

Table of Contents

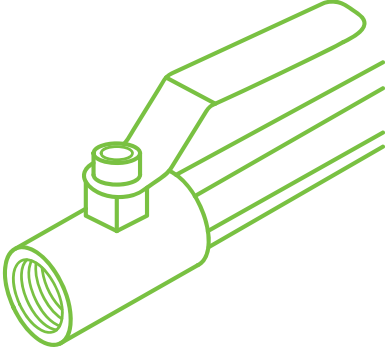
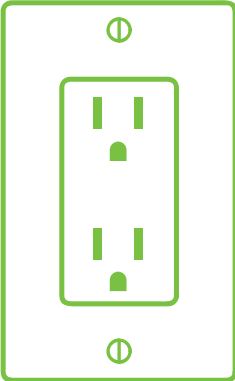

Pre-installation Requirements	3
Quick Connect Fitting Assembly	4
System Layout	5
Mist Control Box Installation	6 - 7
Track Breakdown	8
Mist Track First Nozzle Location	9
Track Mounting Options	10
Mounting the Track	11 - 12
Start-up Procedure	13 - 14
Timer Adjustment	15
System Warranty	16

If there is any information in this manual that is unclear, please let us know so we can revise future editions.

Contact our Customer Service department with your suggested edits: sales@prodew.com or 770.420.3060

Pre-installation Requirements

THE FOLLOWING MUST BE IN PLACE BEFORE OUR INSTALLERS ARRIVE ON LOCATION

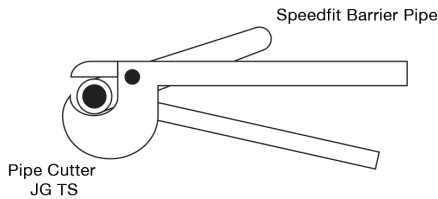
Water	Power	Drain
		
<ul style="list-style-type: none"> • <u>Dedicated water supply:</u> 1/2in female NPT adapter with ball valve • Easily accessible and near the case • Minimum inlet pressure of 30 PSI 	<ul style="list-style-type: none"> • <u>2-plug outlet:</u> 110/220VAC 60/50Hz 20Amp • Easily accessible and near cases or location of control box 	<ul style="list-style-type: none"> • <u>Floor drain:</u> Minimum 3/4in for waste water or a 1/2in drain pipe • Easily accessible and near cases or location of control box

Quick Connect Fitting Assembly

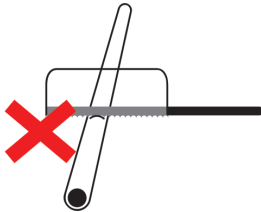
Note: Fittings and pipe should be kept clean, bagged and undamaged before use

1 Prepare the connection

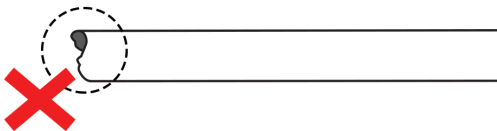
Cut the pipe square ensuring it is free of score marks. When using speedfit barrier pipe, cut along an insertion mark. We recommend the use of one of the pipe cutters. For soft or thin walled plastic pipe we recommend the use of a tube insert or pipe inser



Note: Do NOT use a hacksaw

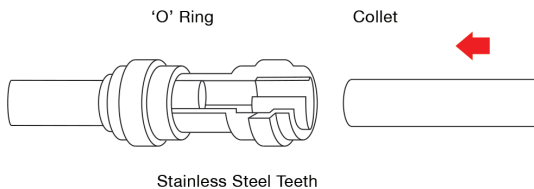


Note: To avoid damage to the O-ring, make sure burrs and sharp edges are removed



With the fitting clean and undamaged and the pipe cut square, you are now ready to make the connection

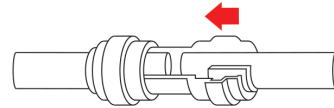
Do not insert fingers into the fitting as the stainless steel teeth may cause injury



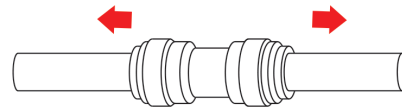
2 Assemble the Connection

Connecting standard Quick-Connect fittings

Push up to pipe stop

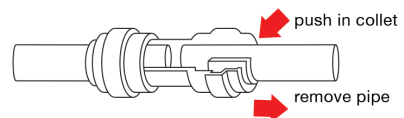


Push the pipe into the fitting, to the pipe stop. The collet (gripper) has stainless teetch which hold the pipe firmly in position whilst the 'O' ring provides a permanent leak proof seal. Pull to check secure



Pull on the pipe to check it is secure. It is good practice to test the system prior to leaving site and/or before use.

