

The MIRACLE X-JET Nozzle



THE X-JET NOZZLE IS THE FUTURE

This 4 inch stainless steel nozzle injects and proportions soaps, chemicals or liquids at high pressure or low pressure without going through your pump, hose, or gun. The X-JET nozzle projects chemicals or other liquids to vertical heights of 40 feet or more, depending on your pressure washer. It can be used with virtually any pressure washer, hot or cold, from 1000psi to 6000psi.



ORIGINAL X-JET includes; long range nozzle, low pressure soap nozzle, quick connect plug, 15 piece proportioner set, shut off ball valve, mushroom strainer and 12' of suction hose with hose barb attachment.



X-JET M5 works just like the Original X-Jet, but the close-range nozzle is replaced by a built-in adjustable nozzle that projects chemicals or other liquids to vertical heights up to 40 feet at a 0° setting or twist the end for 8ft. distance at a 60° fanned spray. Includes 15 proportioners, shut off ball valve, strainer and 12' of suction hose.

HERE ARE JUST A FEW OF THE AMAZING APPLICATIONS FOR THIS TOOL:

Wash and remove mold, dirt and mildew from houses, buildings, water tanks, silos, roof tops, and high structures without using ladders, scaffolding, or a telescoping wand.

Sterilization of housing areas for poultry, hog, cattle and other agricultural needs.

Caustic spraying that requires using strong and harsh chemicals that destroy pumps.

Dispensing proportion insecticides such as orchard and garden spraying.

Degreasing of heavy equipment using high pressure soaping without going through the pressure washer pump.

Users of the X-JET

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|------------------------------|---------------------------|
| Mobile pressure washers | Industrial companies |
| Restaurants | Butcher shops |
| Rental companies | Garages |
| Farmers | Painters |
| Shipyards | Homeowners |
| Poultry and swine operations | Heavy equipment operators |
| Hospitals | and the list goes on |
| Airport de-icing facilities | |



Rectangular, molded handle pail with a 4 inch screw top. The screw top has a brass barb installed. Just pop the X-JET hose onto the barb. There is a PVC tube that goes to the bottom of the pail and will draw all but 1/8 inch of chemical out. Just unscrew the top, fill the pail and screw the top on again. Now you have a totally enclosed X-JET system. No more spills. Holds 5 gallons.

1. Dramatically increase the life of the pump due to chemicals going thru the pump. Additionally, chemicals do not go through the hose, gun or lance. This increases the life of these items.
2. Saves as much as 50 to 70 percent in labor, and materials in high structure cleaning.
3. Proportions chemicals to eliminate chemical waste.
4. Decreases accidents by keeping the operator on the ground and the chemicals away from him, therefore reducing workman compensation claims.
5. The **X-JET NOZZLE** can be rebuilt for a fraction of the cost of the original tool.

Thank you for your purchase of the **X-JET NOZZLE**. You have purchased a revolutionary tool for your pressure washer. Please read the following instructions before using this revolutionary tool. If you have any questions after reading these instructions, please call your authorized distributor.

SAFETY ALWAYS COMES FIRST

****WARNING**** when using this nozzle always exercise basic safety precautions, including the following:

1. Use this tool only for its intended purpose.
2. The X-JET NOZZLE must be properly installed in accordance with the installation instructions provided.
3. This is a high pressure spraying system nozzle. Water under high pressure and chemicals under high pressure can cause severe injury if not properly used. To prevent injury, do not point the nozzle at any part of your body or at any other person when in operation. The pressure from your machine can cut skin and cause burns. Keep all persons away from the pressure washing machine and the spray area of the nozzle.
4. Do not attach the nozzle directly to your pressure washing gun. The nozzle is to be placed at the end of the pressure washing lance by using a quick connect. Make sure the nozzle is securely fastened to the quick connect before operation.
5. Wear eye protection whenever you use this tool.
6. Do not climb on ladders when using this tool.
7. Follow all chemicals instructions and precautions before injecting it trough into this tool.
8. Do not disconnect tool while pressure washer is in operation.
9. Periodically clear any debris from the orifice of the nozzle.
10. Hand tighten the close range nozzle on the original X-JET NOZZLE to ensure a tight fit. Check frequently to prevent it from becoming a flying hazard. *(The M5 X-jet does not come with a close range nozzle as it has a variable nozzle.)
11. If water should stop flowing from the nozzle, turn unit off immediately. Make sure all pressure is off of the pressure washing hose and gun before you disconnect the X-JET NOZZLE. Check the nozzle for debris.
12. Keep hands away from the nozzle while in use.
13. Always follow OSHA regulations when using a pressure washer.
14. Always use genuine X-JET parts for replacement.

