

2 DATA SHEET



www.hydron-pumps.com

COMPACT

- 4 METRE SELF PRIMING.
- 10 METRE PUMPING HEAD.
- SUITABLE FOR EQUIPMENT UP TO 20KW (5 TON).
- INTELLIGENT OVERLOAD PROTECTION.



A range of condensate pumps have been designed for use with all types of air conditioning equipment where the need of a cost effective trouble free mechanical removal of condensate water is required. These two models provide the most comprehensive range of condensate removal pumps currently available on the market. These pumps offer self priming heads up to 4 metres (12 feet), pumping heads up to 9 metres (27 feet) and flow rates up to 43 litres/hr (27 US gallons). The high performance of these two pumps makes them ideal for use on all types of Air Conditioning up to a cooling capacity of 60KW, 180,000 BTU's or 17 Tons.

Both models come with the SP10 remote sensor as standard, however if a in-pan or electronic sensor is required. We offer a choice of 3 models of in-pan sensor all suitable for both model.

Other standard features include, high level alarm contacts rated at 2A 230V AC to control the AC unit if the pump is unable to remove the condensate and **Intelligent Overload Protection** that prevents damage to the pump motor if the suction/discharge pipes are restricted or the pump has been mis-applied.

UNIVERSAL

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TECHNICAL SPECIFICATION		
	COMPACT	UNIVERSAL
ELECTRICAL		
110v version available on request		
Voltage	230v 50Hz (110v 60Hz)	230v 50Hz (110v 60Hz)
Power	30W (60 W)	120W (240W)
PERFORMANCE		
Pumping Head	9 M (29 ft)	20 M (65 ft)
Self Priming	4 M (13 ft)	4 M (13 ft)
Cooling Capacity	20KW (5 ton)	60KW (17 ton)
Noise Level	28-32 dBA	30-35 dBA
PHYSICAL		
Height	50mm	55mm
Length	145mm	185mm
Width	50mm	80mm

SENSORS



SH/ES

SH/SL

SH/FS

		PUMPING HEAD				COMPACT
		0m	5m	10m	15m	
PRIMING LIFT	1m	17 l/hr	14 l/hr	12 l/hr	11 l/hr	
	2m	16 l/hr	13 l/hr	11 l/hr	9 l/hr	
	3m	14 l/hr	12 l/hr	10 l/hr	8 l/hr	
	4m	10 l/hr	9 l/hr	7 l/hr	6 l/hr	
		HORIZONTAL RUN				
		40m	30m	10m	X	

		PUMPING HEAD				UNIVERSAL
		1m	3m	6m	9m	
PRIMING LIFT	1m	40 l/hr	35 l/hr	32 l/hr	28 l/hr	
	2m	36 l/hr	31 l/hr	28 l/hr	25 l/hr	
	3m	32 l/hr	28 l/hr	25 l/hr	22 l/hr	
	4m	24 l/hr	21 l/hr	20 l/hr	17 l/hr	
		HORIZONTAL RUN				
		70m	47m	15m	X	

SH/ES	
HEIGHT	50mm
WIDTH	55mm
DEPTH	30mm
SWITCH ON LEVEL	11mm
SWITCH OFF LEVEL	6mm
MINIMUM TRAY DEPTH	15mm

SH/SL	
HEIGHT	33mm
WIDTH	57mm
DEPTH	30mm
SWITCH ON LEVEL	7mm
SWITCH OFF LEVEL	4mm
MINIMUM TRAY DEPTH	10mm

SH/FS2	
HEIGHT	45mm
WIDTH	55mm
DEPTH	35mm
SWITCH ON LEVEL	25mm
SWITCH OFF LEVEL	22mm
MINIMUM TRAY DEPTH	30mm

SH/SP10	
HEIGHT	40mm
WIDTH	75mm
DEPTH	35mm
SWITCH ON LEVEL	25mm
SWITCH OFF LEVEL	22mm
MINIMUM TRAY DEPTH	N/A

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ELECTRONIC/FLOAT SENSOR PUMPS