Disconnecting standard Quick-Connect fittings



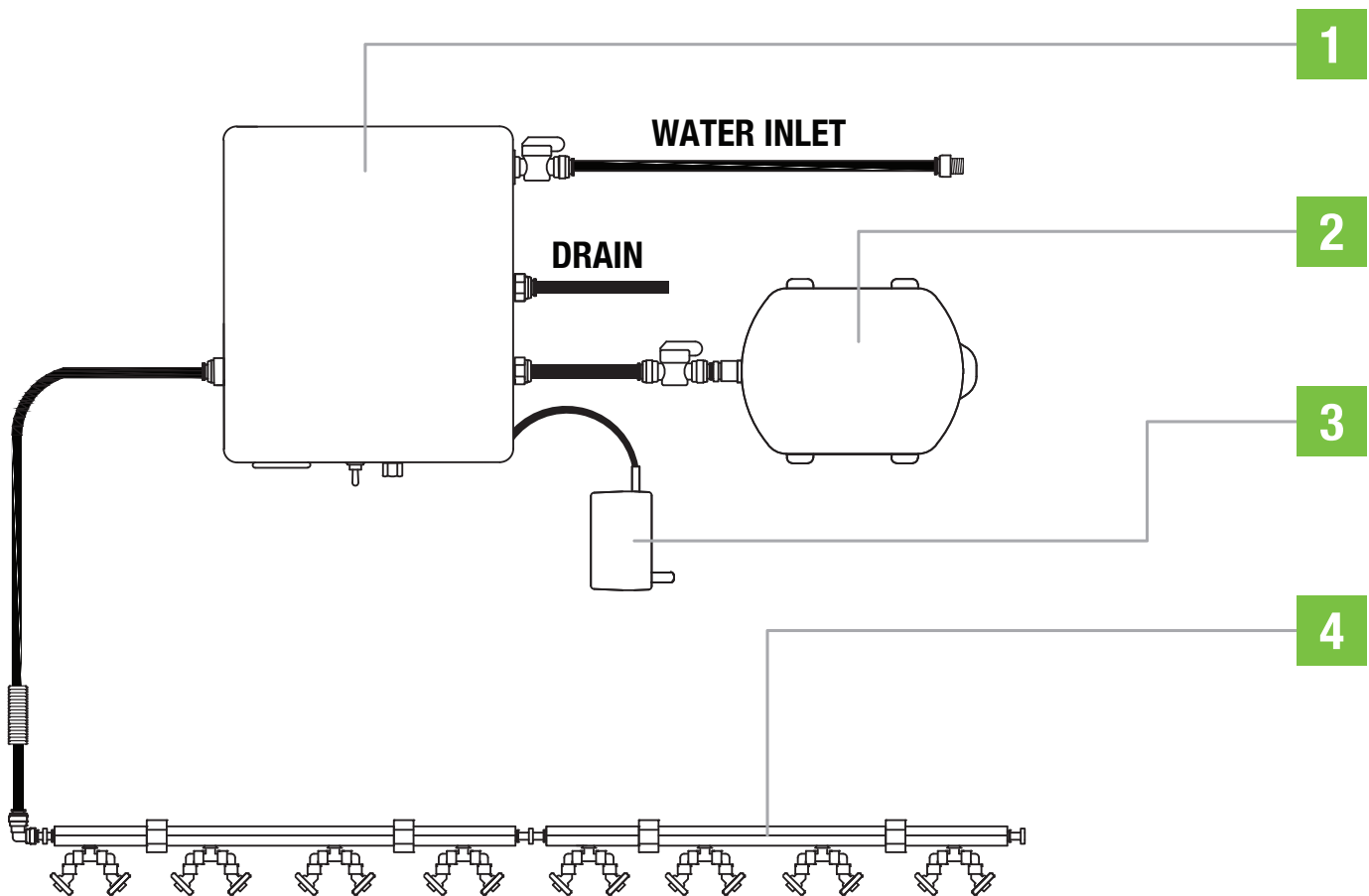
Ensure system is depressurised before removing fittings. Push in the collet against the face of the fitting. With the collet held in this position the pipe can be removed. The fitting can then be re-used.

