DULTMEIER SALES™

Pet Wash Grooming Systems

PN PG25, PG25-BE, PG25-S, PG25S-BE







Owner's Manual #0784 V2 02.01.24	
Serial Number:	**Installation Date:**

IMPORTANT



Please read and understand this manual. Store in safe location for future reference.

Everyone who operates this unit should understand basic operations and safety precautions! The time you take to fully understand the proper installation, maintenance and use of the machine will prolong its service life, and assure you of trouble free operation.

When unpacking, check to make sure all the parts shown on the Parts Breakdown near the end of this manual are included. If any parts are missing or broken, please call Dultmeier Sales as soon as possible.

Consumers should notice that this manual may differ slightly from the actual product as more improvements are made to our products. Some of the pictures in this manual may differ slightly from the actual product as well. Dultmeier Sales reserves the right to update designs and / or change the specifications at any time without incurring any obligation to install them on units previously sold.

If you have any questions or suggestions about this manual, please contact us at:

1-888-677-5054
dultmeier@dultmeier.com
www.dultmeier.com

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To avoid serious or fatal personal injury or major property damage, read and follow all safety and operation instructions in the manual.

This is a **Safety Alert Symbol** -
When you see this symbol in the manual, look for the following signal words & be alert to the potential for personal injury or property damage.

DANGER Warns of potential hazards that **WILL** cause serious personal injury, death or property damage.

WARNING Warns of potential hazards that **CAN** cause serious personal injury, death or property damage.

CAUTION Warns of potential hazards that **WILL** or **CAN** cause minor personal injury, death or property damage.

IMPORTANT Indicates special instructions that **MUST** be followed but not related to hazards.

This manual is intended to assist in the installation and operation of this unit.
Do not attempt to operate this unit without reading and understanding this manual.

General Safety

To avoid the risk of serious bodily injury and property damage, read safety instructions carefully before installing this system. Follow all local and/or national plumbing and electrical codes when installing.

IMPORTANT

Do Not Allow System or Components to Freeze.
To do so may damage the system and will void the warranty.

WARNING

Never Run the System Dry.
Running the unit dry (without fluid) can damage internal parts, overheat pump (which can cause burns to people handling or servicing the pump), and will void the warranty.

WARNING



Risk of Electric Shock.
Keep the unit dry at all times -
Do not wash the motor or electrical panel or allow the unit to sit in standing water.

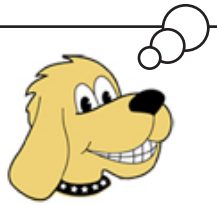
Use only Ground Fault Circuit Interrupter (GFCI) protected grounded outlet for the cord plug.
If you must use an extension cord, use only UL approved indoor/outdoor, 3-wire, grounding type cords. The cord must be rated to support amp draw. Do not allow any part of cord or receptacle ends to sit in water.

To avoid fatal shocks, proceed as follows if service is needed:

A. Turn off water to the system.
B. Disconnect the power at main electrical service before unplugging the unit.
C. Ground the electrical outlet box.
D. Take extreme care when changing fuses.

A prominent sign should be posted warning users to not spray Disinfectant on pets or body parts. Disinfectant may cause irritation of exposed areas. Consult the product label for First Aid information.

Advise your customers to take care and avoid getting any product (Shampoo, Conditioner, Odor Control, etc..) in pet's eyes, nose, or mouth. Rinse the affected areas thoroughly, should this accidentally happen. Consult the product labels for more detailed information.



Help Keep Me Safe!

Tub Placement & Assembly

1. Place Tub and Cabinet Assembly with the back side of the System against the back wall of the bay or room. Suggested minimum clearance between walls or other washes is 10’ from each side.

   PG25 Dimensions:
   96” L x 44” W x 57” H
   Height to Top of Tub: 40”

Due to the weight of this unit, having an assistant is recommended for this next step.

Helpful Hint !

