STAND ALONE BOILER
USER GUIDE

PUMPS AUSTRALIA

BETTER BY DESIGN

1800 790 915

pumpsaustralia.com.au

Thank you for purchasing a quality Pumps Australia Stand Alone Boiler. We reserve the right to make changes at any time without incurring any obligation.

Owner/User Responsibility: The owner and/or user must have an understanding of the manufacturer's operating instructions and warnings before using this Stand Alone Boiler. Warning information should be emphasized and understood. If the operator is not fluent in English, the manufacturer's instructions and warnings shall be read to and discussed with the operator in the operator's native language by the purchaser/owner, making sure that the operator comprehends its contents.

Owner and/or user must study and maintain for future reference the manufacturers' instructions.

The operator must know how to stop the machine quickly and understand the operation of all controls. Never permit anyone to operate the engine without proper instructions.
This manual should be considered a permanent part of the machine and should remain with it if machine is resold. When ordering parts, please specify model and serial number. Use only identical replacement parts. This machine is to be used only by trained operators.

IMPORTANT SAFETY INFORMATION

WARNING: To reduce the risk of injury, read operating instructions carefully before using.

1. Read the owner's manual thoroughly. Failure to follow instructions could cause malfunction of the machine and result in death, serious bodily injury and/or property damage.

2. Know how to stop the machine and bleed pressure quickly. Be thoroughly familiar with the controls.

3. Stay alert — watch what you are doing.

4. All installations must comply with local codes. Contact your electrician, plumber, utility company or the selling distributor for specific details. If your machine is rated 250 volts or less, single phase will be provided with a ground fault circuit interrupter (GFCI). If rated more than 250 volts, or more than single phase this product should only be connected to a power supply receptacle protected by a GFCI

WARNING: Keep wand, hose, and water spray away from electric wiring or fatal electric shock may result.
5. To protect the operator from electrical shock, the machine must be electrically grounded. It is the responsibility of the owner to connect this machine to a UL grounded receptacle of proper voltage and amperage ratings. Do not spray water on or near electrical components. Do not touch machine with wet hands or while standing in water. Always disconnect power before servicing.

WARNING: Flammable liquids can create fumes which can ignite, causing property damage or severe injury.
WARNING: Risk of explosion — Operate only where open flame or torch is permitted.
6. In oil burning models, use only kerosene, No. 1 home heating fuel, or diesel. If diesel is used, add a soot remover to every tankful.

WARNING: Risk of fire — do not add fuel when the product is operating or still hot.
WARNING: Do not use gasoline crankcase draining or oil containing gasoline, solvents or alcohol. Doing so will result in fi re and/or explosion.
7. Oil burning appliances shall be installed only in locations where combustible dusts and flammable gases or vapours are not present. Do not store or use gasoline near this machine.

8. Do not allow acids, caustic or abrasive fluids to pass through the pump.
9. Never run pump dry or leave spray gun closed longer than 1-2 minutes.
10. Keep operating area clear of all persons.

WARNING: High pressure spray can cause paint chips or other particles to become airborne and fly at high speeds. To avoid personal injury, eye, hand and foot safety devices must be worn.
11. Eye, hand, and foot protection must be worn when using this equipment.

WARNING: This machine exceeds 85 dB appropriate ear protection must be worn.

WARNING: Hot discharge fluid. Do not touch or direct discharge stream at person(s)

WARNING: This machine produces hot water and must have insulated components attached to protect the operator.

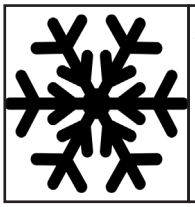
WARNING: Risk of injury. Hot surfaces can cause burns. Use only designated gripping areas of spray gun and wand. Do not place hands or feet on non-insulated areas of the pressure washer.

12. To reduce the risk of injury, close supervision is necessary when a machine is used near children. Do not allow children to operate the pressure washer. This machine must be attended during operation.

WARNING: Grip cleaning wand securely with both hands before starting. Failure to do this could result in injury from a whipping wand.

13. Never make adjustments on machine while in operation.
14. Be certain all quick coupler fittings are secured before using pressure washer

WARNING: High pressure developed by these machines will cause personal injury or equipment damage. Keep clear of nozzle. Use caution when operating. Do not direct discharge stream at people, or severe injury or death will result.



WARNING: Protect machine from freezing.

15. To keep machine in best operating conditions, it is important you protect machine from freezing. Failure to protect machine from freezing could cause malfunction of the machine and result in death, serious bodily injury, and/or property damage. Follow storage instructions specified in this manual.

WARNING: Risk of asphyxiation. Use this product only in a well ventilated area.

16. Avoid installing machines in small areas or near exhaust fans. Adequate oxygen is needed for combustion or dangerous carbon monoxide will result.

