Submersible Multi-Use Pump

Please read and save these instructions. Read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage! Retain instructions for future reference.

OPERATING INSTRUCTIONS AND PARTS MANUAL — Submersible Multi-Use Pump

For the full Operating Instructions and Parts Manual please visit www.waynepumps.com/chpumps/. If you have limited or no access to the internet, please call Customer Service at 800-237-0987 to receive a hard copy of the complete manual.

UNPACKING

Inspect this unit before it is used. Occasionally, products are damaged during shipment. If the pump or components are damaged, return the unit to the place of purchase for replacement, or call Customer Support (800-237-0987).

SAFETY SIGNAL WORDS

This manual contains information that is very important to know and understand. This information is provided for SAFETY and to PREVENT EQUIPMENT PROBLEMS. To help recognize this information, observe the following symbols.

⚠ DANGER ***Danger indicates an imminently hazardous situation which, if NOT avoided, WILL result in death or serious injury.***

⚠ DANGER ***La mention Danger indique une situation dangereuse imminente qui, si elle n'est pas évitée, ENTRAÎNE la mort ou des blessures graves.***

⚠ WARNING ***Warning indicates a potentially hazardous situation which, if NOT avoided, COULD result in death or serious injury.***

⚠ AVERTISSEMENT ***La mention avertissement indique une situation potentiellement dangereuse qui, si elle n'est pas évitée, risque d'entraîner des lésions corporelles graves ou même la mort.***

⚠ CAUTION ***Caution indicates a potentially hazardous situation which, if NOT avoided, MAY result in minor or moderate injury.***

⚠ *MISE EN GARDE* ***La mention mise en garde indique une situation potentiellement dangereuse qui, si elle n'est pas évitée, pourrait entraîner des blessures mineures ou modérées.***

NOTICE ***Notice indicates important information, that if NOT followed, MAY cause damage to equipment.***

This is the safety alert symbol. It is used to alert you to potential bodily injury hazards. Obey all safety messages that follow this symbol to avoid possible harm.

NOTE: Information that requires special attention

⚠ DANGER ***If using pump to drain a vessel of water make sure the pump is not used while people are in, or in-contact with the water.***

⚠ DANGER ***Lors de l'utilisation de la pompe pour vider un réservoir d'eau, s'assurer que personne ne se trouve dans ou en contact avec l'eau.***

⚠ DANGER ***Do NOT pump flammable or explosive fluids such as gasoline, fuel oil, kerosene, solvent, thinners, etc. DO NOT use in a flammable and/or explosive atmosphere. ONLY pump clear water. Improper use could result in death or serious injury, and will void warranty.***

⚠ DANGER ***NE PAS pomper de liquides inflammables ou explosifs tels que de l'essence, du mazout, du kérosène, des solvants, des diluants, etc. NE PAS utiliser dans un environnement inflammable et/ou explosive. Pomper UNIQUEMENT de l'eau claire. Une utilisation incorrect peut pepeut entraîner la mort ou.***

⚠ DANGER ***Electric shock hazard! GFCI receptacles will provide protection against line to ground faults only. The ground fault receptacle does NOT limit the magnitude of fault current and will NOT prevent electrical shock.***

⚠ DANGER ***Risque de choc électrique! Le disjoncteur de fuite à la terre fournira une protection uniquement contre les défauts entre les lignes et les fuites à la terre. Le boîtier du disjoncteur de fuite à la terre ne limite PAS l'amplitude du courant de défaut et n'empêchera PAS les chocs électriques.***

⚠ DANGER ***This pump must be plugged into a properly installed, and grounded GFCI outlet in accordance with all applicable codes and ordinances. Never remove the grounding prong or modify the plug in any way. Do not use any adapter plugs. Check with a qualified electrician if you are not sure the outlet is grounded. If the pump should electrically malfunction or break down, grounding provides a low resistance path to carry electricity away from the user.***

⚠ DANGER ***Cette pompe doit être branchée dans une prise correctement installée et une prise équipée d'un disjoncteur de fuite à la terre, conformément à tous les codes et règlements applicables. Ne jamais retirer la broche de mise à la terre et ne modifier, en aucun cas, la fiche. Ne pas utiliser de prises d'adaptateur. Vérifier avec un électricien qualifié que la prise est bien mise à la terre. Si la pompe présente un dysfonctionnement électrique ou une panne, la mise à la terre fournit un chemin de faible résistance pour éloigner l'électricité de l'utilisateur.***

