

12V ChemPower Dispenser OPERATION MANUAL

WITH DOSING DIAL

BEFORE USING THE 12V ChemPower Dispenser, READ, UNDERSTAND AND SAVE ALL SAFETY INFORMATION AND INSTRUCTIONS



SKU: 13CAG585
12V ChemPower 585 Dispenser
Dual Piston Plunger 3:1

Suits EF500R 585ml cartridge



SKU: 13CAG410
12v ChemPower 410 Dispenser
Co-axial Piston Plunger

Suits PF18 Fast Cure and
VF22Pro 410ml cartridges



THE WARRANTY IS NULL AND VOID IF THE TOOL HAS BEEN OPENED OR TAMPERED WITH BY ANYONE OTHER THAN THE DESIGNATED SERVICE REPAIR CENTER.

Note: Do not operate the ChemPower Dispenser until you have read and completely understand the safety and operations sections of this manual.

GENERAL SAFETY

GENERAL SAFETY RULES – FOR ALL BATTERY OPERATED TOOLS:

1. **WARNING! READ AND UNDERSTAND ALL INSTRUCTIONS.**

Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

SAVE THESE INSTRUCTIONS

2. **WORK AREA**

- 2.1 Keep your work area clean and well lit. Cluttered benches and dark areas invite accidents.
- 2.2 Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
- 2.3 Keep bystanders, children, and visitors away while operating a power tool. Distractions can cause you to lose control.

3. **ELECTRICAL SAFETY**

- 3.1 Do not abuse the cord. Never use the cord to carry the tool. Keep cord away from heat, oil, sharp edges, or moving parts. Replace damaged cords immediately. Damaged cords may create a fire. (Applies only to tools with a separable battery pack, meaning the battery pack is in a separate enclosure from the tool and connected to the tool by a cord.)
- 3.2 A battery operated tool with integral batteries or a separate Battery pack must be recharged only with the specified Charger for the Battery. A Charger that may be suitable for one type of Battery may create a risk of fire when used with another Battery.
- 3.3 Use Battery operated tool only with specifically designated Battery. Use of any other Batteries may create a risk of fire.

4. **PERSONAL SAFETY**

- 4.1  **WARNING** - This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- 4.2 Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use a power tool while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.
- 4.3 Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in

moving parts.

- 4.4 Avoid accidental starting. Be sure the Power Trigger is in the locked or off position before inserting the Battery. Carrying tools with your finger on the Power Trigger or inserting the Battery into a tool with the Power Trigger on invites accidents.
- 4.5 Remove any adjusting keys or wrenches before turning the tool on. A wrench or a key left attached to a rotating part of the tool may result in personal injury.
- 4.6 Do not overreach. Keep proper footing and balance at all times. Proper footing and balance enable better control of the tool in unexpected situations.
- 4.7 Use safety equipment. Always wear eye protection. Dust mask, non-skid safety shoes, hard hat, or hearing protection must be used for appropriate conditions.

5. **TOOL USE AND CARE**

- 5.1 Use clamps or other practical ways to secure and support the work piece to a stable platform. Holding the work by hand or against your body is unstable and may lead to loss of control.
- 5.2 Do not force tool. Use the correct tool for your application. The correct tool will do the job better and safer at the rate for which it was designed.
- 5.3 Do not use tool if the Power Trigger does not turn it on or off. A tool that cannot be controlled with the Power Trigger is dangerous and must be repaired.
- 5.4 Disconnect Battery from tool or place the Power Trigger in the locked or off position before making any adjustments, changing accessories, or storing the tool. Such preventative safety measures reduce the risk of starting the tool accidentally.
- 5.5 Store idle tools out of the reach of children and other untrained persons. Tools are dangerous in the hands of untrained users.
- 5.6 When Battery is not in use, keep it away from other metal objects like: paper clip, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another. Shorting the Battery terminals together may cause sparks, burns, or a fire.
- 5.7 Maintain tools with care. Keep cutting tools sharp and clean. Properly maintained tools with sharp cutting edge are less likely to bind and are easier to control.
- 5.8 Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation. If damaged, have the tool serviced before using. Many accidents are caused by poorly maintained tools.
- 5.9 Use only accessories that are recommended by the manufacturer for your model. Accessories that may be suitable for one tool may create a risk of injury when used for another tool.

