Blue-White®

Quick Start Guide

C-600P / C-600HV

CHEM-FEED® Diaphragm Chemical Feed Pump

C-600P Support Hub

Scan QR Code to link to Support Hub for quick access to complete manual, accessories, videos, spare parts and support features

C-600HV Support Hub

IMPORTANT
Safety instructions

CAUTION Follow these instructions before installing your pump to avoid failure.

CAUTION The C-600 is designed to be installed and operated by qualified personnel only. Please note that warranty coverage does not include damage due to misuse or improper installation.

CAUTION Always wear eye protection when installing or removing chemical feed pumps.

CAUTION Confirm chemicals being used with C-600 pump are compatible with wetted components of the pump.

PRESSURE Do not exceed maximum pressure. High pressure and temperature will damage the pump.

PRE-INSTALLATION
Before you begin

In the Box

- C-600 Chemical feed pump
- Foot Valve / strainer
- Ceramic tubing weight
- 5' clear PVC suction tubing
- 5' opaque PE discharge tubing
- Injection fitting
- Mounting hardware kit
- Quick Start Guide

Tools Needed

For mounting:
Drill w/ 5/32 bit
Phillips head screwdriver

Download Instruction Manual

For complete instructions on installation, operation, and maintenance. Use QR Code on front page.

Planning

Mounts and supports must be sturdy enough to support pump and tubing. Allow space around pump for maintenance. Pump can be mounted to wall or shelf. Ensure length of tubing provided with the pump is enough for your installation. If longer lengths are needed, contact factory or local distributor.

Wiring

Pump is provided with a junction box for power wiring (220V units come with pre-wired power cord and no junction box.)

Maintenance

Periodic cleaning of ball checks, check valves, and part replacement is necessary.

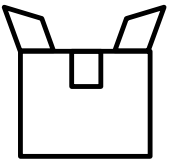
Cleaning Video

INSTALLATION

Step-By-Step

1 Unpacking and Inspection

Ensure all components are provided and inspected. Initially test the pump prior to site installation to ensure pump has not been damaged in transit. Contact factory or local distributor if any components are missing or damaged.

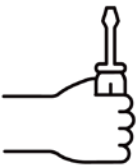


2 Chose location

Locate the pump close to source tank and on a solid level surface. Ensure enough space for suction and discharge tubing connections and wiring, if needed. Pump should be easy to access for operators and maintenance personnel.

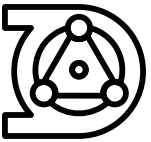
3 Install pump and connect tubing

Place the pump and mount to surface using appropriate hardware. Connect suction and discharge tubing. Use provided foot valve and injector. Install back-pressure valves is recommended.



4 Prime and Calibrate

The pump should be primed and calibrated to ensure proper flow and verify flow rate. To prime, run pump at 100% stroke, or desired stroke length, until solution has reached the discharge point. Discharging into lower pressure will allow the pump to prime easier. Measure flow rate for 1 minute against actual system pressure, and calculate flow rate from total volume pumped. Use value to determine correct pump setting.



5 Flow Adjustment

After installation and calibration, the pump output may need to be adjusted. Use the dial knob to adjust the stroke from 5% to 100%. Note that the pump may be more susceptible to vapor lock or particulates at small stroke length. Reference Instruction Manual for details on your specific model.

WARRANTY
Information

ISO 9001:2015 CERTIFIED

MADE IN THE USA

LIMITED WARRANTY

Your Blue-White product is a quality product and is warranted for a specific time from date of purchase (proof of purchase is required). The product will be repaired or replaced at our discretion. Failure must have occurred due to defect in material or workmanship and not as a result of operation of the product other than in normal operation as defined in the product manual. Warranty status is determined by the product's serial label and the sales invoice or receipt. The serial label must be on the product and legible. The warranty status of the product will be verified by Blue-White or a factory authorized service center.

CHEM-FEED C-600 pump is warranted for 1 year from date of purchase (proof of purchase is required). The pump will be repaired or replaced at our discretion.

WHAT IS NOT COVERED

•Wear parts
•Freight to the factory, or service center.
•Products that have been tampered with, or in pieces.
•Damage resulting from misuse, carelessness such as chemical spills on the enclosure, abuse, lack of maintenance, or alteration which is out of our control.
•Damage by faulty wiring, power surges or acts of nature.

BLUE-WHITE does not assume responsibility for any loss, damage, or expense directly or indirectly related to or arising out of the use of its products. Failure must have occurred due to defect in material or workmanship and not as a result of operation of the product other than in normal operation as defined in the pump manual.

Warranty status is determined by the pump's serial label and the sales invoice or receipt. The serial label must be on the pump and legible. The warranty status of the pump will be verified by Blue-White or a factory authorized service center.

PROCEDURE FOR IN WARRANTY REPAIR

Warranty service must be performed by the factory or an authorized service center. Contact the factory or local repair center to obtain a RMA (Return Material Authorization) number. It is recommended to include foot strainer and injection/check valve fitting since these devices may be clogged and part of the problem. Decontaminate, dry, and carefully pack the product to be repaired. Please enclose a brief description of the problem and proof of purchase. Prepay all shipping and insurance cost. COD shipments will not be accepted. Damage caused by improper packaging is the responsibility of the sender. When In-Warranty repair is completed, the factory pays for return shipping to the dealer or customer.

PRODUCT USE WARNING

Blue-White products are manufactured to meet the highest quality standards in the industry. Each product instruction manual includes a description of the associated product warranty and provides the user with important safety information. Purchasers, installers, and operators of Blue-White products should take the time to inform themselves about the safe operation of these products. In addition, Customers are expected to do their own due diligence regarding which products and materials are best suited for their intended applications. BLUE-WHITE is pleased to assist in this effort but does not guarantee the suitability of any particular product for any specific application as Blue-White does not have the same degree of familiarity with the application that the customer/end user has. While BLUE-WHITE will honor all of its product warranties according to their terms and conditions, Blue-White shall only be obligated to repair or replace its defective parts or products in accordance with the associated product warranties.

BLUE-WHITE SHALL NOT BE LIABLE EITHER IN TORT OR IN CONTRACT FOR ANY LOSS OR DAMAGE WHETHER DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL, ARISING OUT OF OR RELATED TO THE FAILURE OF ANY OF ITS PARTS OR PRODUCTS OR OF THEIR NONSUITABILITY FOR A GIVEN PURPOSE OR APPLICATION.

CHEMICAL RESISTANCE WARNING

BLUE-WHITE offers a wide variety of wetted parts. Purchasers, installers, and operators of Blue-White products must be well informed and aware of the precautions to be taken when injecting or measuring various chemicals, especially those considered to be irritants, contaminants or hazardous. Customers are expected to do their own due diligence regarding which products and materials are best suited for their applications, particularly as it may relate to the potential effects of certain chemicals on Blue-White products and the potential for adverse chemical interactions. Blue-White tests its products with water only. The chemical resistance information included in this instruction manual was supplied to BLUE-WHITE by reputable sources, but Blue-White is not able to vouch for the accuracy or completeness thereof. While BLUE-WHITE will honor all of its product warranties according to their terms and conditions, Blue-White shall only be obligated to repair or replace its defective parts or products in accordance with the associated product warranties.

BLUE-WHITE SHALL NOT BE LIABLE EITHER IN TORT OR IN CONTRACT FOR ANY LOSS OR DAMAGE, WHETHER DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL, ARISING OUT OF OR RELATED TO THE USE OF CHEMICALS IN CONNECTION WITH ANY BLUE-WHITE PRODUCTS.

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Have Questions?

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