⚠ DANGER ***Before each use inspect pump, power cord and plug for damage. If damage is present DO NOT USE pump.***

⚠ DANGER ***Avant chaque utilisation, vérifier que la pompe, le cordon d'alimentation et la prise ne sont pas endommagés. Si des dommages sont présents, NE PAS UTILISER la pompe.***

⚠ DANGER ***Electrical wiring must be performed by a qualified electrician. Improper wiring could result in fatal shock.***

⚠ DANGER ***Le câblage électrique doit être réalisé par un électricien qualifié. Un câblage incorrect peut entraîner un choc mortel.***

⚠ DANGER ***Do not abuse cord. Never use the cord to carry or suspend the pump or pull the plug from an outlet. Keep cord away from heat, oil, sharp edges, or moving parts. Do not bury cord. Visually locate cord to prevent damage. Damaged cords increase the risk of electrical shock and will void warranty.***

⚠ DANGER ***Prendre soin du cordon. Ne jamais utiliser le cordon pour transporter la pompe ou tirer la fiche d'une prise de courant. Éloigner le cordon de la chaleur, de l'huile, des arêtes vives ou des pièces mobiles. Les cordons endommagés augmentent le risque de choc électrique et annuleront la garantie.***

⚠ DANGER ***If there is water or moisture on the floor, do not walk on wet area until all power is turned off. If the shut-off box is in the basement, call an electrician. Failure to follow this warning could result in fatal electrical shock.***

⚠ DANGER ***Si le sous-sol a de l'eau ou de l'humidité sur le plancher, ne pas marcher aux endroits mouillés avant que le courant ne soit coupé. Si le boîtier de coupure de courant se trouve au sous-sol, appeler un électricien. Le non-respect de cet avertissement peut entraîner un choc électrique morte.***

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⚠ DANGER *Risk of electric shock! This pump has NOT been tested for use in swimming pool or marine areas. NEVER place pump in pools while people are in the water.*

⚠ DANGER *Risque de choc électrique! Cette pompe N'a PAS été testée pour une utilisation dans une piscine ou dans des aire marines. NE JAMAIS placer la pompe dans les piscines pendant que les gens sont dans l'eau.*

⚠ DANGER *Do NOT handle a pump or pump motor with wet hands or when standing on wet or damp surface or in water when pump is connected to power source.*

⚠ DANGER *NE PAS manipuler une pompe our un moteur de pompe avec des mains mouilée ou humide ou dans l'eau lorsque la pompe est connectée a une source d'alimentation.*

⚠ DANGER *Do NOT use pump if ANY part is cracked, broken, or missing.*

⚠ DANGER *NE PAS utiliser la pompe si une partie quelconque du commutateur de boitier ou de la sonde de capteur est fissurée, brisée our manquante.*

⚠ DANGER *Always disconnect electric supply before attempting to install, service, relocate, or perform any maintenance. Failure to do so could result in fatal electrical shock.*

⚠ DANGER *Toujours couper le courant avant d'essayer d'installer, de déplacer toute opération de maintenance. Le non-respect de ces instructions pourrait entrainer un choc électrique mortel.*

⚠ DANGER *Inspect extension cords for damage before use. Plug into a GFCI outlet. Do not use extension cord for permanent installation. Do not bury cord. Visually locate cord to prevent damage. Keep plug connection protected from contact with water or snow. Plug connection must be kept dry and away from moisture. Do not handle plug connector near water. Failure to follow these instructions will result in death or serious injury.*

⚠ DANGER *Inspectez les rallonges avant de les utiliser. Branchez-le sur une prise GFCI. N'utilisez pas de rallonge pour une installation permanente. Gardez la connexion de la prise protégée du contact avec l'eau ou la neige. La connexion des fiches doit être maintenue sèche et à l'abri de l'humidité. Ne pas manipuler le connecteur à proximité de l'eau. Le non-respect de ces instructions entraînera la mort ou des blessures graves.*

⚠ WARNING

This product can expose you to chemicals, including DEHP, which is known to the State of California to cause cancer, birth defects and reproductive harm. For more information, go to www.P65Warnings.ca.gov.