2. Install threaded Leveling Feet on all four legs and level unit. Mark one hole per foot and drill 3/8” hole 1/2” deep into the floor. Insert 3/8” x 1-7/8” sleeve anchors, align feet, and tighten bolts.
   (Fig. 1)

3. Extend the ramp/stairs to the floor. It is recommended that the tub ramp be left in the down and extended position at all times, except for cleaning.



figure 1

Mounting Back Room Equipment

1. Select a mounting location on a wall at a height where the unit can be easily serviced. Locate to conveniently run Electrical, Plumbing, and Blower Lines. Ideally on opposite side of dividing wall. Hold the board level and mark spots on the wall for each mounting hole on the board.

2. Use a 5/16” bit to drill 1-1/2” deep holes into the wall. Hold board on wall and insert 1/4” x 1-7/8” sleeve anchors (provided) into drilled holes. Tighten anchor nuts.
   (Fig. 2)

If you are installing a PG25-BE be sure to leave room for your chemicals underneath the system.

Helpful Hint !



Shown with Back Room Plumbing Package

figure 2

Electrical

⚠ DANGER **All electrical connections should be made by a qualified electrician and done according to all local codes.**

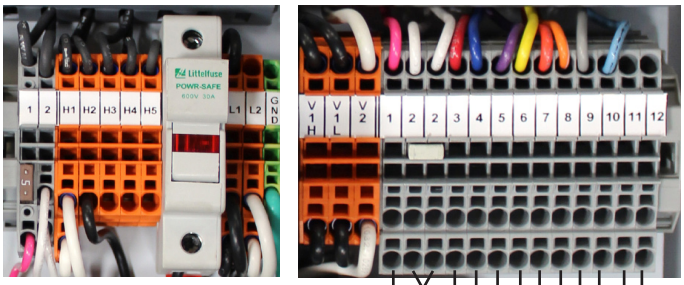
1. This system requires a dedicated 120V, 15A grounded circuit to supply the Electrical Panel and Dryer. If not available, have an Electrician install a 120V receptacle next to the Electrical Panel.

2. Plug the provided cord into the receptacle.

3. Mount the Coin (or Coin & Bill) Meter Box on the wall at the left side of the Pet Wash, approximately 42” from the floor.

4. Run wires from Coin Meter Box to Electrical Panel Terminal Blocks. Use the blankside of Terminal Block for field wiring. Match wire colors. **(Fig. 3)**

   If you purchased the In Bay Equipment package, you will also have to run a second set of wires from the Electrical Panel Terminal Blocks to the Terminal Blocks in the Tub Panel. **(Fig. 4)**



24V Supply To Coin Meter		
Pink X1	24 VAC	#1
White X2	24 VAC Com.	#2
Red	Shampoo	#3
Dark Blue	Water Solenoid	#4
Purple	Conditioner	#5
Yellow	Deodorizer	#6
Orange	Blow Dry Low	#7
Orange/White	Blow Dry High	#8
Grey	Disinfectant	#9
Light Blue	Rinse	#10
Option 1		#11
Option 2		#12