3 Verify the connection

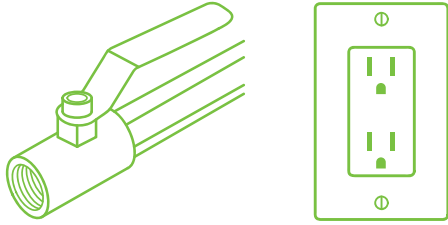
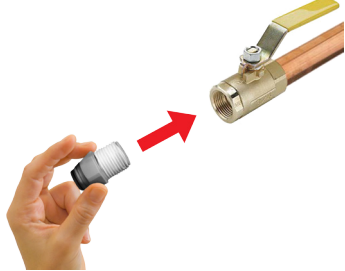
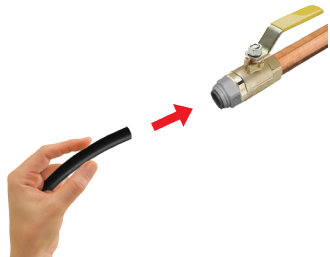
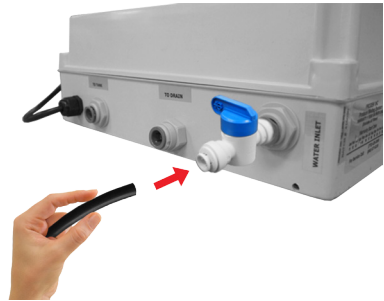
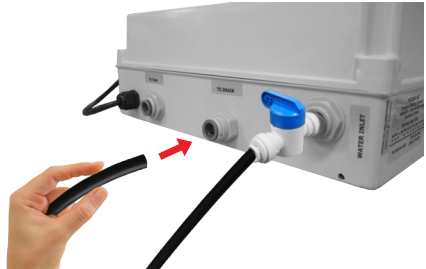
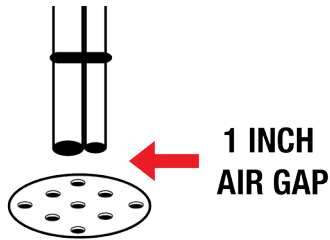
it is recommended that you remember to pressure test the complete installation before use.

System Layout


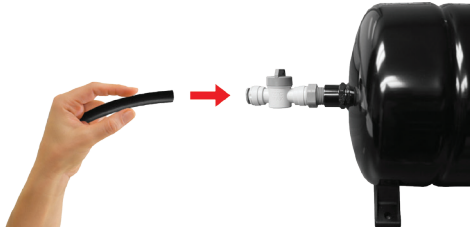
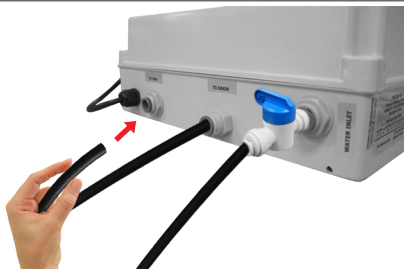


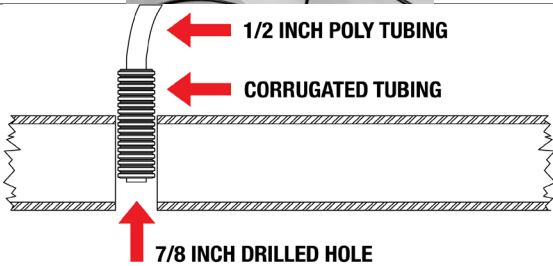
LABEL	DESCRIPTION
1	Premium Mist Control Box
2	Expansion Tank - 2 Gallon
3	Transformer 24VAC
4	Oasis Canopy Mist Track



