

STUART

Pulse Cast Iron Twin Circulator

Stuart Pulse Cast Iron Circulators are used for the transfer of water within systems for hot-water heating, air-conditioning and ventilation.

These twin head variable speed circulators are designed to constantly monitor and regulate pressure and flow and adjust according to the set operating mode.



EEI 0.20

UK
CA

CE

2 YEAR
WARRANTY

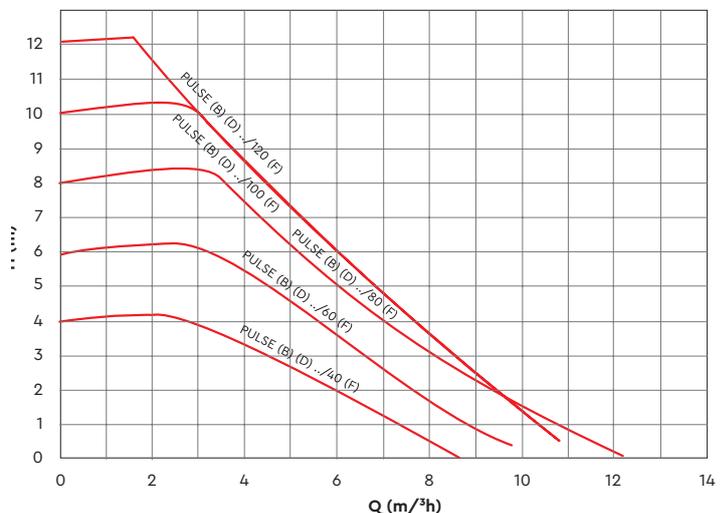
Features

- Automatic, proportional pressure, constant pressure and constant speed operating modes
- Automatic night operation mode
- ECM permanent magnet technology
- Automatic venting cycle
- Robust cast iron housing
- Continuously rated
- Carbon-Graphite bearings
- 180 mm fitted length
- G 2 threaded connections
- ErP compliant
- Built-in over-current, temperature and over-voltage protection
- LED display control panel
- 2 year warranty

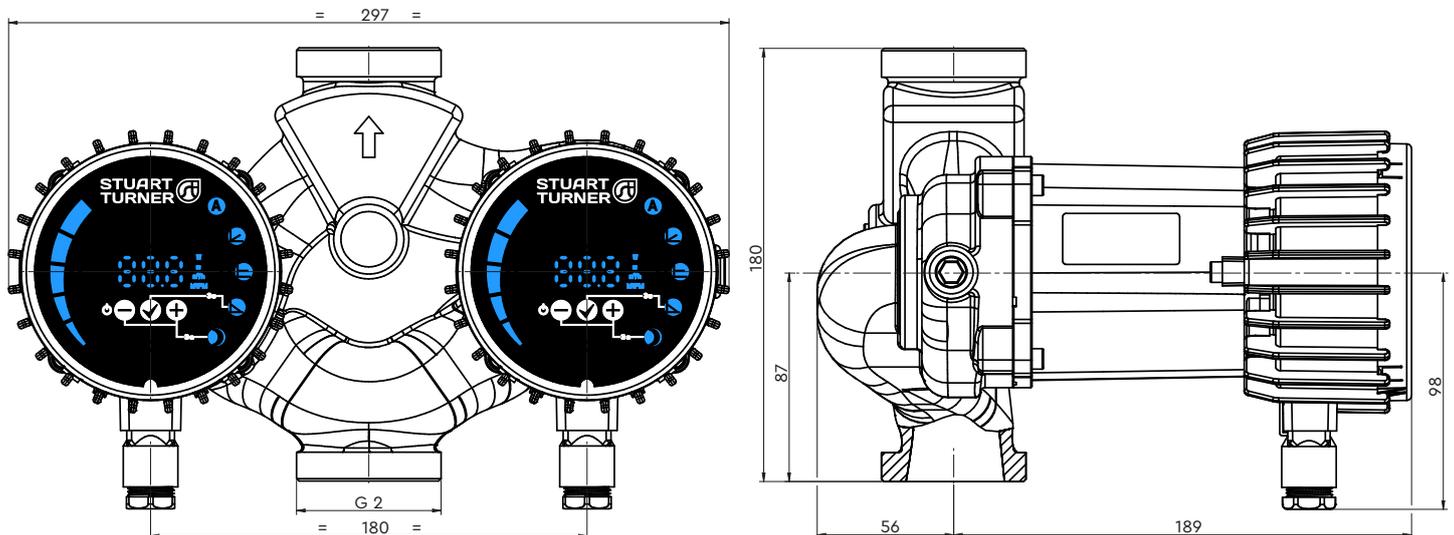
Applications

- Hot-water heating systems
- Air conditioning and ventilation systems

Performance



Model		D 32/40-180 47420	D 32/60-180 47421	D 32/80-180 47422	D 32/100-180 47423	D 32/120-180 47424
General	Warranty	2 years				
Features	Pump type	Centrifugal				
	Fitting length	180 mm				
	Speed settings	Variable				
Materials	Pump body	Cast iron				
	Impeller	Polyethersulfone				
	Bearings	Carbon-Graphite				
Performance	Maximum head (closed valve)	4.2 metres	6.2 metres	8.4 metres	10.5 metres	12.1 metres
	Maximum flow	8.6 m ³ /h	9.9 m ³ /h	12.3 m ³ /h	11.8 m ³ /h	10.8 m ³ /h
	Maximum working pressure	10 bar				
	Minimum inlet pressure	0.05 bar <75 °C (fluid temperature) 0.28 bar <90 °C (fluid temperature)				
	Min / Max water temperature	-10 °C to +110 °C				
	Max ambient air temperature	40 °C				
Connections	Inlet / outlet	G 2				
Motor	Type	Canned permanent magnet rotor				
	Duty rating	Continuous (S1)				
Electrical	Power supply / phase / frequency	230 V a.c. / 1 / 50 Hz				
	Power consumption	70 Watts (x2)	110 Watts (x2)	150 Watts (x2)	180 Watts (x2)	180 Watts (x2)
	Current (full load)	0.6 Amps (x2)	1 Amp (x2)	1.3 Amps (x2)	1.5 Amps (x2)	1.5 Amps (x2)
	Fuse rating	5 Amps				
	Insulation class	F				
	EI	0.19	0.21	0.21	0.20	0.20
Physical	Enclosure protection	IP44				
	Depth	245 mm				
	Width	297 mm				
	Height	180 mm				
	Weight	8.10Kg	8.10Kg	8.10 Kg	8.20 Kg	8.20 Kg



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

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