⚠ AVERTISSEMENT

Ce produit peutvous exposer à des produits chimiques, notamment du DOP, reconnus par l'État de Californie comme étant cancérigènes et à l'origine d'anomalies congénitales et de problèmes de l'appareil reproductif. Pour plus de renseignements, visiter le site www.P65Warnings.ca.gov.

⚠ WARNING *Stay alert, watch what you are doing, and use common sense when using this pump. DO not attempt to use this pump while tired or under the influence of drugs, alcohol or medications. A moment of inattention may result in serious personal injury.*

⚠ AVERTISSEMENT *Lors de l'utilisation de la pompe il faut rester vigilant, être concentré sur ce qu'on fait et faire preuve de bon sens. Ne pas essayer d'utiliser cette pompe en cas de fatigue ou sous l'influence de drogues, d'alcool ou de médicaments. Un moment d'inattention peut entraîner des blessures graves.*

⚠ WARNING *Dress properly. Do not wear loose clothing or jewelry. Pull back long hair. Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts.*

⚠ AVERTISSEMENT *S'habiller correctement. Ne pas porter de vêtements amples ou de bijoux. Attacher les cheveux longs. Garder les cheveux, les vêtements et les gants éloignés des pièces mobiles. Les vêtements amples, les bijoux ou les cheveux longs peuvent se prendre dans les pièces mobiles.*

⚠ WARNING *Do not overreach. keep proper footing and balance at all times. Proper footing and balance enables better control in unexpected situations.*

⚠ AVERTISSEMENT *Ne pas trop se pencher. Maintenir, à tout moment, une bonne assise et un bon équilibre permet de garder un meilleur contrôle dans des situations imprévues.*

⚠ WARNING *Use safety equipment. Always wear eye protection. Dust mask, non-skid safety shoes and hard hat must be used for appropriate conditions.*

⚠ AVERTISSEMENT *Utiliser un équipement de sécurité. Toujours porter des lunettes de protection. Un masque anti-poussière, des chaussures de sécurité antidérapantes et un casque doivent être utilisés selon les conditions appropriées.*

⚠ WARNING *If using pump to drain a vessel containing heated water, allow time for water time to cool to ambient temperature before pumping the water. Failure to do so may cause pump failure or property damage and will void warranty.*

⚠ AVERTISSEMENT *Lors de l'utilisation d'une pompe pour vider un réservoir contenant de l'eau chaude, laisser l'eau refroidir jusqu'à température ambiante avant de la pomper. Ne pas le faire peut entraîner une panne de la pompe ou des dégâts matériels et annulera la garantie.*

⚠ WARNING *Never cut off grounding prong or use an adapter, this will void warranty.*

⚠ AVERTISSEMENT *Ne jamais débrancher la broche de mise a la terre ou utiliser un adaptateur, cel annulera la garantie.*

⚠ WARNING *Secure the discharge line before starting the pump. Pump could restart automatically. An unsecured discharge line MAY whip. Personal injury and/or property damage COULD result.*

⚠ AVERTISSEMENT *Fixer la conduite de décharge avant le démarrage de la pompe. Toute conduite de décharge non fixée pourrait donner fouetter. Des blessures corporelles et/ou des dégats matériels pourraient en résulter.*

⚠ WARNING *When servicing this pump, only identical Campbell Hausfeld replacement parts should be used. Failure to follow these steps may create risk of flooding, property damage, fatal electrical shock, or other serious injury.*

⚠ AVERTISSEMENT *Lors de l'entretien de cette pompe, seules des piéces de rechange originales de Campbell Hausfeld doivent éure utilisées. Le non-respect de ces étapes peut entrainer un risque d'inondation, de dégats matériels, de choc électrique mortel ou d'autres blessures graves.*

⚠ WARNING *This unit is NOT designed for use as a sump pump or in sump applications, this will void warranty. This unit is NOT designed for use in septic tanks or underground vaults to pump raw sewage or effluents. NEVER use in hazardous or explosive locations.*