Mist Control Box Installation

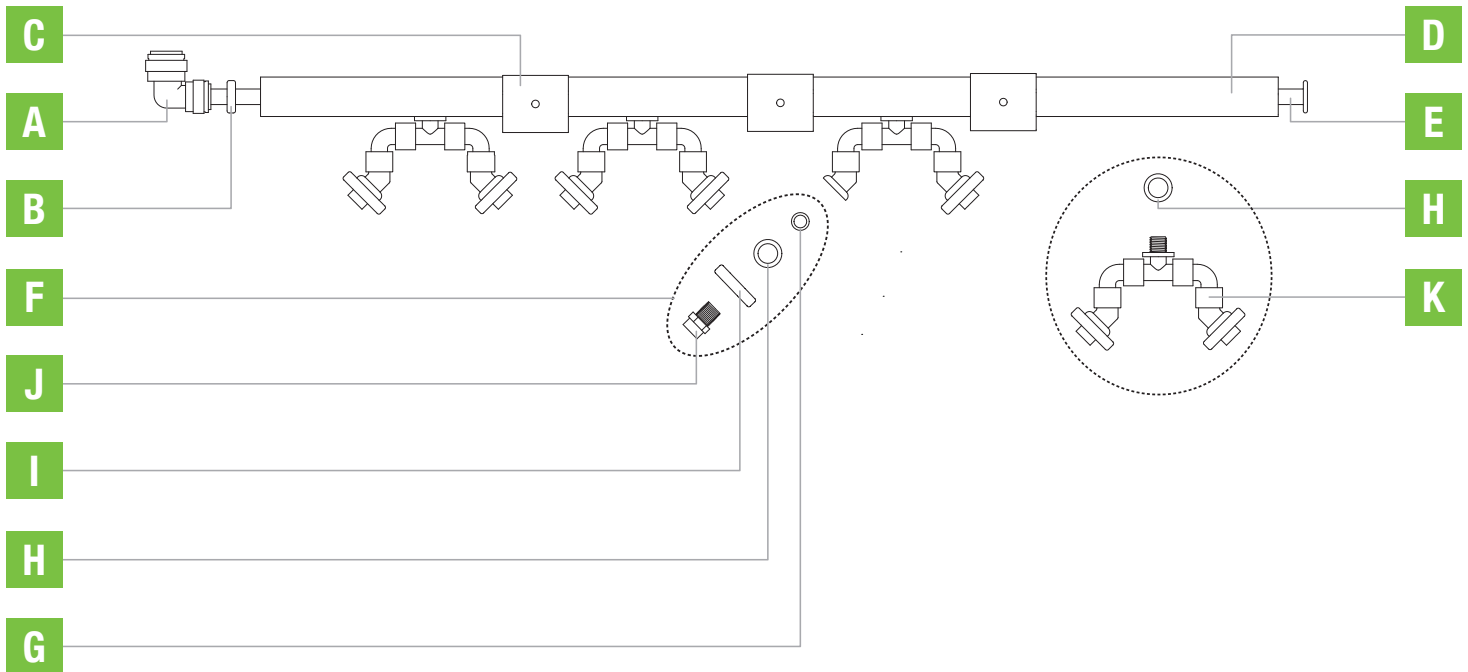
Instructions	Images
<p>STEP 1</p> <ul style="list-style-type: none"> • Locate power and water line. • Mount the mist control box near water, power and the mist track location. 	
<p>STEP 2</p> <ul style="list-style-type: none"> • Add Teflon tape to the threaded part of the male connector (supplied with the accessory kit). • Thread male connector into the city water supply ball valve. 	
<p>STEP 3</p> <ul style="list-style-type: none"> • Connect 1/2in tubing to the male connector. 	
<p>STEP 4</p> <ul style="list-style-type: none"> • Run the tubing from the water supply to the mist control box and cut the tubing to length. • Attach the shut off valve that comes with the mist control box into port labeled water inlet. • Connect 1/2in tubing to the shut off valve. 	
<p>STEP 5</p> <ul style="list-style-type: none"> • Cut the necessary length of 1/2in tubing and connect it to the port labeled "DRAIN" on the mist control box. 	
<p>STEP 6</p> <ul style="list-style-type: none"> • Strap the other end of 1/2in tubing to the existing drain lines using zip ties. • Leave a 1 in air gap in between the tubing and the drain to avoid contamination. 	

Mist Control Box Installation (Continued)

Instructions	Images
<p>STEP 7</p> <ul style="list-style-type: none"> • Apply Teflon tape to threaded part of the ball valve (supplied with expansion tank) and thread it into the expansion tank. • Mount the expansion tank so that the ball valve is facing the mist box and is located 1 - 2 feet away from the mist box. 	
<p>STEP 8</p> <ul style="list-style-type: none"> • Cut the necessary length of 1/2in tubing and connect it to the tank. 	
<p>STEP 9</p> <ul style="list-style-type: none"> • Connect the other end of 1/2in tubing to the port labeled “TO TANK” on the mist box. 	
<p>STEP 10</p> <ul style="list-style-type: none"> • Drill a 7/8in wide hole through the case ceiling in the location where you want the tubing to pass through. • CAUTION: Check for electricity, water, and refrigerator lines before drilling. 	
<p>STEP 11</p> <ul style="list-style-type: none"> • Cut the necessary length of 1/2in tubing and connect it to the port labeled “TO TRACK” on the mist box. 	
<p>STEP 12</p> <ul style="list-style-type: none"> • Run the other end of 1/2in tubing through corrugated tubing to avoid scratches. • Run the 1/2in tubing and corrugated tubing through the drilled hole in the case ceiling. 	 <p style="text-align: right;"> ← 1/2 INCH POLY TUBING ← CORRUGATED TUBING ↑ 7/8 INCH DRILLED HOLE </p>