figure 3

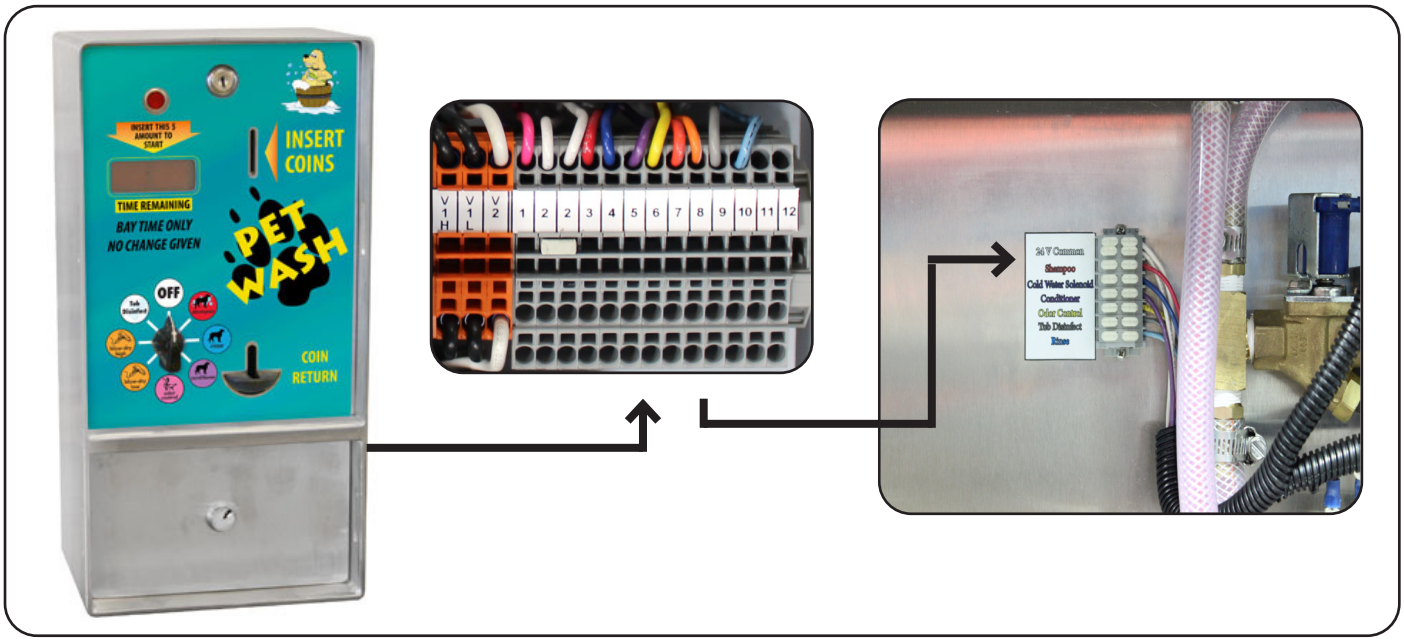


figure 4

Plumbing

⚠ WARNING **All plumbing connections should be made by a qualified plumber and done according to all local codes.**

1. Plumber to run Hot Water supply line to Hot Water inlet side of Tempering Valve. Temperature not to exceed 120 degrees on this line. Run Cold Water supply line to Cold Water inlet side of Tempering Valve. Inlets are clearly marked H for Hot Water and C for Cold Water. **(Fig. 5)**

   See Tempering Valve Owner's Manual for operation and setting information.

2. If you purchased a Back Room Equipment Package, the Tempering Valve will need to be plumbed in line and the 1/2" hose ran to the inlet solenoid on the Control Board, and then from the outlet of the injector to the barb fitting on the back of the tub. **(Fig. 6-A & 6-B)**

⚠ IMPORTANT **Strainer should be mounted in a location convenient for servicing.**

3. Mount strainer rigid.

4. Plumber to run a drain pipe from 1½" Stub Pipe on Tub to Strainer inlet and then from Strainer outlet to trap. Since all configurations may differ, your plumber will have to decide what works best for your application. Use **Figures 6-B & 7-A** as an example.