⚠ AVERTISSEMENT *Cette unité n'est PAS concue pour être utilisée comme pompe de puisard ou dans applications de puisard, cela annulera la garantie. Cette unité n'est PAS concue pour être utilisée dans des fosses septiques ou des enceintes souterraines pour pomper les eaux usées ou les effluents. Ne JAMAIS utiliser dans des environements dangereux ou explosifs.*

⚠ WARNING ***To reduce the risk of electric shock, install only on a circuit protected by a Ground-Fault-Circuit-Interrupter (GFCI).***

⚠ AVERTISSEMENT ***Pour réduire le risque de choc électrique, installez-le uniquement sur un circuit protégé par un disjoncteur de fuite à la terre (GFCI).***

⚠ CAUTION ***Most electric product-related incidents are caused by failure to observe basic safety rules or precautions. Campbell Hausfeld is NOT responsible for any bodily injury or property damage that may result from operation outside of the normal operating conditions.***

⚠ *MISE EN GARDE* ***La plupart de incidents liès aux matèriels électrique sont causés par le non-respect des règles de sècuritè our des prècautions de base. Campbell Hausfeld N'EST PAS responsable des blessures corporelles ou des dègats matèriels qui pourraient rèsulter d'une utilisation autre que les conditions d'utilisation normales.***

⚠ CAUTION ***This pump has been evaluated for use with water only.***

⚠ *MISE EN GARDE* ***Cette pompe a été évaluée pour une utilisation avec de l'eau uniquement.***

NOTICE ***This pump is not designed to handle salt water, brine, laundry discharge, or any other application which may contain caustic chemicals, highly chlorinated water, and/or foreign materials. This pump is not suitable for use with aquatic life. Pump damage or failure could occur if used in these applications and will void warranty.***

NOTICE ***When routing the electrical cord protect cord from sharp objects, hot surfaces, oils, and chemicals. Do not kink cord, do not use with damaged cord.***

NOTICE ***Do not allow pump to run dry. The shaft seal depends on water for lubrication. Operating the pump without water will damage the shaft seal and cause pump failure.***

NOTICE ***When the water level is approaching the minimum pumping limit, the water removal rate may slow, and the pump may become noisy. This is due to air being drawn into the pump in addition to water. During this time the pump may still remove water. Once water has stopped coming out of the hose unplug pump to avoid running dry.***

NOTICE ***Service work on this pump must be performed by a qualified repair personnel. ONLY use identical Campbell Hausfeld replacement parts.***

NOTICE ***Do not suspend pump by discharge pipe. Do not place pump directly on clay, gravel, leaves or any loose or sandy surfaces. These surfaces contain small stones, sand, or debris that may clog or damage the pump. This could result in pump failure causing flooding and property damage.***

NOTE: Acceptable for Indoor and Outdoor Use

NOTICE ***Use an outdoor rated extension cord of the appropriate gauge when necessary. Confirm the current (Amp) rating of the pump and the length of the extension cord needed.***

Current (Amps) rating at 120V	Length of Cord (Feet)		
	up to 25	up to 50	up to 100
up to 4	18 gauge	18 gauge	16 gauge
up to 6	18 gauge	16 gauge	14 gauge
up to 10	16 gauge	14 gauge	12 gauge

AUTO UTILITY PUMPS ONLY

NOTICE ***Do NOT alter the pump to override the automatic water detector. The shaft seal depends on water for lubrication. Overriding this pump feature can cause the pump to run dry and may damage the shaft seal and cause pump failure and void warranty.***

NOTICE ***In small areas a check valve is required to prevent backflow. Without a check valve the pump may cycle continuously and potentially wear out the pump components.***

