

Commercial Plumbing and Fire Solutions Group

Feature: **Avalanche Shield- ASP80 Pressure Maintenance pump Package**

Email: sales@ecoheat.au; sales@cpfs.net.au

Address: 33-35 Edison Road, Dandenong South, VIC 3175

Site Address

33-35 Edison Road,
Dandenong South, VIC 3175

Postal Address

33-35 Edison Road,
Dandenong South, VIC 3175

Contact Details

P: 03 9791 7500
E: sale@cpfs.net.au

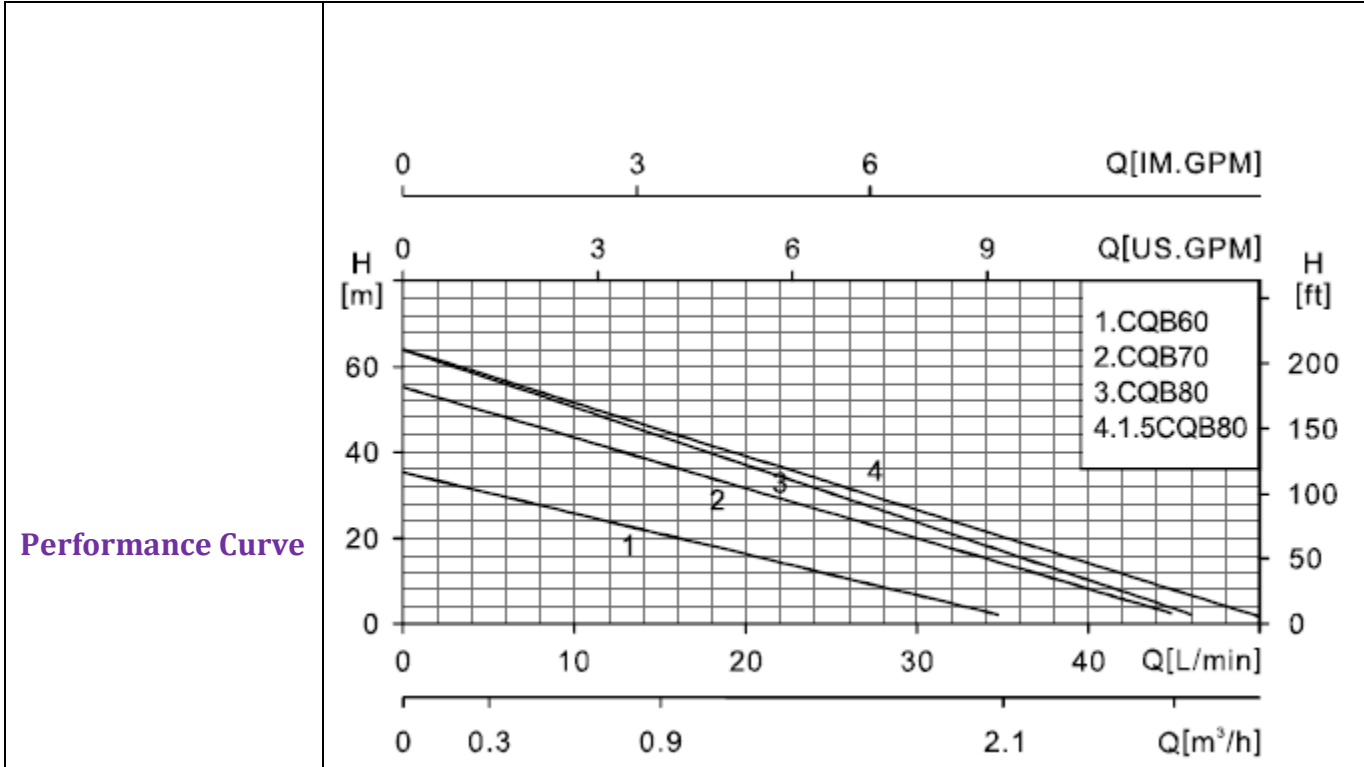


General Information	
Manufacturer	CPFS Group
Product Line / Brand	Pump Package/ Avalanche Shield
Country of Manufacture	Australia
Operating Manual	Provided with pump set
Application	
	<ul style="list-style-type: none"> • Building boosting Pressure • Air conditioning system • Cooling System
Pump Details	
Pump Model	Vortex
Pump Type	ASP80
Flow Rate (L/min) (max)	46
Head (kPa / m) (max)	65
Speed (rpm)	2900
Casing Material	Cast Iron
Impeller Material	Brass
Shaft Material	SS AISI 420
Motor Details	
Motor Power (kW)	0.75
Voltage (V)	240 V 50 HZ
Phase	Single
Full Load Current (A)	3.4
IP Rating	X4
Insulation Class	F
Thermal Protector	Yes
Base Plate / Skid Assembly	
Finish	Galvanizes
Mounting	Yes
Anti-Vibration Mounts	NA
Pump Fittings & Accessories	
Suction Isolation Valve	Stainer Provided (Brass)
Discharge Isolation Valve	Yes Lockable Brass Ball valve
Non-Return Valve	Yes- Brass
Flexible Connections	NA