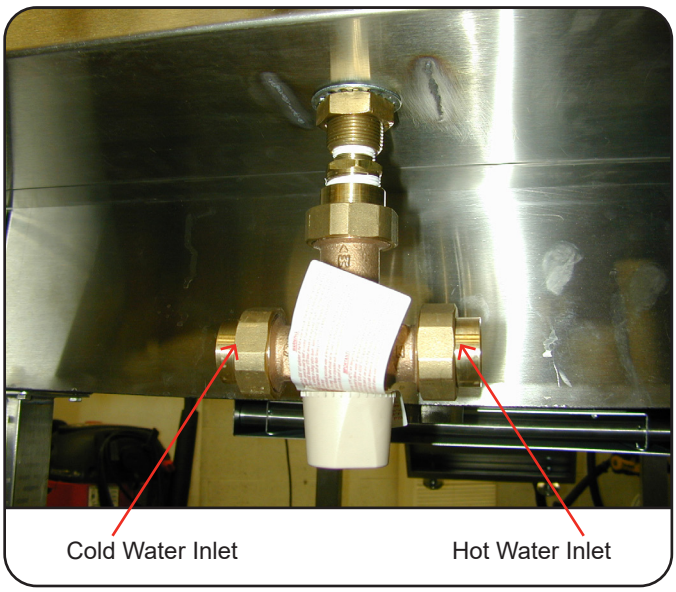


figure 5

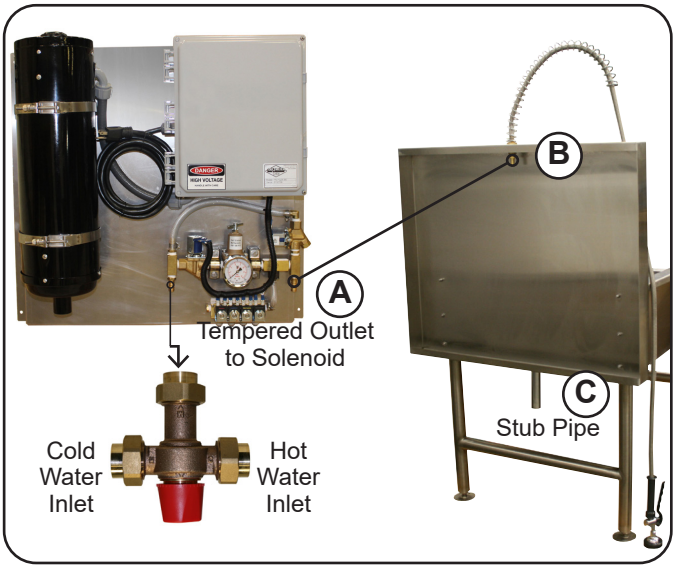


figure 6

SERVICING YOUR BASKET STRAINER:

1. Support the Strainer while removing the lid to prevent the pipes from shifting.

2. Pull out the Basket to remove debris and replace.

3. Use Mineral Oil to lube the lid O-Ring and replace the lid.

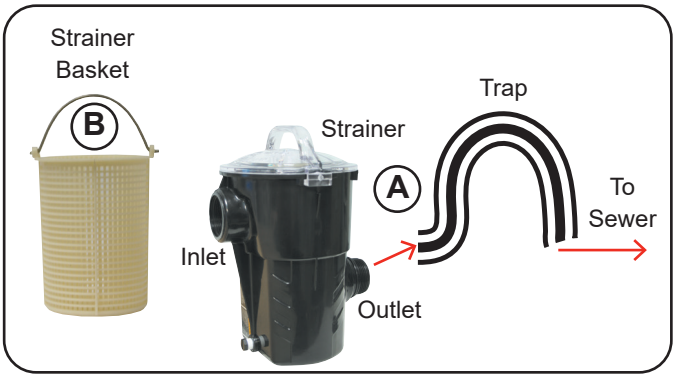


figure 7

Chemical & Wand Setup

1. Remove chemical containers from panel and add grooming chemicals to each container.

IMPORTANT **Carefully follow mixing instructions on chemical bulk packages. Take note of any safety precautions.**

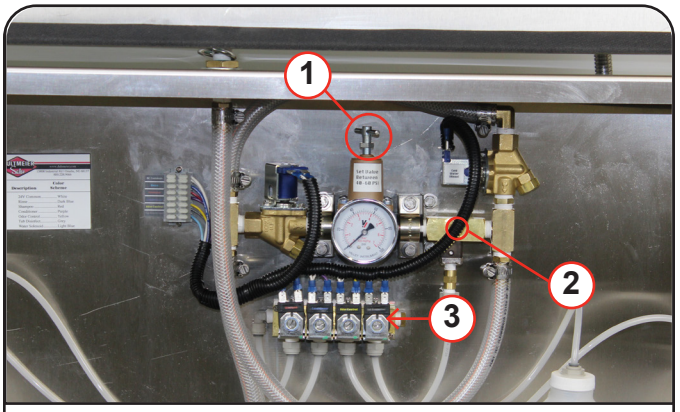
2. Mount wand holder to left side of cabinet.
   * Mount on left side of wall, approx 48” high.