DESCRIPTION

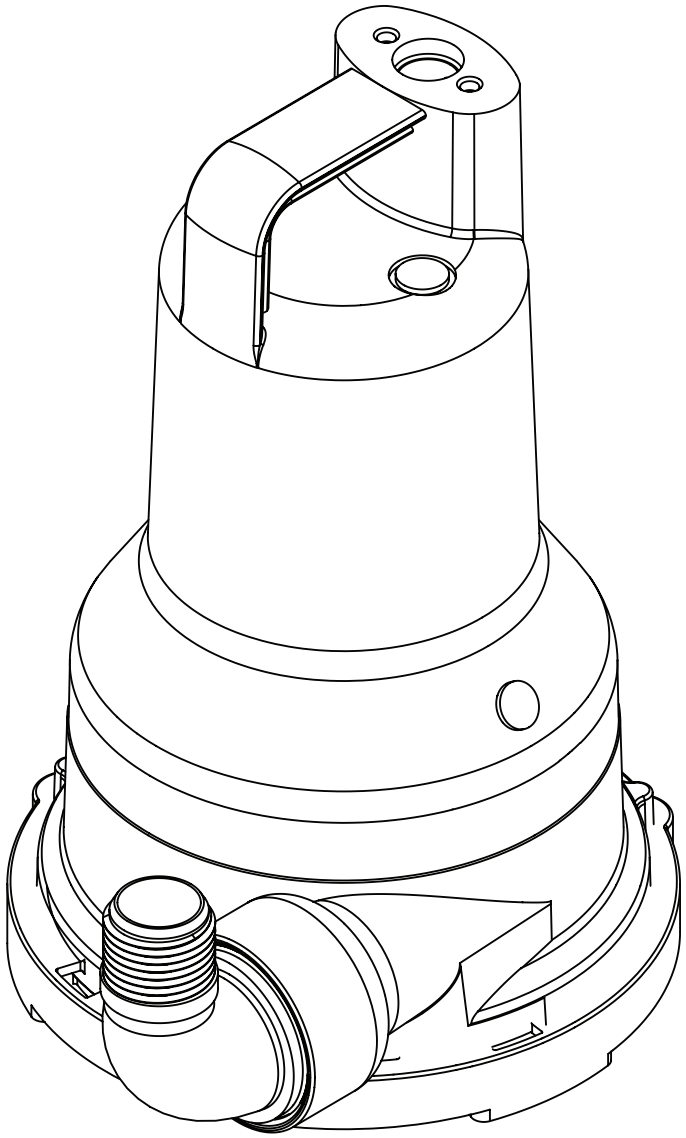
This portable, submersible multi-use pump is designed and intended for non-automatic use in water. The units are equipped with an 8 ft. 3-prong grounding-type power cord. The motor is oil filled and sealed for cooler running and designed to operate under water. The non-clogging impeller design minimizes debris from stopping the pump. The elbow fitting allows convenient discharge through a garden hose.

SPECIFICATIONS	
POWER SUPPLY REQUIREMENTS	120 V, 60 Hz
MOTOR	Single Phase
HORSEPOWER	1/5 HP.....**(15CHV)**
CIRCUIT REQUIREMENT	15 A (minimum)

CONSTRUCTION	
MOTOR HOUSING	Thermoplastic
MOTOR SHAFT	Stainless Steel
IMPELLER	Thermoplastic
VOLUTE	Thermoplastic
PUMP DISCHARGE	1-1/4 in. NPT or 3/4 in. Hose Threads

PERFORMANCE

Model	HP	Discharge Head	0 ft.	5 ft.	10 ft.	15 ft.	20 ft.
15CHV	1/5	Gal/hr	2050	1740	1350	880	-



OPERATION

1. Thread discharge outlet into pump body carefully to avoid stripping or cross threading.
2. To install garden hose, install the elbow adapter provided with the pump. The elbow adapter uses an o-ring seal to provide better water removal. Rotate the elbow adapter until the o-ring seals against the pump body and the discharge is in the desired direction. Thread garden hose onto the elbow fitting.

Note: The garden hose must be 3/4 in. or larger to keep friction as low as possible. A 1-1/4 in. sump discharge hose adapter can be connected directly to the pump body using plumber's seal tape.

3. Run discharge pipe/hose away from the pump.

Note: For best pump performance, unwind the hose before starting the pump. This will help remove any kinks or binds in the hose and allow the unit to pump with less restriction.

4. With pump unplugged set the pump where water will collect. Do no set the pump directly on mud, sand surfaces or in leaves. For best results make sure the strainer base is making full contact with a clean area. This will allow the strainer to properly filder debris and help prevent clogging of the pump. If necessary, clear an area before placing the pump.
5. The water level must be at least 2-5/8 inches for the pump to prime, and operate. Water levels less than 2-5/8 inches will not allow the pump to prime, therefore no water will be moved.
6. Plug the pump into a properly grounded 120 volt GFCI protected outlet.