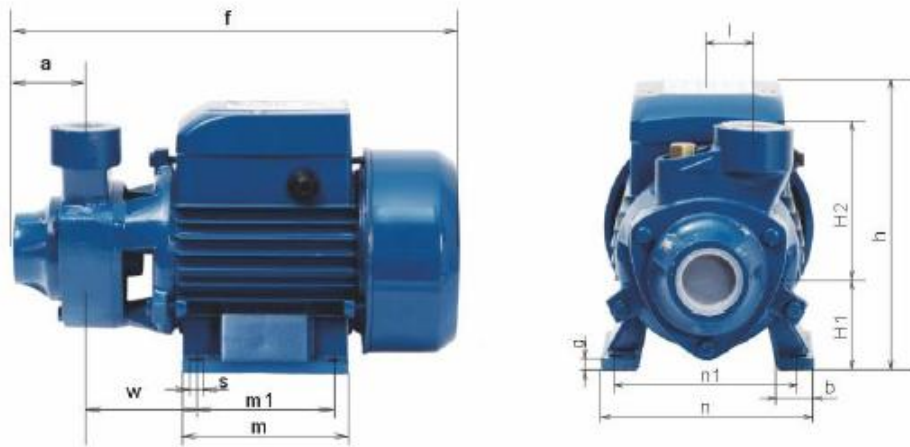
Pressure Gauge	NA- Can be installed upon request
Drain Valve	NA
Pressure Switch Assembly	
Model / Type	ADPS300 (until discontinued) or ASP5510 (see below)
Set Pressure (Cut-In)	
Set Pressure (Cut-Out)	
Application	Water- Gas (Noncorrosive)
Test Valve Loop Provided	NA
Isolation Valve for Testing	NA
Electrical & Control	
Control Method	NA
Pressure Switch Control	Yes
Thermal Overload Protection	Yes
Circuit Protection	By others
Testing & Compliance	
Hydrostatic Test	Yes
Functional Test	Yes
Applicable Standards	AS 2118.1 and AS 2419.1
Installation Requirements	
Installation by Licensed Personnel	Yes
Suction/Discharge Support	NA
Dry Run Protection	Not allowed- Not provided
Pressure Setting Verification	By others
Exclusions	
Electrical Wiring Beyond Pump	By others
BMS / FIP Connections	By others
Site Pipework	By others
Commissioning	By others





Pump Dimension

ASP80



Type	Dimensions (mm)													
	a	f	h	H1	H2	l	m	m1	n	n1	w	b	g	s
	42	265	154	63	80	20	98	80	120	100	63	22	8	7
	55	291	179	71	85	21	110	90	134	112	68	23	8	7
	55	291	179	71	85	16	110	90	134	112	68	23	8	7
	90	405	198	80	85	21	130	100	152	125	100	25	10	9



Pressure Switch
Options-1

ADPS-300



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**Pressure Switch
Option -2**

**Factory Tested for
30000 pump
start/stop –
Automatic action**

**Note-1: 1/4” male
connection. The
unit Includes,
wall mounting
bracket and top
bracket**

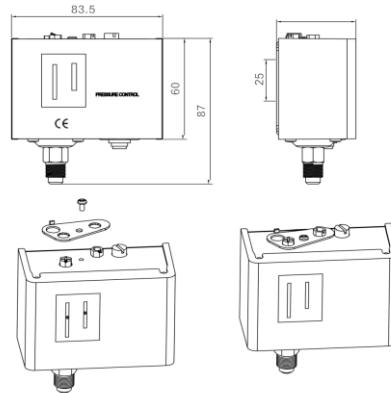
**Note-2: Press
Switch Warranty
is for part only
and labor not
included.**

AS-PS5514



Electrical Function

Rated Amps.(A)\Rated Voltage(V)	125VAC	250VAC	24VDC
Full Load	20A	10A	8A
Locked Rotor	72A	72A	64A
Temperature	-20~110°C		



Dimension in : mm
Contact Function
 Arrow means the direction of pressure increasing, M means hand reset