17. Manufacturer will not be liable for any changes made to our standard machines or any components not purchased from Pumps Australia Pty Ltd.
18. The best insurance against an accident is precaution and knowledge of the machine.

WARNING: Be extremely careful when using a ladder, scaffolding or any other relatively unstable location. The cleaning area should have adequate slopes and drainage to reduce the possibility of a fall due to slippery surfaces.

20. Do not overreach or stand on unstable support. Keep good footing and balance at all times.
21. Do not operate this machine when fatigued or under the influence of alcohol, prescription medications, or drugs.

OPERATION INSTRUCTIONS

Before Starting

WARNING: Check hoses, trigger guns, fittings, and fuel connections daily for signs of wear, cracks and looseness, and replace as required.

1. Read all manuals provided with this pressure washer. Become familiar with location and function of all operating and safety controls.
2. Connect High Pressure Water Hose to the Inlet of the SAB unit from your pressure washer.
3. Connect High Pressure Water Hose from the Outlet of the SAB unit to your gun.
4. Fill fuel tank. Use Diesel **DO NOT USE PETROL, CRANKCASE OIL RESIDUALS OR WASTE OIL / BIO DIESEL.**

IMPORTANT: If the pressure washer has not been used for an extended period of time, remove the nozzle from the end of the wand and turn on water supply. Allow water to run from the end of the wand until clear.

IMPORTANT: Trigger guns are equipped with a manual trigger lock to prevent accidental operation of the trigger gun. The trigger lock should be used whenever the trigger gun is not in use.

To Start

IMPORTANT: The water must be turned on before starting. Running the pump dry will cause damage to pump seals and void warranty.

IMPORTANT: DO NOT allow the machine to run in bypass for more than 5 minutes at any one time or damage to pump may occur.

1. Turn your Pressure Washer on.
2. Hold gun firmly, squeeze trigger of trigger gun and run your unit on cold water, to make sure everything is in working order.
3. Press the On/Off Button. (Ref. Fig 1)
4. Turn the Thermostate to select desired temperature. (Ref. Fig 2)

To Stop

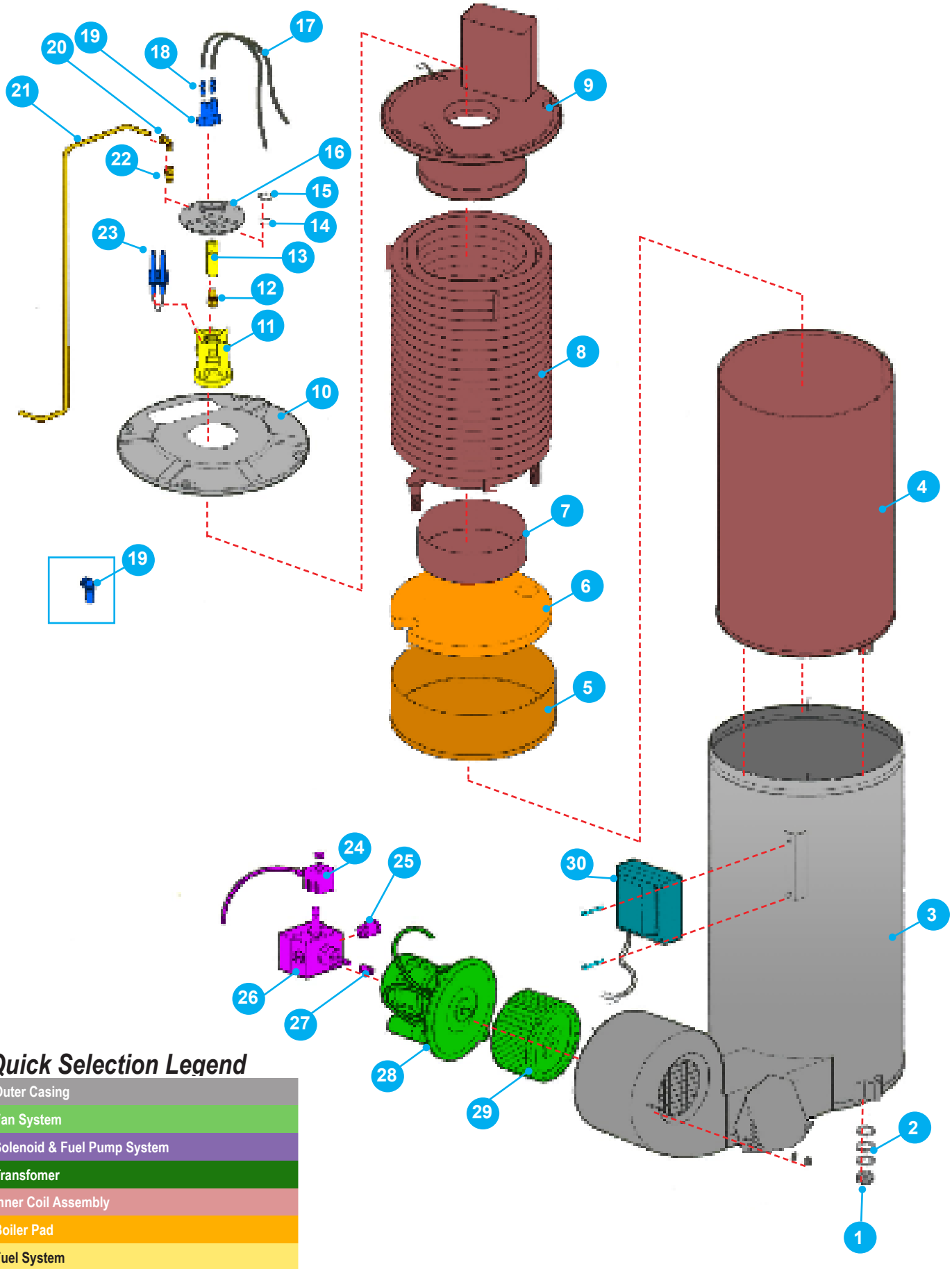
1. Turn the Thermostat to 0 (Ref. Fig 3)
2. Press the On/Off Buton to off (Ref. Fig 4)
3. Allow cold water to run through the boiler for 1-2 Minutes.
4. Turn OFF your pressure washer.
5. Squeeze trigger gun open to relieve system pressure.