CLOSE RANGE NOZZLE

Included in your kit is the **CLOSE RANGE NOZZLE**. This is a very important tool that will save you much time. Attaching the **CLOSE RANGE NOZZLE** to the end of the original X-JET NOZZLE enables you to shorten the spray pattern so you can wash objects up close, such as hand rails on porches, decks, or overhead ceilings just to name a few. The close range nozzle does not affect the flow of water or chemical through the X-JET NOZZLE.

INSTRUCTIONS

ORIGINAL X-JET: Hand tighten the **CLOSE RANGE NOZZLE**.
(Note: periodically check that the close range nozzle is tight to ensure it will not come off causing any damage.)



X-JET M5: Works just like the Original X-Jet but the close range nozzle is replaced by a built in adjustable nozzle that projects chemicals or other liquids to vertical heights up to 40 feet at 0-60 degree spray pattern with just a twist.



The MIRACLE X-JET Nozzle!



INSTRUCTIONS: Check to see if all items to the **X-JET NOZZLE** kit are included.

1. **The MIRACLE X-JET NOZZLE** (either the M5 or original).
2. Approximately 15 feet of hose and filter.
3. Pack of 15 Colored Proportioners and Chemical Mixture Chart.
4. Close Range Nozzle (original only, the M5 has an adjustable nozzle attached to it).
5. Shut-Off Valve with Viton Seals.

****You will need a 1/4 inch female quick connect enable your X-JET NOZZLE (this will be on the end of your lance).****

<p><u>Step 1</u> Install a 1/4 inch quick connect socket at the end of your pressure washing lance if you do not already have one.</p>		
<p><u>Step 2</u> Insert the X-JET NOZZLE into the 1/4 inch quick connect socket at the end of your lance.</p>		
<p><u>Step 3</u> Take the 3/8 inch reinforced hose with the filter screen and push the open end of the hose onto the brass hose barb going into the side of the X-JET NOZZLE which is now located at the end of your lance</p>		
<p><u>Step 4</u> Put the end of the 3/8 inch reinforced hose with filter screen into your container of chemicals. Take note that there is a grey shut off valve 3 feet from the beginning of the reinforced hose. Make sure that it is in the off position before you begin using the tool.</p>		
<p><u>Step 5</u> With the pressure washer on, you can now apply chemicals by turning the grey shut off valve to the on position. (use the enclosed sheet titled, TIPS FOR WASHING HOUSES AND OTHER MILDEWED BUILDINGS as a guide in your first trial run in making up your chemicals for washing.</p>		

Included in your kit is a package of different colored proportioners . These proportioners are used to meter chemicals. They are used when using concentrated solutions of chemicals. Your **X-JET NOZZLE** is ready to us now for washing houses, buildings, and other structures that have dirt and mildew on them. We suggest you start using the nozzle without the proportioners on your first wash. After you get the feel for the nozzle, the proportioners can save you time and chemicals.

INSTRUCTIONS; Insert the colored proportioner into the end of the brass barb that is on the side of the X-JET NOZZLE. Make sure you slide the proportioner inside the barb approximately 1/4 to 3/8 inch to where it is snug.



X-JET PROPORTIONER CHART (WATER TO CHEMICAL MIXTURE)

<u>COLOR</u>	<u>2 GPM</u>	<u>3 GPM</u>	<u>4 GPM</u>	<u>5 GPM</u>	<u>6 GPM</u>	<u>8 GPM</u>
OPEN	.8-1	1.2-1	1.6-1	2-1	2.4-1	3-1
GREY	1.4-1	2-1	2.5-1	3-1	4-1	4.9-1
BLACK	3-1	4-1	5-1	6.5-1	8-1	11-1
BEIGE****	6-1	8-1	10-1	13-1	16-1	20-1
RED****	9-1	12-1	16-1	20-1	24-1	28-1
WHITE	16-1	22-1	30-1	38-1	45-1	51-1
BLUE	20-1	27-1	37-1	46-1	55-1	61-1
TAN(MED)	28-1	38-1	50-1	64-1	77-1	85-1
GREEN	31-1	42-1	57-1	70-1	85-1	90-1
ORANGE	35-1	48-1	64-1	80-1	96-1	102-1
BROWN	48-1	66-1	88-1	110-1	133-1	145-1
YELLOW	70-1	96-1	128-1	158-1	191-1	215-1
AQUA	94-1	128-1	170-1	215-1	257-1	284-1
PURPLE	146-1	200-1	240-1	300-1	400-1	501-1
PINK	280-1	383-1	500-1	480-1	766-1	906-1

****These are the proportioners that are used frequently when applying House Wash or 12.5% chlorine with no water added to chemical.