3. Regulator is set in production. City water pressure should be 40 to 50 PSI. If adjustment is required turn T handle clockwise for higher pressure and counter-clockwise for lower pressure. **(Fig. 8-1)**
   *** (Fig. 9-1)**

4. Chemical draw is regulated with main adjustment screw on injector valve. Turning the screw clockwise will increase chemical draw. Final dilution (titration) will need to be checked at spray nozzle. If individual metering is required use chemical metering screws on each of the solenoids of the manifold block. **(Fig. 8-2 & 8-3)**
   *** (Fig. 9-2 & 9-3)**

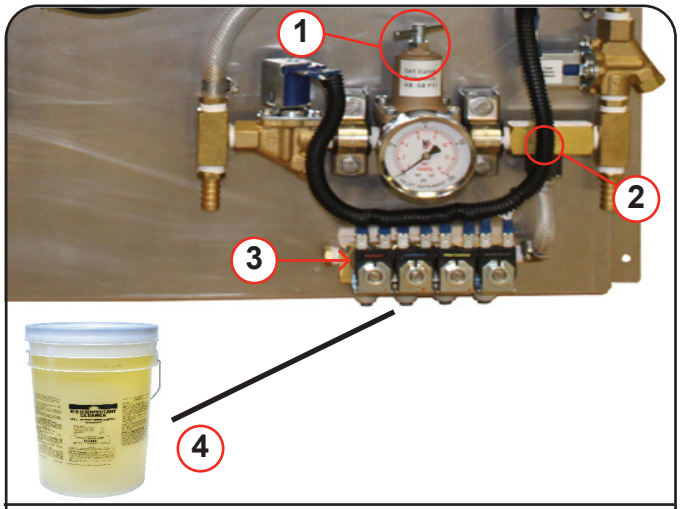
5. * Run lines from chemical solenoids to 5 gallon chemical buckets. **(Fig. 9-3 & 9-4)**

Consult injector manual and chemical containers for further dilution information.



[1] Water Pressure Regulator
[2] Injector Main Adjustment Screw
[3] Chemical Adjustment Screws on Solenoids

figure 8



[1] Water Pressure Regulator
[2] Injector Main Adjustment Screw
[3] Chemical Adjustment Screws on Solenoids

figure 9

**** Follow these instruction if you purchased the Back Room Equipment Panel***

Dryer Setup

IMPORTANT **Do not block air intake. Dryer will not function without proper air flow.**

1. Since all applications differ, use these next steps as an example.
2. Drill hole in wall going from Equipment Room to Bay.
3. Insert the stem of the wall flange through the Bay side wall into the Equipment Room. **(Fig. 10)**
4. Slip the flange over the stem and secure by tightening the set screw. **(Fig. 10)**
5. Run the Blower hose from the Blower to the flange stem. Cut hose to fit.
6. In the Bay run the Blower hose from the stem to the tub. Make certain the hose is able to reach all sides of the tub.
7. Install the Blower nozzle. **(Fig. 11)**
8. Secure other hose ends with clamps provided.

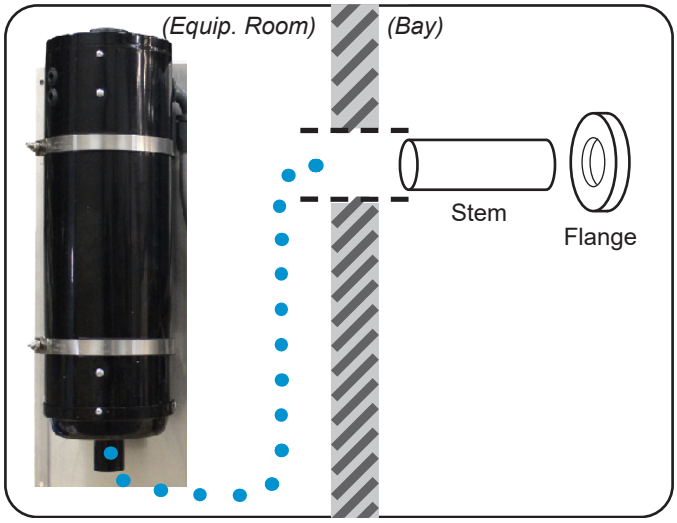


figure 10

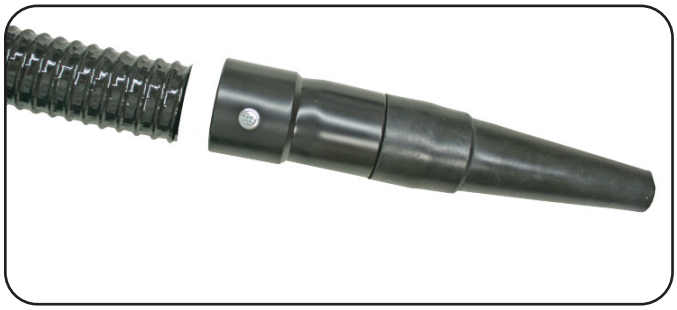


figure 11

IMPORTANT

Your Pet Wash Grooming System does not include Grooming Chemicals.
Dultmeier Sales can supply these in 5 Gallon Pail.