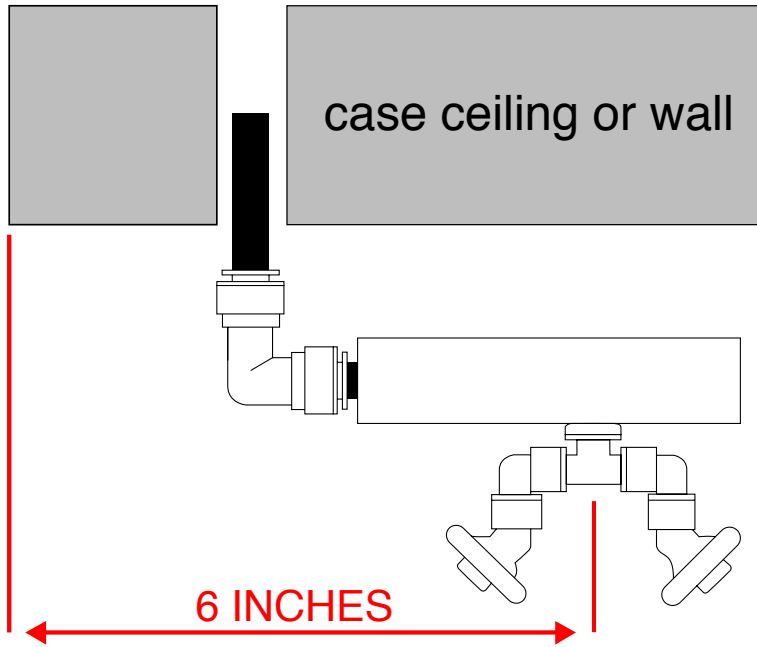
Track Breakdown

LABEL	PART NUMBER	DESCRIPTION
A	2PREQ12Q38	Reducing Elbow, 3/8in QC x 1/2in QC
B	2PUSP38	Stem Union, 3/8in
C	3CLPOASB-N	New Oasis Clamp - Black
D	MTRCOAS(X)-(Z)(Y)	Oasis Track, (X) Center (Z) ft - Black
E	2PSP38	Stem Plug, 3/8in
F	NOZVFBL	Replacement Oasis Nozzle Kit - Black
G	2ORN-010	O-Ring, 568-010
H	2ORN-110	O-Ring, 43-110 BUNA
I	4VF-K-B	Oasis Wing-nut, Black
J	ANZP18-10-08OB-CV	Nozzle, 1/8in -Black - 1.0G-80-CV
K	MSPR-VF-OAS-B-NT	Oasis Spray Head - Black

