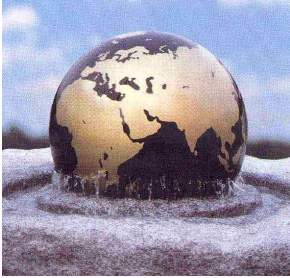


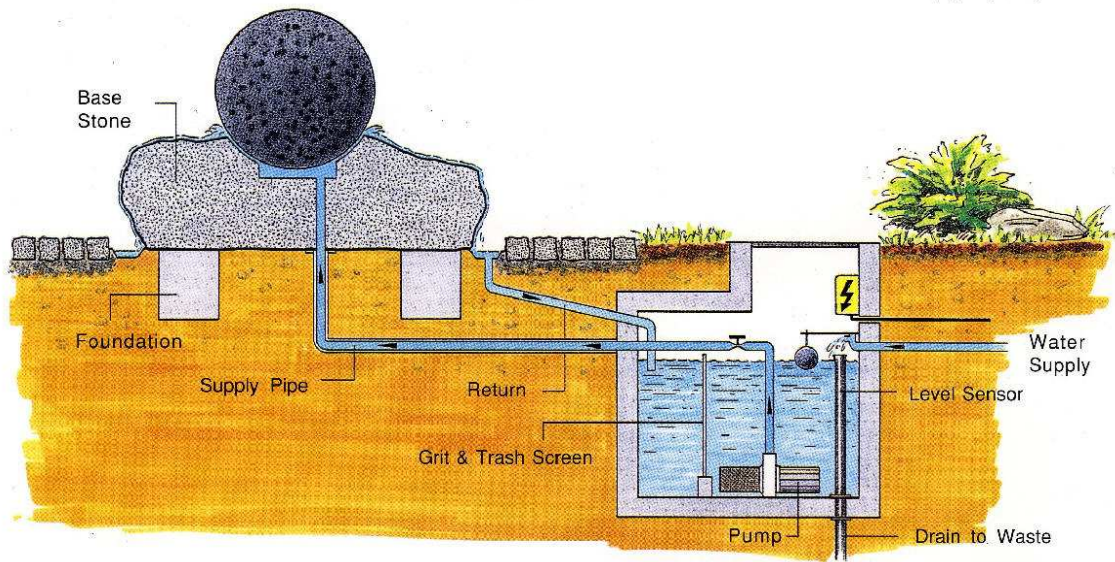


Technical Data Sheet

Product: Floating Granite Spheres



- The amazing, simple application of basic physics and precise stonemasonry are the keys to the floating granite sphere. The granite spheres can be made in sizes ranging from 300mm to 2500mm in diameter. A socket exactly matching the sphere diameter is cut and polished in the base rock. The sphere is designed to continually rotate in different directions to keep it glistening wet.
- The sphere and base can be machined and polished in stone of your choice, or you can select from our standard colours. Spheres can have their surface relief sandblasted and inlaid to produce a desired image, as shown.
- The stone spheres are precisely machined to a perfect sphere and balanced on a machine developed and patented by Kusser Granit. The manufacture ensure there is no risk of small fingers becoming jammed.



- The above diagram shows all components needed to support a Floating Granite Sphere Water Feature. Water pumped at low pressure is fed into the centre of the socket where it lifts the sphere. The water then either flows over the base, or into a channel and returns to the concealed pump pit. Even spheres weighing several tonnes can easily be turned by hand.



- Technical Data

Diameter mm	Volume M ³	Weight Kg	Water Pressure / Bar	Water Volume litres/minute
300	0.014	38	0.9	8
400	0.034	90	0.9	15
500	0.065	177	0.9	20
600	0.113	305	0.9	30
700	0.180	485	0.9	40
800	0.268	724	1.0	55
900	0.382	1,031	1.0	70
1000	0.524	1,414	1.0	85
1100	0.697	1,882	1.3	100
1200	0.905	2,443	1.3	120
1300	1.150	3,106	1.3	130
1400	1.437	3,879	2	140
1500	1.767	4,771	2	150
1600	2.145	5,791	2	160
1700	2.572	6,946	2	170
1800	3.054	8,245	2	180
1900	3.591	9,697	2	190
2000	4.189	11,310	2	200
2100	4.489	13,092	2.5	210
2200	5.575	15,053	2.5	220
2300	6.371	17,201	2.5	230
2400	7.238	19,543	2.5	240
2500	8.181	22,089	2.5	250

- Typical applications

- ☺ *An attractive feature in malls.*
- ☺ *Eye catching in foyers and lobbies of office buildings and hotels.*
- ☺ *As a central feature in restaurants and gardens.*
- ☺ *Mini-spheres from 120mm to 200mm as a major feature in private residences.*