
USER MANUAL

**MODEL NUMBER:
CTX2V-EZB**

EZBlend™ Chemical Transfer Unit

English (Original Instructions)

READ ALL INSTRUCTIONS BEFORE OPERATING EQUIPMENT**Read this manual completely and understand the machine before operating or servicing it.**

- Read all instructions before installing or operating unit.
- Always wear appropriate personal protective equipment (PPE) when operating or servicing unit.
- Always follow all chemical safety precautions and handling instructions provided by the chemical manufacturer and Safety Data Sheet (SDS).
- If this unit is modified or serviced with parts not listed in this manual, the unit may not operate correctly.
- Never point the discharge hose at yourself, another person, or any object you do not want covered in chemical.
- Do not exceed an incoming air pressure of 100 psi (7 bar).
- Do not exceed a fluid temperature of 100°F (37°C).
- Never use unit with hydrocarbons or flammable products.
- Only use clean and dry air. Air must be filtered and free of moisture or pump life will be diminished. If needed, install a water separator (WS-20CFM) before the unit.
- Do not use an air lubricator before the unit.
- Unit must be depressurized when not in use and before disassembling unit or performing maintenance.

PROTECT THE ENVIRONMENT

Please dispose of packaging materials, old machine components, and hazardous fluids in an environmentally safe way according to local waste disposal regulations.



Always remember to recycle.

*Specifications and parts are subject to change without notice.

SPECIAL INSTRUCTIONS

This chemical dispensing unit is specifically configured for transferring Sterilex products. Acceptable products listed below.

ALWAYS AFFIX STERILEX CHEMICAL JUG TAGS TO EACH JUG. CONTACT YOUR STERILEX PRODUCT CHEMICAL VENDOR FOR JUG TAGS.

Sterilex "Solution 1/ Disinfectant" Products	Sterilex "Solution 2/ Activator" Products
Sterilex® Ultra Disinfectant Cleaner Solution 1 (US)	Sterilex® Ultra Activator Solution (US)
Sterilex® Ultra CIP (US)	Ultra Soft Metal Activator (US)
Sterilex® Ultra-Kleen Solution: Solution 1 (Canada)	Sterilex® Ultra-Kleen Solution: Solution 2 (Canada)
Sterilex® Ultra Soft Metal Disinfectant Cleaner (Canada)	Sterilex® Ultra Soft Metal Activator (Canada)

REQUIREMENTS

Compressed air requirements	20-80 psi (1.4-5 bar) with 2 cfm (56.6 l/min)
Liquid temperature range	40-100°F (4.4-37°C)
Chemical compatibility	This unit is specifically configured for use with Sterilex liquid products.

SPECIFICATIONS

Power type	Compressed air
Chemical pickup type	Draws from concentrated product
Number of products unit can draw from	One product per pump, individually or simultaneously
Suction line length/diameter	8 ft. (2.4 m) hose with 1/2 in. (12.7 mm) inside diameter
Discharge hose diameter/length	8 ft. (2.4 m) hose with 1/2 in. (12.7 mm) inside diameter
Discharge wand/tip type	Polypropylene trigger handle
Flow rate*	3.5 gal/min (13.2 l/min) per pump
Pump seals	Viton

*Flow rates given are based on chemical with viscosity of water and factory air pressure settings.

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Installation Instructions:

1. Remove all components from packaging.
2. Select desired area to mount the unit.
3. Mount the unit to the wall using the longer screws (WMS14-2) and plastic anchors (WMS14A) provided in the parts package.
Note: To drill holes for the plastic anchors, use a 5/16 inch drill bit.
4. If desired, mount the wand brackets (FDC-BRKT) using the screws (WMS14) and plastic anchors (WMS14A) provided in the parts package.
5. With the air inlet valve in the closed position, connect 3/8 inch tubing air line to the air inlet quick-fit (QF1438).

Operation Instructions:

NOTE: Follow color coding indicators for proper dispensing. Incorrect dispensing may minimize effectiveness of solutions or result in off label product usage.

1. Follow all Sterilex product label instructions when using product.
2. Place the chemical suction line into container of Sterilex concentrate.
NOTE: Only use blue chemical suction line for Sterilex "Solution 1" product and green chemical suction line for Sterilex "Solution 2/Activator" product.
3. Open the air inlet valve (BVB14). Verify the quick-fit shut off valves (QFSOV14) are open.
4. Dispense "Solution 1" product into 5 gallon jug with blue cap by activating the unit by using the trigger gun (SSG12H). Release the trigger to stop the flow of product.
5. Dispense "Solution 2/Activator" product into 5 gallon jug with green cap by activating the unit by using the trigger gun (SSG12H). Release the trigger to stop the flow of product.