Fig. 1 Press Button - Light Indicates On

Fig. 3 Adjust Thermostat to “0”

Fig. 2 Adjust Thermostate

Fig. 4 Press Button - No Light - Off



Quick Selection Legend

- Outer Casing
- Fan System
- Solenoid & Fuel Pump System
- Transfomer
- Inner Coil Assembly
- Boiler Pad
- Fuel System
- Electrical System

Please Note: *240VAC Option Shown, 12VDC will vary.*

Pos	Qty	Description
1	3	HEXAGONAL NUT M16
2	3	MEDIUM FLAT WASHER M16 ISO 7089
3	1	EXTERNAL BOILER COIL (STAINLESS STEEL OR BLACK STEEL)
4	1	INTERNAL BOILER COIL
5	1	COIL COVER
6	1	INSULATING DISK
7	1	FLAME CONTAINMENT RING
8	1	WATER BOILER COIL (10 TO 23 LITRES)
9	1	INTERNAL BOILER FLUTE
10	1	EXTERNAL BOILER COVER
11	1	FUEL SUPPORTING NOZZLE
12	1	ATOMISATION FUEL NOZZLE WITH FILTER
13	1	NOZZLE HOLDER
14	1	INSPECTION BOILER GLASS
15	1	CIRCLIP RING
16	1	BOILER MOUNTING PLATE
17	1	ELECTRODES CABLES 11,000 VOLTS (240VAC SYSTEM)
17A	1	ELECTRODES CABLES 22,000 VOLTS (12VDC SYSTEM)
19	1	DOUBLE ELECTRODE COVER
20	1	COPPER FUEL LINE ELBOW
21	1	COPPER FUEL SUPPLY LINE
22	1	COPPER FUEL LINE CONNECTOR
23	1	DUAL ELECTRODES
24	1	240VAC / 24VAC FUEL SOLENOID
24A	1	12VDC FUEL SOLENOID
25	1	FUEL SUPPLY LINE FITTING
26	1	DIESEL FUEL PUMP
27	1	FUEL PUMP ADAPTOR
28	1	240VAC BURNER MOTOR
28A	1	12VDC BURNER MOTOR
29	1	FAN BLADE (LEFT ROTATION)
29A	1	FAN BLADE (RIGHT ROTATION)
30	1	240VAC IGNITION TRASFORMER
30A	1	12VDC IGNITION TRANSFORMER

WE'RE MORE THAN JUST A PUMP COMPANY!

Pumps Australia is Australian owned and operated, and has been supplying and distributing high-quality and reliable products to the Australian and International market for over 20 years. We are industry leaders offering a huge range of Pumps & Pumping Equipment, Pressure Cleaning (Hot, Cold and Steam) Custom Design & Builds powered by Petrol, Diesel, Electric and Hydraulic Driven.

At Pumps Australia we pride ourselves on offering a wide range of durable, robust & reliable high-pressure cleaners, pumps and systems. All of our units are Australian made and fully assembled and tested at the Pumps Australia 4300m^2 facility.

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WE SERVICE & REPAIR

ALL MAKES AND MODELS IN OUR FULLY STOCKED WORKSHOP IN WA!

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