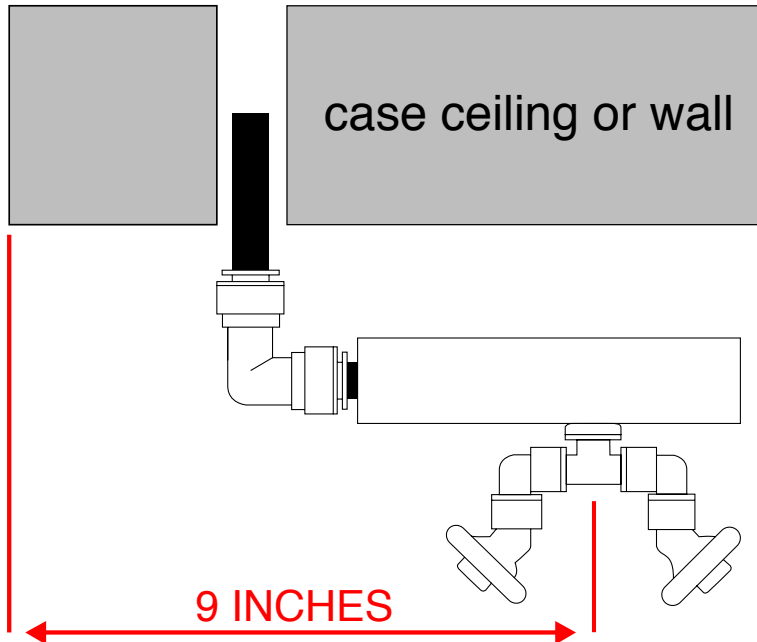


Mounting Location for First Nozzle

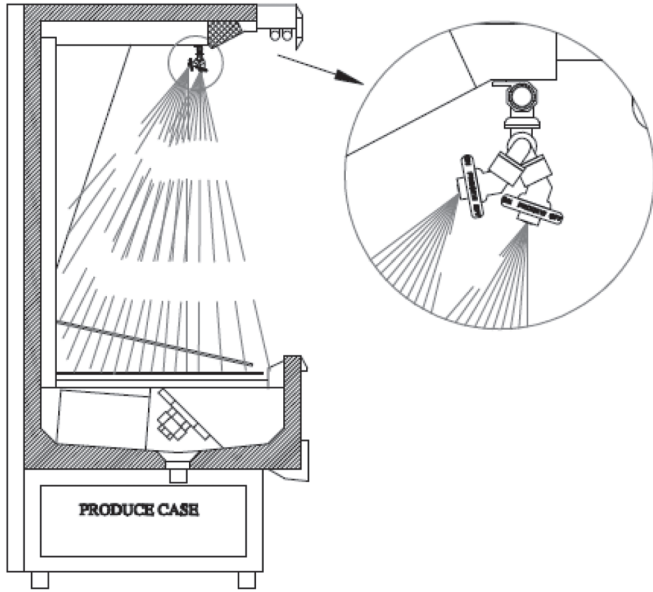
6 & 12in Mist Track



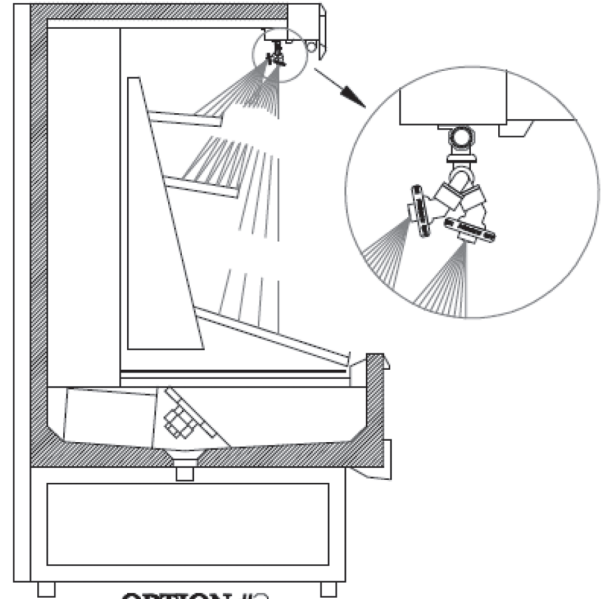
9in Mist Track



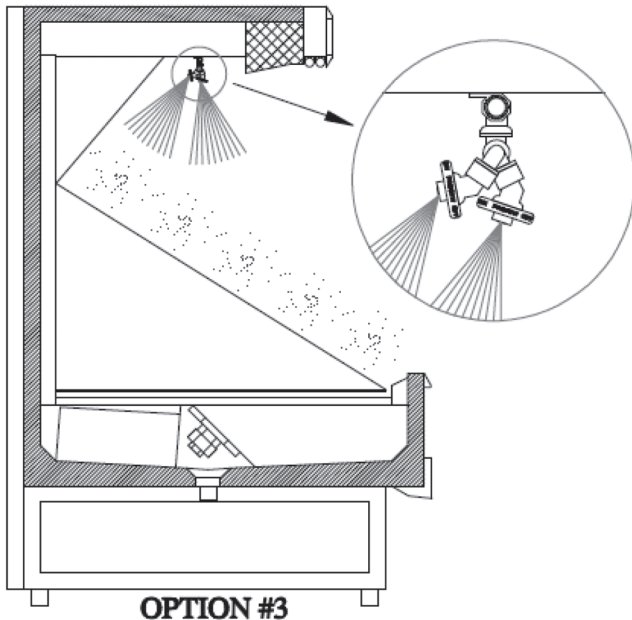
Track Mounting Options



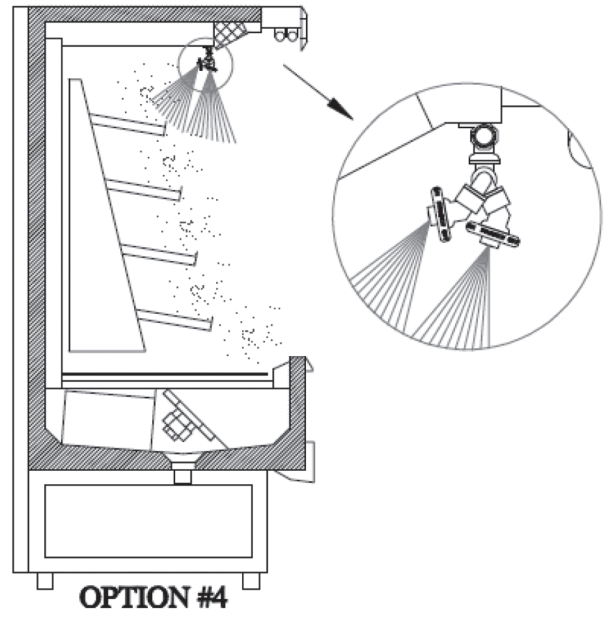
OPTION #1



OPTION #2



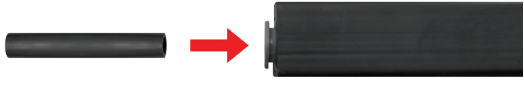

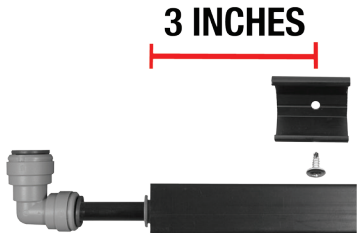

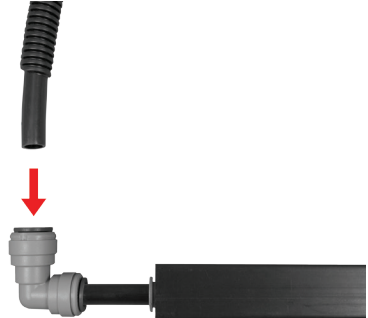
OPTION #3



OPTION #4

Mounting The Track

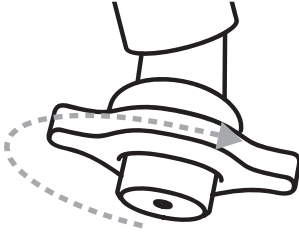
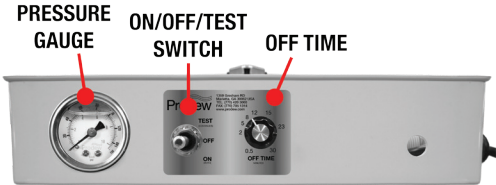
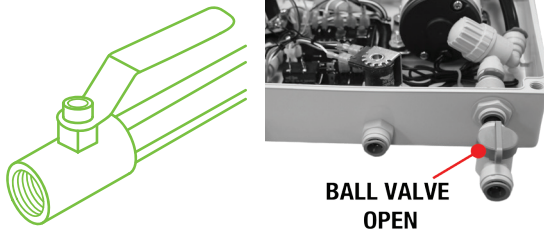
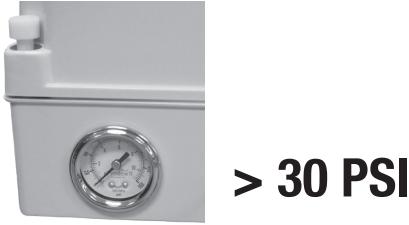

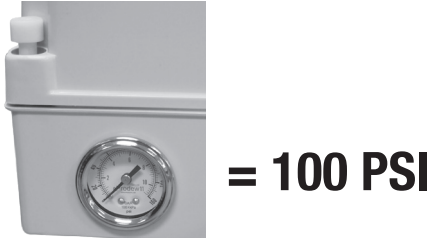
START MOUNTING THE TRACK FROM THE SIDE CLOSEST TO THE MISTING CONTROL UNIT

Instructions	Images
<p>STEP 1</p> <ul style="list-style-type: none"> • Locate the end feed and the 3/8in tubing. • Insert one end of the 3/8in tubing into the end feed. 	
<p>STEP 2</p> <ul style="list-style-type: none"> • Locate the reducing elbow. • Insert the unconnected end of the 3/8in tubing into the reducing elbow. 	
<p>STEP 3</p> <ul style="list-style-type: none"> • Locate the clips and the screws. • Screw in the clips into the case ceiling starting at 3in in from the end of the track, and then at 24in intervals. 	