NOTE: THESE ARE APPROXIMATE RATIOS. RATIOS CAN VARY DEPENDING ON THE MANUFACTURE OF THE PRESSURE WASHER AND ALSO AT DIFFERENT SEA LEVELS. IF PRECISE MEASURING IS REQUIRED, PLEASE TEST THE EQUIPMENT TO FIND THE BEST RATIO FOR YOUR APPLICATION.



TIPS FOR WASHING HOUSES AND OTHER MILDEWED BUILDINGS

YOUR NEW X-JET NOZZLES IS PACKAGED AND READY TO USE FOR WASHING HOUSES AND BUILDINGS THAT ARE MILDEWED, MOLDED, AND DIRTY. THE ONLY ITEM YOU MUST HAVE IS A 1/4" QUICK CONNECT SOCKET AT THE END OF YOUR LANCE.

ENCLOSED WITH THE NOZZLE IS A PACKAGE OF COLORED PROPORTION TIPS. THESE ARE TO BE USED WHEN YOU WANT TO PROPORTION CHEMICALS SUCH AS HOUSE WASH, INSECTICIDES, PESTICIDES, LIQUID FERTILIZER, OR OTHER CHEMICALS THAT NEED EXACT PROPORTIONING. WE RECOMMEND THAT YOU BEGIN WASHING WITHOUT THE PROPORTION TIPS ON HOUSES IF YOU ARE WASHING WITH CHLORINE BLEACH AND SOAP. WE BASE THIS ON THE RECOMMENDATIONS OF OTHER CUSTOMERS USING THE X-JET NOZZLE.



RECIPE FOR WASHING A HOUSE

1. POUR TWO GALLONS OF BLEACH OR 1/2 GALLON OF XTERIOR HOUSE WASH INTO A 5 GALLON CONTAINER. (NOTE: THE XTERIOR HOUSE WASH IS A BETTER CLEANING SOLUTION BECAUSE OF THE CLEANING AGENTS IN THE PRODUCT, HOWEVER CLOROX BLEACH WITH SOAP WILL ALSO WORK. ADD 1/4 CUP OF DAWN OR JOY DETERGENT IF YOU ARE USING BLEACH. FILL THE REST OF THE 5 GALLON CONTAINER WITH WATER. THIS IS YOUR WASHING RECIPE.
2. YOU DO NOT HAVE TO USE THE PROPORTION TIPS ENCLOSED WITH YOU X-JET. THE STAINLESS STEEL ORIFICE THAT IS INSIDE OF YOUR NOZZLE IS PERFECT FOR WASHING HOUSES WITH THIS RECIPE.
3. USE YOUR X-JET NOZZLE TO WET DOWN ALL SHRUBS, FLOWERS, AND OTHER PLANTS CLOSE TO THE HOUSE. THE CLOSE RANGE NOZZLE (OPTIONAL ACCESSORY) WORKS GREAT IN WETTING DOWN PLANTS.
4. PLACE THE END OF THE HOSE WITH THE FILTER SCREEN DOWN INTO THE BUCKET OR CONTAINER YOU ARE USING FOR RECIPE. OR REMOVE THE FILTER AND ATTATCH THE HOSE TO XTERIORS ENCLOSED PAIL SYSTEM.
5. STAND BACK APPROXIMATELY 12 FEET FROM THE STRUCTURE YOU ARE CLEANING. OPEN THE CHEMICAL VALVE TO THE OPEN POSITION, BEGIN SPRAYING FROM THE TOP DOWN ON PAINTED SURFACES. IF YOU HAVE STAINED SIDING, IT IS BEST TO SPRAY FROM THE BOTTOM UP.
6. LET THE RECIPE STAY ON APPROXIMATELY 2 MINUTES BEFORE YOU BEGIN RINSING.
7. RINSE WITH THE SAME NOZZLE, RINSING THE WINDOWS FIRST SO THAT YOU WILL NOT HAVE ANY STREAKING. (NOTE: WASH SECTIONS OF THE HOUSE ONE AT A TIME TO ELIMINATE RECIPE DRYING ON THE WINDOW AND BOARDING WHICH CAN CAUSE STREAKING.)

YOU WILL FIND THAT IT WILL TAKE ABOUT 10 GALLONS OF BLEACH OR ONE GALLON OF XTERIOR HOUSE WASH TO CLEAN A 1800 SQ. FT. HOUSE, HOWEVER. THE TIME THAT YOU SAVE WILL BE WILL BE WORTH THE COST OF THE BLEACH.

THIS IS ONLY A RECOMMENDED RECIPE. CONDITIONS FOR CLEANING MAY DIFFER FOR EACH JOB. X-JET TECHNOLOGY ASSUMES NO LIABILITY IN CLEANING OR CHEMICAL APPLICATIONS WITH OR WITHOUT USING THE X-JET NOZZLE.