MAINTENANCE

Note: Minimal service is required for this pump. The motor housing of the pump is completely sealed and requires no internal service or lubrication.

1. Keep pump inlet clean and free of all foreign objects. Inspect inlet at beginning of each use.

TROUBLESHOOTING CHART

Symptoms	*Possible Cause(s)*	*Suggested Remedies*
Pump will not start or run	1. Blown fuse or tripped circuit breaker	1. If blown, replace with proper sized fuse or reset breaker
	2. Low supply voltage	2. Contact an electrician
	3. Defective motor	3. Replace pump
	4. Impeller obstructed	4. If impeller will not turn, remove base and remove debris
	5. Not properly primed	5. Reposition pump in at least 2-5/8 in. of water to properly operate
Pump shuts off and turns on independently of switch (trips thermal overload protection)	1. Excessive water temperature	1. Pump should not be used in water above 120°
	2. Pump has run dry or insufficient fluid level for pump to prime	2. Reposition pump in adequate water (pump uses water for cooling)
	3. Low supply voltage	3. Contact an electrician
Pump operates noisily or vibrates excessively	1. Worn bearings	1. Replace pump
	2. Impeller obstructed	2. Remove base, and clean impeller
Pump operates but delivers little or no water	1. Low supply voltage	1. Contact an electrician
	2. Impeller obstructed	2. Clean and check for tightness
	3. Worn or defective pump parts or plugged impeller	3. Clean part if required, or replace pump
	4. Pump not properly sized for application	4. Recheck all sizing calculations to determine proper pump size
	5. Air trapped in volute	5. Start and stop unit until air is not present in discharge 5a. Tilt pump on its side underwater and allow air to escape from inlet

LIMITED WARRANTY

For one year for the 15CHV model from the date of purchase, from an authorized dealer, Campbell Hausfeld will repair or replace, at its option for the original purchaser, any part or parts of its Multi-Use Pumps or Water Pumps ("Product") found upon examination by Campbell Hausfeld to be defective in materials or workmanship. Please call Campbell Hausfeld (800-237-0987) for warranty instructions. Be prepared to provide the model number and the serial number when exercising this warranty. All transportation charges on Products or parts submitted for repair or replacement must be paid by purchaser.

This Limited Warranty does not cover Products which have been damaged as a result of accident, abuse, misuse, neglect, improper installation, improper maintenance, or failure to operate in accordance with Campbell Hausfeld' written instructions.

THIS WARRANTY IS IN LIEU OF ANY AND ALL OTHER WARRANTIES, OBLIGATIONS OR AGREEMENTS, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, AND ANY RIGHTS OR REMEDIES AGAINST ANY PERSON OR ENTITY UNDER THE UNIFORM COMMERCIAL CODE OR OTHERWISE WITH RESPECT TO THE SALE OF THE PRODUCT. THE REMEDIES AND OBLIGATIONS STATED IN THIS WARRANTY ARE THE SOLE AND EXCLUSIVE REMEDIES OF AND OBLIGATIONS TO THE OWNER FOR ANY AND ALL MATTERS ARISING WITH RESPECT TO OR IN ANY WAY CONNECTED WITH THE PRODUCT, REGARDLESS OF THE SOURCE OR PROVIDER OF SUCH GOODS. IN NO EVENT, WHETHER AS A RESULT OF BREACH OF CONTRACT, WARRANTY TORT (INCLUDING NEGLIGENCE) OR OTHERWISE, SHALL CAMPBELL HAUSFELD OR ANY AFFILIATE BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

You *MUST* retain your purchase receipt along with this form. In the event you need to exercise a warranty claim, you *MUST* send a *copy* of the purchase receipt along with the material or correspondence. Please call Campbell Hausfeld (800-237-0987) for return authorization and instructions.

DO NOT MAIL THIS FORM TO Campbell Hausfeld. **Use this form only to maintain your records.**

MODEL NO._____ SERIAL NO._____ INSTALLATION DATE _____

ATTACH YOUR RECEIPT HERE