all joints.
3. Start pump and adjust small needle valve until the canister is full of water with a 10 to 12mm mound of water is in the centre. Ensure water is dripping onto Lamp Lens for cooling.
4. Adjust main gate valve (Blue handle) to set display height (1.2 to 1.5 M).
5. Check operation sequence.

Solenoid Flow Control