TU DS15



TU DS14



TU DS16



TS BRS5

Testing & Operation

1. Activate the system by inserting coins or bills into meter box.

2. Turn rotary switch selector to Rinse position. Squeeze shower head nozzle and clear water should flow into tub.

3. Turn rotary switch to Shampoo position. Squeeze shower head nozzle and soapy water should appear in tub. You may have to make adjustments discussed in the chemical set up section for proper soap amount. Repeat for Conditioner, Deodorizer and Disinfectant.

4. Place dryer hose in tub and hold one end. Turn rotary switch to Blow-dry and ensure air flow is exiting nozzle.



(Optional)
Dultmeier Sales
Pet Wash Meter Box
DU 25MMD-PG

Recommended Grooming Process is as follows:

1. ***Tub Disinfect.***
   Thoroughly spray the tub with disinfectant.

2. ***Rinse.***
   Rinse tub completely before allowing pet in.

IMPORTANT
WARNING

A prominent sign should be posted warning users to not spray disinfectant on pets or body parts.

3. ***Rinse.***
   Wet pet's coat with warm water.

4. ***Shampoo.***
   Apply shampoo. Work into a rich lather, avoiding pet's eyes.

5. ***Rinse.***
   Rinse pet completely with clean water.

6. ***Conditioner.***
   While pet is still wet, apply liberal amounts of Creme Rinse. Massage throughout pet's coat.

7. ***Rinse.***
   Rinse pet completely with clean water.

8. ***Odor Control.***
   Apply Deodorizer to pet avoiding eyes, nose, mouth, & ears. Pat down with towel.

9. ***Blow-dry.***
   The drying process for some long haired pets may need to be assisted with toweling.

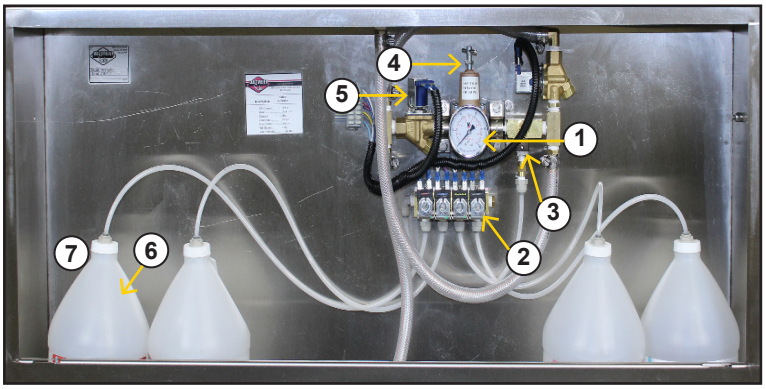
The Tub Disinfectant cycle has been included for owner to periodically clean the tub. A great hygienic practice is to encourage pet owners to disinfect and rinse before allowing pet into tub.

Helpful Hint !





Parts Breakdown:



PN PG25 (Front Room Plumbing Package)



PN PG25-BE (Back Room Plumbing Package)