<p>STEP 4</p> <ul style="list-style-type: none"> • Locate spray head. • Thread spray head into the track sections. • CAUTION: Do not over-tighten. 	
<p>STEP 5</p> <ul style="list-style-type: none"> • Insert the 1/2in tubing coming out of the 7/8in hole into the reducing elbow. 	


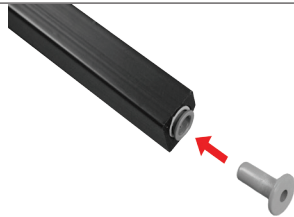

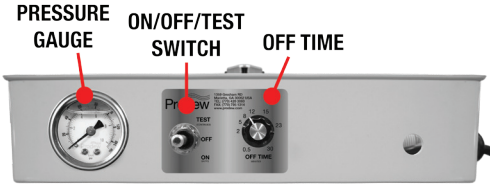
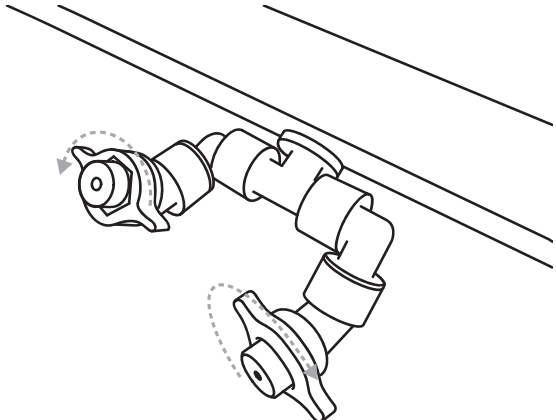
Mounting The Track (Continued)

Instructions	Images
<p>STEP 6</p> <ul style="list-style-type: none"> Use the stem connector to connect the mist track sections together. 	
<p>STEP 7</p> <ul style="list-style-type: none"> Starting from the water feed, twist the mist track into the clips. The mist track can be mounted into the clips with the heads facing forward or backwards. 	
<p>STEP 8</p> <ul style="list-style-type: none"> Repeat steps 6 and 7 until desired length is achieved. 	
<p>STEP 9</p> <ul style="list-style-type: none"> Ensure that all parts are connected properly and the screws are secured tightly into the case ceiling. DO NOT plug the end plug into the end of the mist track yet. Proceed to the Start-up Procedures first since you need to flush the lines. 	