After Use Instructions:

Depressurize unit when not in use and before disassembling unit or performing maintenance.

1. Shut off the air supply to the unit by closing the air inlet valve (BVB14).
2. Open the discharge valve (SSG12H) to relieve any pressure remaining in the unit.
3. Close the discharge valve (SSG12H) after all pressure has been relieved from the unit.
4. Complete depressurization process with all discharge valves. Store the unit with the discharge valve (SSG12H) in the closed position.

Maintenance Instructions:

To keep your chemical transfer unit operating properly, periodically perform the following maintenance procedures:
Note: Before performing any maintenance, ensure that the unit has been depressurized according to the After Use Instructions.

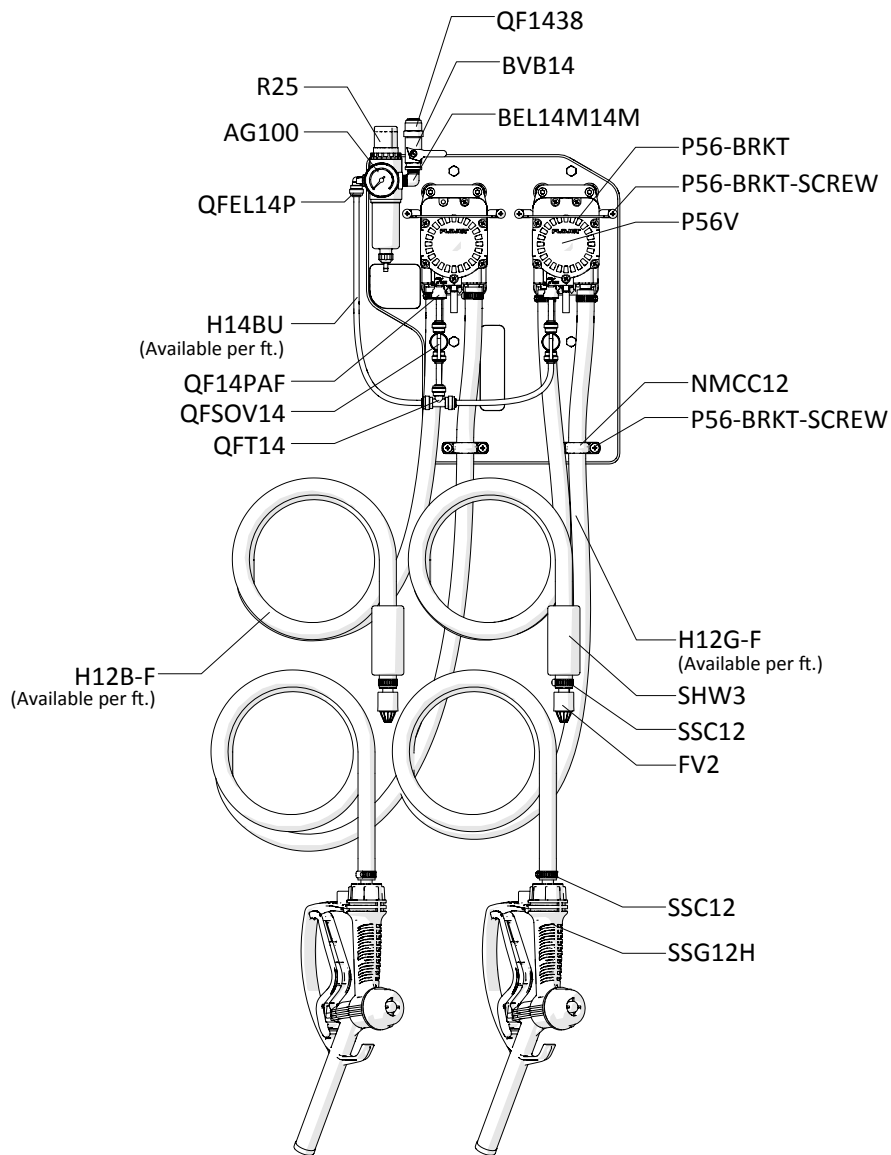
- Inspect the pumps (P56V) for wear and leaks.
- Inspect all hoses for leaks or excessive wear. Make sure all hose clamps are in good condition and properly secured.
- Replace the filter (AFR25) located within the air regulator (R25) as needed. Clean by unthreading the air regulator bowl (ABR25) from the air regulator (R25).
- Check the chemical suction lines and strainers (FV2) for debris and clean as needed.
- Drain your air compressor tank on a regular basis to help extend pump life. An air source with a high moisture content will accelerate pump wear.
Note: If your air source has a high moisture content, you may wish to install a water separator (item number WS-20CFM, sold separately) before the unit.