6. **SERVICE**

- 6.1 Tool service must only be performed by qualified repair personnel. Service or maintenance performed by unqualified personnel may result in a risk of injury.
- 6.2 When servicing a tool, use only identical replacement parts. Follow instructions in the Maintenance section of this manual. Use of unauthorized parts or failure to follow Maintenance Instructions may create a risk of shock or injury.

SPECIFIC SAFETY RULES AND SYMBOLS

ADDITIONAL SAFETY RULES – FOR 12V ChemPower Dispenser

7. MATERIAL

- 7.1 Before using any material, be sure to read, understand, and follow the instructions of the manufacturer of that material. Read the MSDS (Material Safety Data Sheet) supplied by the manufacturer of the material and all writing on the material and the container thoroughly. Material may not dispense properly if it is not at the proper temperature. Material may pose a health hazard without adequate ventilation.
- 7.2 **⚠ DANGER!** Do not use to dispense any flammable or explosive material, any material that contains petroleum distillate(s), or any material that cannot be used safely near sparks or near electric motors. Do not use this tool, or any other power tool, if any phrases such as “Flammable”, “Explosive”, “Keep away from heat, spark, and flame”, “Keep away from heat, spark, open flames and any ignition source”, “Petroleum Distillate”, “Distillates (Petroleum)”, “Disconnect electric motors”, etc., appear. This product contains an electric motor. All electric motors generate sparks and may ignite vapors from materials.

8. CONDITION OF TOOL

- 8.1 Do not use damaged tools. Lockout or clearly mark “DO NOT USE” until repaired. Many accidents are caused by poorly maintained tools.
- 8.2 Do not alter or modify tool. Any alteration or modification is a misuse and may result in a dangerous condition.

9. MAINTENANCE

- 9.1 Do not disassemble tool or Battery. At conclusion of its useful life, remove Battery from tool. Without further disassembly, return Battery intact for recycling and/or discard tool intact. Disassembly and reassembly may create an unsafe condition.
- 9.2 Do not adjust internal components. This may cause an unsafe condition.
- 9.3 Use only mild soap for cleaning. Other cleaning agents such as gasoline, carbon tetrachloride, ammonia, etc., may damage plastic parts. Do not immerse dispenser, battery, or charger in any liquid, as this may cause damage and unsafe conditions.
- 9.4 Always unplug Charger before cleaning and when it is not in use. Failure to do so may result in shock or fire.

10. OPERATION

- 10.1 When operating the ChemPower Dispenser, use both hands. Use of both hands will help prevent dropping the tool which could cause damage to the tool or operator.
- 10.2 Do not place hand, finger, or other foreign objects in front of Pistons while Battery is attached. This could result in injury to operator.
- 10.3 Do not use any attachments. Use of attachments could cause personal injury or damage to tool.
- 10.4 Do not operate without Pistons attached. This will damage the cartridge and may be dangerous.
- 10.5 Use only with Batteries of rated voltage and same type. Higher

voltages may create an electrical hazard. Other Battery types may fall from tool, creating a risk of personal injury.

