

# STUART

## Jet CM Pumps

Ideal for the high pressure delivery of clean non-potable water from a water tank/cistern.

The integrated control module automatically detects a drop in pressure or flow and switches the pump on making it suitable for both positive and negative head applications. Jet pumps will self prime up to 5 metres and are supplied with a carry handle, a manual on/off switch and power lead fitted with a 13 Amp fused plug.

The range is suitable for general purpose use, pumping cold water.

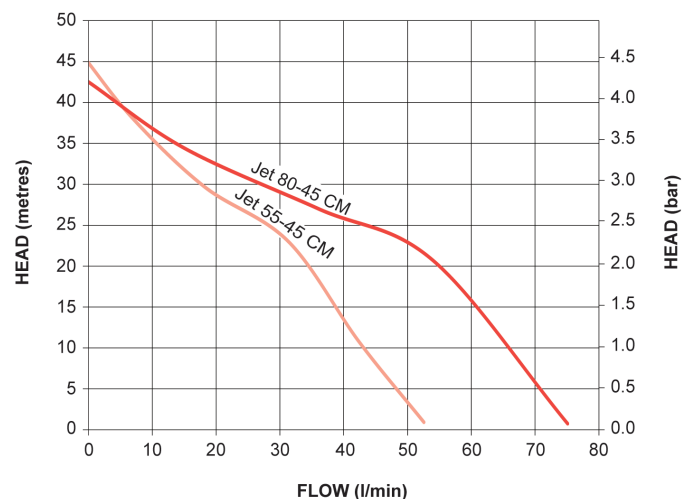


### Features

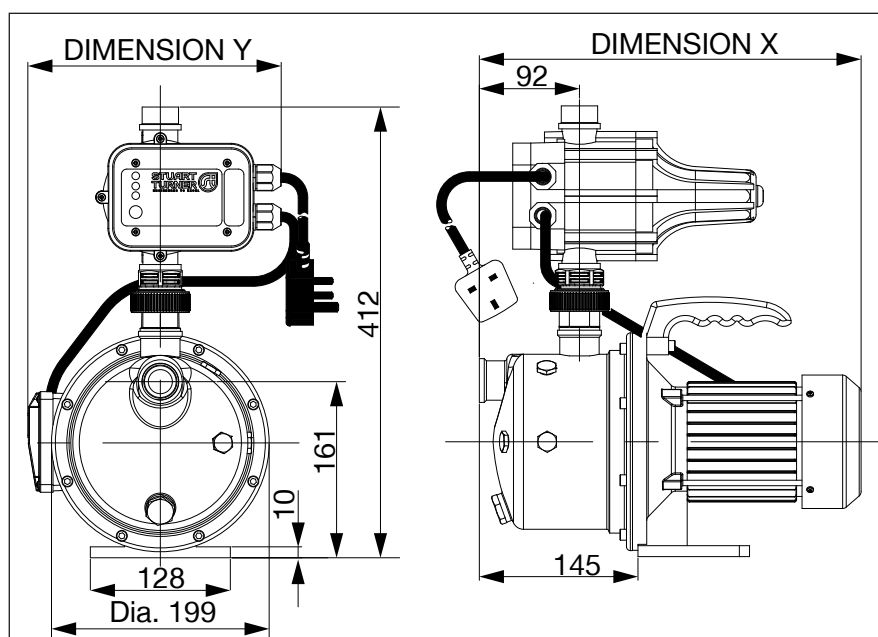
- Centrifugal jet pump
- Flow rates up to 80 litres per minute and heads up to 45 metres
- Integrated pump control module
- Continuously rated
- Self priming up to 5 metres (footvalve fitted)
- Carrying handle
- Manual on/off switch
- 1 year guarantee

### Application

- The portable Jet pump is ideal for many household and light industrial uses
- Suitable for lifting and pressurising water from a well or storage tank for a domestic supply



Pump Model		Jet 55-45 CM 50 Hz 46639	Jet 80-45 CM 50 Hz 46640
General	Guarantee	1 year	
	Approvals	CE	
Features	Pump type	Centrifugal	
	Pump control	Control module	
	Self priming	✓	✓
	Carry handle	✓	✓
	Integral on/off switch	✓	✓
	Typical noise	68 dB(A)	72 dB(A)
Materials	Pump body	Stainless steel	
	Impeller	Plastic	
	Mechanical seal	EPDM / Carbon / Ceramic	
Performance	Maximum head – closed valve	4.5 bar / 45 metres	4.5 bar / 45 metres
	Performance @ 9 l/min	3.6 bar / 36 metres	3.7 bar / 37 metres
	Performance @ 50 l/min	0.3 bar / 3 metres	2.3 bar / 23 metres
	Maximum flow	55 l/min	80 l/min
	Manimum static inlet pressure	0.1 bar (1 metre)	
	Maximum static inlet pressure	0.5 bar (5 metres)	
	Maximum working pressure*	500 kPa (5 bar)	
	Maximum ambient air temperature	40 °C	
	Min / Max water temperature	Min 4 °C / Max 35 °C	
	Maximum suction lift**	5 metres	
Connections	Pump connections	G 1 female (inlet), G 1 female (outlet)	
Motor	Type	Induction, auto-reset thermal trip	
	Duty rating	Continuous (S1)	
Electrical	Power supply (Vac/Ph/Hz)	230 V a.c. / 1 / 50 Hz	
	Power consumption – P1	640 Watts	925 Watts
	Current – full load	2.9 Amps	5.2 Amps
	Fuse rating	13 Amps	
	Power cable length	1.5 metres (pre-wired)	
Physical	Enclosure protection	IPX4	
	Length	349 mm	374 mm
	Width	232 mm	239 mm
	Height – excluding hoses	412 mm	
	Weight – including fittings	8.1 Kg	10.3 Kg



\* The maximum pressure that can be applied to the pump under any installation conditions.  
 \*\*With footvalve fitted.  
 Although these pumps are self priming we recommend a footvalve/strainer is used if a suction lift is required.

Pump Description	Dim. 'X'	Dim. 'Y'
Jet 55-45 CM	349 mm	232 mm
Jet 80-45 CM	374mm	239 mm

Stuart Turner Limited reserves the right to amend specifications without notice.

Stuart Turner Ltd, Henley-on-Thames, Oxfordshire RG9 2AD Tel: +44 (0) 1491 572655 Fax: +44 (0) 1491 573704  
 TechAssist Helpline +44 (0) 800 31 969 80  
 www.stuart-turner.co.uk

Pt. No. 19767 Issue 4219/2-01