Start-up Procedures

Instructions	Images
<p>STEP 1</p> <ul style="list-style-type: none"> • Close all of the spray heads by turning the wing nuts clockwise. • Opening a nozzle should only require one turn. Leaks will occur if the nozzles are too loose. 	
<p>STEP 2</p> <ul style="list-style-type: none"> • Flip the toggle switch to the OFF position. 	
<p>STEP 3</p> <ul style="list-style-type: none"> • Open the two water inlet ball valves (one on the city water line and the other on the control box) by turning the lever parallel to the ball valve. 	
<p>STEP 4</p> <ul style="list-style-type: none"> • Check to see if the line pressure on the pressure gauge is at least 30 PSI. If not, a plumber needs to adjust the incoming water pressure. 	
<p>STEP 5</p> <ul style="list-style-type: none"> • Plug the 24V transformer into the outlet. • The pump will start filling the 2 gallon pressurized expansion tank. It will take 2-5 minutes for the pump to fill the tank. Note: The pump runs even when the toggle switch is set to OFF. 	
<p>STEP 6</p> <ul style="list-style-type: none"> • Check the pressure gauge. When the pump stops, the gauge should read 100 PSI. (If the reading is incorrect you can adjust the pressure. See Pressure Gauge Troubleshooting pg. ?) 	

Start-up Procedures (Continued)

Instructions	Images
<p>STEP 7</p> <ul style="list-style-type: none"> • Connect a piece of 3/8in tubing to the end of the mist track and place the other end into a bucket or drain. • Flip the toggle switch to the ON position. • Let the system run for 30 seconds to flush the lines from any debris. • Once the lines have been flushed, turn the system off. 	
<p>STEP 8</p> <ul style="list-style-type: none"> • Disconnect the tubing from the mist track and insert the 3/8in stem plug. 	
<p>STEP 9</p> <ul style="list-style-type: none"> • Open the last nozzle on the opposite end of the water feed. This will bleed out air trapped in the line. 	
<p>STEP 10</p> <ul style="list-style-type: none"> • Flip the toggle switch to the TEST position and make sure there are no leaks at the fittings, joints, or nozzles. • When the water is flowing out, flip the toggle switch to the OFF position. 	
<p>STEP 11</p> <ul style="list-style-type: none"> • Flip the toggle switch to the ON position, which will run through auto cycle. 	
<p>STEP 12</p> <ul style="list-style-type: none"> • Check to see if the produce is being misted according to the mist timing. • If the coverage of produce is not proper, adjust the nozzle positions as needed. • If there is too much or too little mist, adjust the 'On Time' (see Timer Adjustment pg. 13). • If there is no product in the case, flip the toggle switch to the OFF position. • If product is present, flip the toggle switch to ON. 	

Timer Adjustment

- The recommended settings are preset at our manufacturing facility.
- ONLY change the settings if there is too much or too little mist.

Recommended Timer Settings

Settings	Time
MIST TIME (Amount of time the mist is being produced)	7 seconds
OFF TIME (Amount of time between misting cycles)	7 minutes
FLUSH TIME (This flushes the system and prevents dripping)	3 seconds

Steps to Set the Timer

Instructions	Images
<p>STEP 1</p> <ul style="list-style-type: none"> • Change the time between mist cycles by turning the OFF TIME knob on the front of the control box (ON TIME on some models). 	
<p>STEP 2</p> <ul style="list-style-type: none"> • To change the ON TIME (or FLUSH on some models), remove the mist box cover by unscrewing the 4 screws located at each corner of the box. 	
<p>STEP 3</p> <ul style="list-style-type: none"> • The ON TIME is set by rotating the blue screw marked “MIST” on the timer block (on some models). • The FLUSH time is set by rotating the blue screw marked “FLUSH” on the timer block (on some models). 	
<p>STEP 4</p> <ul style="list-style-type: none"> • Reattach the mist box cover by replacing the four screws located at each corner of the box. 	

Oasis System Warranty

At Prodew, we are dedicated to providing innovative designs and well-made products to fit our customers' individual needs. If the product you purchase from us does not perform to the design specifications, we ask for the opportunity to make it right.

If you are still not satisfied, we will make adjustments according to our Limited Warranty and Exclusion of Remedies Policy.

LIMITED WARRANTY AND EXCLUSION OF REMEDIES

Perishable control equipment and component parts distributed by Prodew, Inc., its suppliers and agents, as well as new material furnished hereunder, is warranted against any defect in materials or service in accordance with factory recommendations providing that a claim, therefore, is made in writing within the limit set forth as 365 days from the date of invoice for parts and 90 from the date of invoice for labor, and that either Prodew, Inc. or its Authorized Service Agency's examination, shall disclose to the Distributor's satisfaction to be thus defective. PRODEW INC.'S OBLIGATION ON ANY CLAIM IS LIMITED TO REPLACEMENT OR REPAIR OF THE DEFECT OR MATERIAL F.O.B. FACTORY.

Pretreatment may adversely affect the performance of Prodew, Inc.'s perishable control equipment. Prodew, Inc. takes no responsibility for damage resulting from unapproved pretreatment equipment and/or inappropriate maintenance of said equipment.

THERE ARE NO WARRANTIES, EXPRESSED OR IMPLIED, OF ANY NATURE WHATSOEVER, INCLUDING THE WARRANTY OF MERCHANTABILITY, EXCEPT AS SPECIFICALLY SET FORTH HEREIN.

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