11. DEFINITION OF SYMBOLS WHICH MAY BE FOUND ON THE TOOL:



Danger, Warning



Keep Hands and Foreign Objects Clear

W
V
A

Watts

Volts

Amps



Direct Current



CE



cCSAus



WARNING - This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

FUNCTIONAL DESCRIPTION

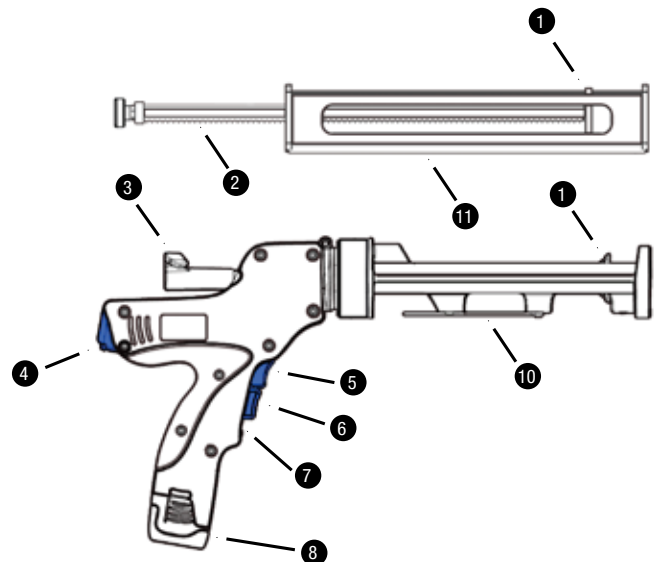


Figure 1

- | | |
|---|-----------------------------------|
| 1. Cartridge Piston | 6. Power Trigger |
| 2. Rack | 7. Power Trigger Lock |
| 3. Rack Handle | 8. Battery |
| 4. Dosing Dial (1 is shortest, 8 is longest, 9 is Continuous Run) | 10. 410 Co-axial Cartridge Holder |
| 5. Clutch Trigger | 11. 585 Dual Cartridge Holder 3:1 |

OPERATION

1. Remove and Install Battery Pack (See Figure 2):

To remove Battery, squeeze both release buttons and slide the Battery downward. To insert Battery, slide Battery fully into the base of the handle.



Figure 2

2. Insert cartridge – Hold the Clutch Trigger and pull back on the Rack Handle all the way see figure 3. Ensure the correct nozzle is screwed onto the chemical cartridge prior to insertion. Insert the chemical cartridge from the bottom first. Then hold the Clutch Trigger and using the Rack Handle push the piston forward into the cartridge manually.

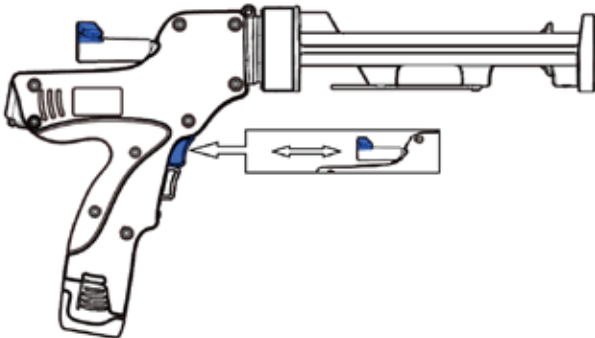


Figure 3

3. Dispense Material – Pull Power Trigger (figure1-No.6) to start the flow of adhesive, release the trigger to stop the flow of adhesive. The ChemPower Dispenser has a non-drip function this will back off the piston automatically. When material is completely dispensed press Clutch trigger and pull rack fully back. Remove cartridge. **Attention!! Dispense the first amount of chemical from nozzle and on each subsequent nozzle change as per (MII) installation instructions found on cartridge or TDS.**



WARNING – Keep all body parts and foreign objects outside of cartridge holder at all times. Fingers can be injured if caught between piston and cartridge holder.

4. Dose Setting – the ChemPower Dispenser is equipped with a dose feature controlled by the dial on the back of the tool see figure 4. This feature allows for consistent dispensing of material in multiple applications. The user can set the *desired amount of material required to be extruded into the hole for there selected stud anchor and embedment depth.

- When the dose dial is set between 1-8 depressing and holding the Power Trigger will cause the tool to run for the specified time then stop. The piston will automatically back off as part of the non-drip function.
- Release and depress the trigger again to extrude the next dose.
- To set the dose it is required to trial a number of holes of the same depth and diameter and adjust the dose dial to achieve the correct dose. See table below.
- **Dispense material continuously** – set the dose dial to 9, press and hold the Power Trigger.