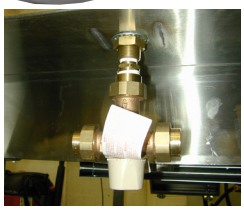






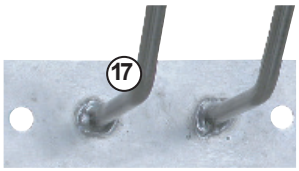






Item	Part Number	Description
1	AH 2DP100	100# Dry Gauge
2	GC SC951YN24VBBA4F	5 Bank Solenoid
	GC S091.1150	*Replacement Plunger for KI 2X357-24A*
3	DE 203B-2450	Chemical Injector
4	GE 4HC-375B	Pressure Regulating Valve
5	DE 443P-24	Water Inlet Solenoid
6	TO 120132	Chemical Jug
7	TO 140125	Chemical Jug Lid
8	GS MBJC3	2 Speed Pet Dryer & Dryer Hose
9	FX GV12X15	15’ Dryer Hose
10	DD 83CR20065	77” Spray Hose
	DD 80-HCP	*Spray Wand (Not Visible)*
	DD 919014	*Hose Spring (Not Visible)*
11	FC UP44-100N	Tubing
12	HC CR112	Crevice Tool
13	DC AS3161	Swivel Cuff
14	DC A3157A	Hose Connector
15	GN 1P999	Basket Strainer
16	WS L1170-3/4	Tempering Valve
17	DD D714	Stainless Brush Holder
18	DD D7634	Stainless Wall Hook
19	DD TR12	Trash Holder







Notice Regarding Manufacturer's Limited Warranty

Dultmeier Sales Limited Liability Company (hereinafter Dultmeier), notifies you that component part(s) carry a manufacturer's limited warranty provided by the manufacturer of said component part(s). These warranties do not pertain to normal wear of component part(s) that may occur within any specified period. While Dultmeier is not the manufacturer of any of the component part(s), Dultmeier will assist you in processing any and all manufacturer's warranty claim if applicable and available. Any and all manufacturer's claims must be submitted in writing to the manufacturer within the warranty periods provided by the manufacturer.

Defective component part(s) that are to be considered for manufacturer's limited warranty must be returned to the manufacturer by prepaid shipment with the applicable manufacturer's limited warranty period. If the component part(s) are deemed to be defective under the manufacturer's warranty, Dultmeier will assist in obtaining a replacement or repair of the component part(s). Said component part(s) will be returned F.O.B. Omaha, Nebraska. Replacement or repair shall be the exclusive remedy for any breach of warranty. Labor for installation, either with respect to original or replacement part or components, is not covered under the manufacturer's limited warranty.

Neither the manufacturer nor Dultmeier warrants loss of income or consequential damages for injury or commercial loss resulting from any breach of warranty or warranties stated above.

The manufacturer's limited warranty as stated does not apply to component part(s) which have been improperly installed, misused, altered, neglected, abused or not installed, adjusted, maintained, or used in accordance with applicable codes and ordinances and in accordance with the manufacturer's specifications as to such factors.

Notwithstanding Dultmeier's willingness to assist in the processing of the manufacturer's limited warranty, Dultmeier makes no warranty against infringement of the like, makes no warranty of merchantability, makes no warranty of fitness for a particular purpose, and makes no other warranty, express or implied, including implied warranty arising from the course of dealing or usage of trade.

Compliance with all local, state and federal codes regarding the installation and operation of said equipment, parts and components shall be the responsibility of the purchaser. The rights and obligations of the parties shall be governed by the laws of the State of Nebraska.

Dultmeier Sales • 1-888-677-5054
Omaha, NE - Davenport, IA

Production Checklist

- OK NA Locks Keyed Alike
- OK NA Key # _____
- OK NA Mats Cut Straight
- OK NA Mats Cleaned
- OK NA Pressure Regulator Set @ _____
- OK NA Injector Set
- OK NA Solenoids
  - OK NA Shampoo
  - OK NA Conditioner
  - OK NA Odor Control
  - OK NA Disinfectant
  - OK NA Rinse
- OK NA Tested
  - OK NA Oatmeal Treatment
- OK NA Winterized
  - OK NA Flea & Tic
- OK NA Packaged
- OK NA Crate
- OK NA _____
- OK NA _____

Accessories

- OK NA Electrical Drawing
- OK NA Tempering Valve
- OK NA Chemical Containers
- OK NA Chemical Hose
- OK NA Vacuum Hose
- OK NA Blower Nozzles
- OK NA Spray Nozzle
- OK NA Hose Couplers
- OK NA Weights & Strainers
- OK NA Leveling Bolts

Additional Parts Shipped in Container

- OK NA _____
- OK NA _____
- OK NA _____
- OK NA _____
- OK NA _____

Order # _____

Built By _____ Checked By _____

Customer Checklist

- OK NA Accessories Included
- OK NA Shipping Container Was In Good Shape
- OK NA Overall Condition

If you have any questions or concerns about condition of this unit, please contact us at 1-888-677-5054 before operating.