

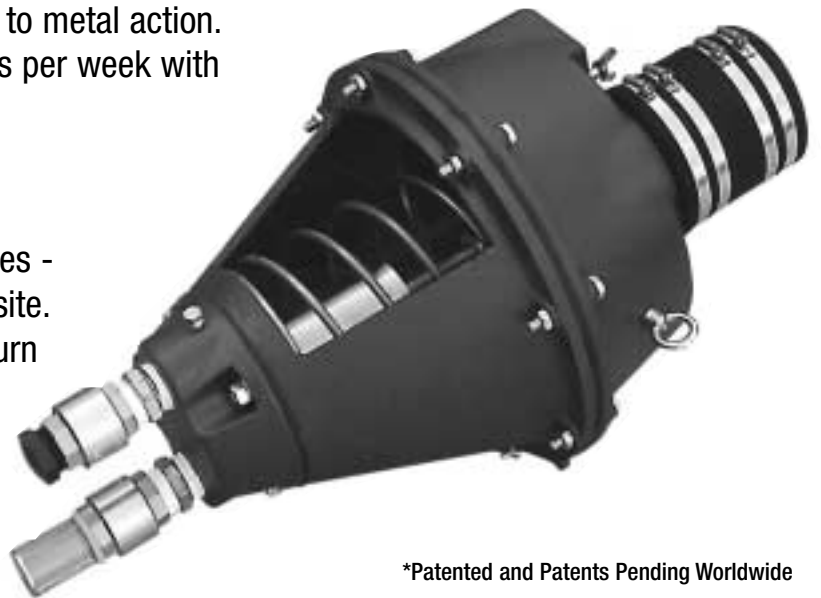


THE AWARD WINNING GLOCKEMANN PUMP

# “Reliable, low cost, environmentally safe water pumping.”

## With a *Glockemann*\* water powered water pump.

- **Water Powered** - needs no petrol or electricity, just a creek or stream.
- **Low supply head** - as low as 0.5 metre.
- **High Delivery heads** - up to 200 metres or more.
- **Quiet** - no mechanical noises - no metal to metal action.
- **Runs Reliably** - 24 hours per day, 7 days per week with no attention.
- **Built to Withstand Heavy Flooding**
- **Requires Minimal Maintenance**
- **Versatile** - no need for straight drive tubes - use 45°, 90° or 30° elbows to suit your site.
- **Adjustable Throttle** - in dry times just turn it down - as low as 25% capacity.
- **Low Flow Rate** - as little as 1.5 litres/second.



\*Patented and Patents Pending Worldwide

Revolutionary technology which for the first time allows pumping of water using very low supply heads - 0.6 metre supply gives 1,300 litres per day to a head of 50 metres.

This Australian designed and manufactured product uses the energy of water falling only a short distance to power a diaphragm piston pump.

The **Glockemann Water Pump**\* is highly efficient, runs silently, simple to operate and maintain, even for non technical users.

Manufactured from cast iron and stainless steel, the 'Glockemann' is built to last a lifetime under the toughest conditions.

**GLOCKEMANN PECK**  
ENGINEERING

# Glockemann Pump - Performance Statistics

## 320 Oasis - Pump Outputs

DELIVERY HEAD VS OUTPUTS IN LITRES/DAY - USING <b>100MM</b> DIAMETER DRIVE TUBE										
DROP	5M	10M	20M	35M	50M	75M	100M	150M	200M	FLOW
1.8M			g 17000	e 10300	d 7450	c 4950	c 3750	b 2500	a 1850	5.5L/S
1.6M		g 25000	f 14400	e 9100	d 6400	c 4300	b 3200	b 2200	a 1600	5.0L/S
1.4M		g 21000	f 12200	d 7650	c 5350	c 3650	b 2650	a 1700	a 1350	5.0L/S
1.2M		g 19200	e 10300	d 6350	c 4450	b 3000	b 2300	a 1450	a 1100	4.5L/S
1.0M	g 21000	f 15200	d 8500	c 4800	c 3400	b 2200	a 1700	a 1150	a 800	4.5L/S
0.8M	g 16000	e 9300	c 5400	c 3350	a 2150	a 1400	a 1100	a 650		4.0L/S
0.6M	f 12400	d 6450	c 3250	a 1800	a 1300	a 850	a 600			4.0L/S
0.4M	c 4300	b 2300	a 1150	a 650						3.5L/S

DELIVERY HEAD VS OUTPUTS IN LITRES/DAY - USING <b>150MM</b> DIAMETER DRIVE TUBE										
DROP	5M	10M	20M	35M	50M	75M	100M	150M	200M	FLOW
1.6M			g 20000	f 12000	e 8500	d 6200	c 4700	b 3150	b 2350	8.0L/S
1.4M			g 17000	e 10000	d 7500	c 5200	c 3900	b 2600	b 2000	7.0L/S
1.2M		g 23000	f 14500	e 8600	d 6700	c 4500	b 3350	b 2250	a 1700	7.0L/S
1.0M	g 24000	g 19000	e 11200	d 7100	c 4950	b 3350	b 2500	a 1600	a 1250	6.0L/S
0.8M	g 18900	f 13000	d 7200	c 4150	b 2900	b 1900	a 1450	a 1000	a 700	5.5L/S
0.6M	f 13950	d 7800	c 4150	b 2350	a 1600	a 1100	a 800	a 550		5.0L/S
0.4M	d 6480	b 3400	a 1700	a 1000	a 650					4.5L/S
0.3M	b 2430	a 1250	a 650							

Bore Diameters - 320 Oasis		160 Water Dragon
a = 35mm	e = 86mm	a = 35mm
b = 48mm	f = 98mm	b = 48mm
c = 60mm	g = 124mm	c = 60mm
d = 73mm		



'160' Water Dragon

The dimensions of each model are:

	Length	Height/Width	Weight
'320' Oasis	50 cm	40 cm	60 kilograms
'160' Water Dragon	57 cm	20 cm	10 kilograms

Statistics are approximate as at January 2003. Due to ongoing development, the information in this brochure may change.

## 160 Water Dragon Pump Outputs

DELIVERY HEAD VS OUTPUTS IN LITRES/DAY							
DROP	5M	10M	20M	35M	50M	75M	FLOW
3.0M				c 5000	c 4400	b 2800	1.0L/S
2.5M				c 4000	b 3300	b 2100	1.1L/S
2.0M			c 5000	b 3000	b 2200	a 1400	1.2L/S
1.6M			b 3700	b 2400	a 1700	a 1100	1.4L/S
1.2M		c 5000	b 2500	a 1800	a 1300	a 900	1.7L/S
1.0M		c 4000	b 2000	a 1400	a 900		1.6L/S
0.8M	c 5000	b 3000	a 1500	a 1100	a 700		1.4L/S
0.6M	c 3800	b 2000	a 1000	a 600			1.4L/S
0.4M	c 2700	a 600					1.4L/S
0.3M	a 800						1.4L/S

**Note:** All tables show *maximum* 'drops' allowable for Glockemann pumps.

The Glockemann pump will not function correctly using 'drops' larger than those recommended in the performance tables.