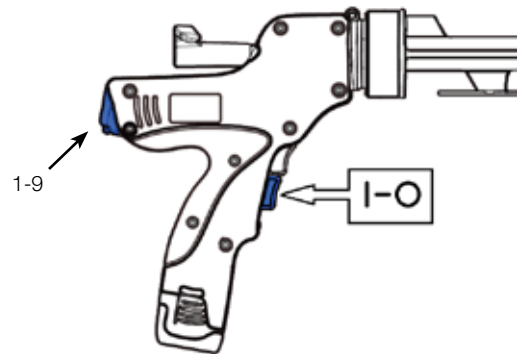


Figure 4

*Run times are as follows. These values are to be used as a guide only, the amount dispensed varies according to temperature and material

DOSE DIAL SETTINGS:		
Model:	585 Dual Piston	410 Co-axial
SKU:	13CAG585	13CAG410
No Load Speed:	6.43in/min	7.66 in/ min
Dose Setting:	Run Time [sec]	Run Time [sec]
1	3.4	1.2
2	4.4	1.5
3	5.4	3.25
4	6.5	4.5
5	7.4	5.5
6	8.4	6.5
7	9.5	7.5
8	10.6	8.8
9	Continuous	Continuous

NOTE – To minimize the chance of damage to the cartridge, the dispenser automatically adjusts its output force. You may experience a variation in motor speed associated with this function. If damage or blow by occur, adjust the speed control to a lower setting.

MAINTENANCE



WARNING – To reduce risk of injury, always unplug the Charger and remove the Battery from the Charger or the tool before performing any maintenance. Never disassemble the tool Battery or Charger. Contact an Allfasteners Service Centre for all repairs. The Battery must be removed from the tool before disposal. All batteries shall be disposed of safely in accordance with local laws and regulations.

1. Always unplug Charger before cleaning and when it is not in use.
2. Frequent maintenance can prolong the life and safety of the tool. Every year or as necessary (depending on usage of tool), return it to a service center shown in the service center section of this manual for:
 - Electrical and mechanical inspection
 - Cleaning and lubrication
 - Testing to ensure that the electrical and mechanical systems are in proper operation.
3. If the ChemPower Dispenser is not running at full capacity, check to be sure that the Battery is fully charged and that the contacts on the Battery and tool are both clean. If they require maintenance, use caution and clean with an eraser. If your tool is still not operating properly, return all parts including tool, Battery and Charger to a service center shown in the Service Center section of this manual for repair. ***Service or maintenance performed by unqualified personnel could result in injury or damage.***
4. Keep handles clean, dry and free of oil or grease. Clean with mild soap and damp cloth. Do not use solvents or cleaning agents that can damage tool.
5. Follow cleaning and maintenance instructions in Battery and Charger manual.
6. Apply light coating of light machine oil to lubricate Rack as needed.
7. For internal lubrication and for all other maintenance/repairs, expect external cleaning and Battery recharging, return to qualified Service Center, distributor, or manufacturer.
8. Recycle used Batteries. Comply with all disposal regulations and laws.

ACCESSORIES

These accessories are recommended for use with the ChemPower Dispenser:

BATTERY:

- 12 Volt Lithium-Ion Battery 1P 1.4A-h (Part number 1010-012)

CHARGER:

- 120 Volt AC Charger North America and Japan (Part number 1020-028-US) 220 Volt AC Charger for European Union (Part number 1020-028-EU)
- 220 Volt AC Charger for United Kingdom (Part number 1020-028-UK) 220 Volt AC Charger for Australia (Part number 1020-028-AU)

SERVICE CENTRE

ALLFASTENERS SERVICE CENTER

78-84 Logistics Street, Keilor Park, VICTORIA 3042 Australia

PO Box 1025 Tullamarine VIC 3043

Customer Service 1800 255 349

Direct +61 3 9330 0555

Monday – Friday 7:00am to 5:00pm (AEST)

sales@allfasteners.com.au

www.allfasteners.com.au

WARRANTY

THE WARRANTY IS NULL AND VOID IF THE TOOL HAS BEEN OPENED OR TAMPERED WITH BY ANYONE OTHER THAN THE DESIGNATED SERVICE CENTER.

The warranty covers the cost of parts for repairing defects in workmanship and materials. All repairs will be completed at the Allfasteners Service Center. The purchaser is responsible for shipping costs to the Allfasteners Service Center. The warranty is valid for up to one year from the date of purchase.