Troubleshooting Instructions:

- If air passes through the pump (P56V) without cycling, the pump needs to be replaced.
- Check for proper air pressure on the air gauge (AG100). The air regulator (R25) is factory set at 50 psi (3.4 bar). Operating range is 20 to 80 psi (1.4 to 5 bar) with 2 cfm (56.6 l/min).
- If the unit operates at a reduced pressure:
 - o Check the air compressor supplying the unit. If the pressure is less than 40 psi, turn the unit off until the compressor can catch up.
 - o If the air supply is 50 psi (3.4 bar) or above, check the air gauge (AG100), which should read near 50 psi (3.4 bar). If the air gauge reads more or less than 50 psi (3.4 bar), adjust the pressure by turning the knob on the top of the air regulator (R25).
- Check the chemical suction lines and strainers for debris or damage. Clean or replace as needed. To prevent damage to the unit, the strainers (FV2) must always be used.

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ITEM NUMBER	DESCRIPTION
AG100	1.5 INCH DRY MODEL 20 DUAL SCALE GAUGE
BEL14M14M	ELBOW 1/4in MPT X 1/4in MPT
BVB14	AIR INLET VALVE - VA BRS 025-4F4F-BT, NICKEL
FDC-BRKT	WALL MOUNT HANGING BRACKET
FV2	FOOT VALVE, VITON, BLUE
H12B-F	1/2 INCH BLUE HOSE-HYBRID TPE-Available per ft.
H12G-F	1/2 INCH GREEN HOSE-HYBRID TPE-Available per ft.
H14BU	1/4in OD BLUE POLYURETHANE TUBING - Available per ft.
NMCC12	1/2in NONMETALLIC CONDUIT CLAMP
P18	PLUG 1/8 MPT HEX HEAD 304 SS
P56V	PUMP WITH VITON SEALS - INCLUDES HOSE BARBS, AIR FITTING, AND EXHAUST BARB
20756103B	Polypro G57 Air Port x HB Straight, w/ Viton o-ring
HB14P	1/4in BRASS HB AIR FITTING /G57/P56
HB5638V	HOSE BARB FOR P56V PUMP
P56-BRKT	PUMP BRACKET- STAINLESS STEEL
P56-BRKT-SCREW	HI LO SCREW FOR RETAINING P56-BRKT

P56-SSPIN	STAINLESS DOWEL PIN - 5MM DIA X 30MM LONG
PL-CT2	PLATE FOR CTX2
QF1438	QUICK FIT-1/4 MPT X 3/8 OD TUBE-POLYPROPYLENE
QF14PAF	QUICK FIT-1/4 MPT PUMP AIR FITTING
QFEL14P	FIXED ELBOW 1/4in TUBE X 1/4in MPT - POLYPROPYLENE
QFSOV14	SHUT OFF VALVE 1/4in TUBE - POLYPROPYLENE
QFT14	UNION TEE 1/4in TUBE - POLYPROPYLENE
R25	AIR REGULATOR - 1/4ft TWO PORT 1/8ft TWO PORT - INCLUDES FILTER AND BOWL
ABR25	METAL AIR BOWL for R25
AFR25	AIR FILTER for R25
REGBRKT	A33-82 BRACKET,MTG
SHW3	3in LONG COATED WEIGHT
SSC12	STAINLESS SCREW BAND CLAMP FOR 1/2 IN HOSE
SSG12H	WHITE FILL GUN-1/2IN HOSE BARB-HASTELLOY SPRING
WMS14	14 X 1 1/4 HEX W/H SMS SLOTT, S/S
WMS14-2	1/4in X 2in LAG SCREW STAINLESS STEEL
WMS14A	5/16 X 1 1/2 STRAIGHT PLASTIC ANCHOR