

DIY Misting kit



Misting kit;

External cooling system;

This kit includes: 6m pipe, 6 brass misting nozzles,

1 end plug, 1 adaptor 25mm with filter, 6 saddles for wall mounting;

Place this kit in your garden or along your patio,

connect to your garden hose, open your tap and enjoy the cool freshness.

Residential use only.





Complete Assembly & Maintenance Instruction Manual

Product Overview

Thankyou for purchasing the DIY Misting System Kit. This outdoor cooling system utilizes high-pressure resistant 3/8" poly tubing and tool-free compression push-fit connectors to deliver a fine, refreshing mist along garden spaces, patios, and pergolas.

Important Safety Warnings

Cold Water Only: Connect exclusively to cold outdoor tap water sources. Do not run hot water through lines.

Electrical Distance: Do not direct mist spray near electrical outlets, power lines, outdoor lighting, or appliances.

Residential Use: Intended for outdoor residential patio and garden cooling applications only.

1. PACKAGE COMPONENTS GLOSSARY



6M PE Misting Tube
(A) 3/8" Compression Hose

QTY: 1



Tap Adaptor
(B) 3/4"(19mm)Filter Thread

QTY: 1



Misting Tees
(C) Push-Fit Tee Connectors

QTY: 5



Misting End Elbow
(D) Line End Plug Fitting

QTY: 1



Mounting Saddles
(E) Nail Wall Clamps

QTY: 6



Brass Nozzles
(F) Fine Atomizing Tips

QTY: 6

2. TECHNICAL SPECIFICATIONS

Specification	Details & Parameters
Tube Diameter / Material	3/8" High-Density Polyethylene (PE) Flex Tubing
Line Length Allocation	3.0m Lead Water Line + 3.0m Active Misting Line
Operating Water Pressure	Standard Residential Tap Pressure (30 - 70 PSI)

3. STEP-BY-STEP INSTALLATION GUIDE

1

Plan System Layout & Lead Line

Determine your patio or garden layout. Reserve the first 3 meters of PE tube as your lead line from the outdoor water tap to the start of the cooling zone. Ensure no sharp kinks occur along the path.

2

Cut Tube & Push-Fit Connectors

Using a sharp utility knife, cut the remaining 3 meters of hose into equal segments for your misting nozzles. Push each tube end firmly into the compression fittings (Tees and End Elbow) until fully seated.

3

Thread Brass Nozzles

Screw one Brass Misting Nozzle (F) hand-tight into the threaded socket of each Misting Tee (C) and the final Misting End Elbow (D). Do not over-tighten with pliers.

4

Attach Tap Adaptor & Filter Washer

Thread the 3/4" Tap Adaptor (B) on to your garden faucet. Verify that the mesh filter washer is inside the adaptor to catch sediment before it reaches the fine nozzle.

5

Mounting & System Testing

Secure the line along wooden beams or walls using the Nail Saddles (E). Turn on the water tap slowly to purge air from the line and verify fine mist operation across all 6 nozzles.

4. MAINTENANCE & WINTERIZATION

- **Filter Cleaning:** Inspect the tap adapter filter washer monthly. Rinse off accumulated sediment under running water.
- **Nozzle Descaling:** If a brass nozzle becomes clogged with mineral scale, unscrew it and soak in white vinegar for 30 minutes, then flush with water.
- **Winter Storage:** Before winter freezing temperatures, disconnect the tap adapter, drain all standing water from the PE tube, and store the assembly indoors.

5. TROUBLESHOOTING GUIDE

Symptom	Probable Cause	Corrective Action
No mist / Low mist flow	Clogged mesh filter or low pressure	Rinse tap filter; ensure water tap is fully open.
Uneven water dripping	Mineral buildup in brass tip	Unscrew nozzle and soak in scale remover or vinegar.
Tubing slips out	Incomplete push insertion	Firmly push tubing into compression fitting until it stops.

DIY OUTDOOR MISTING KIT

SETUP & ASSEMBLY GUIDE

SECTION 1: KIT COMPONENTS

6M Misting Tube



Tap Adapter



Misting Tees



x5

End Plug / Elbow



x1

Brass Misting Nozzles

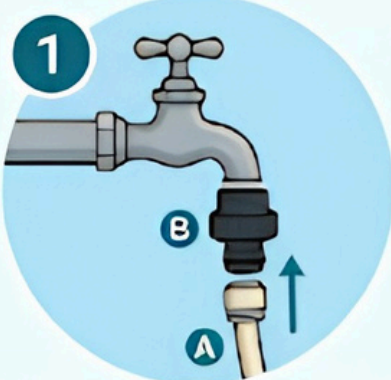


x6



Mounting Saddles

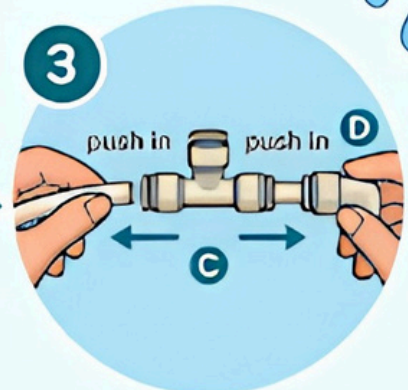
SECTION 2: STEP-BY-STEP INSTALLATION



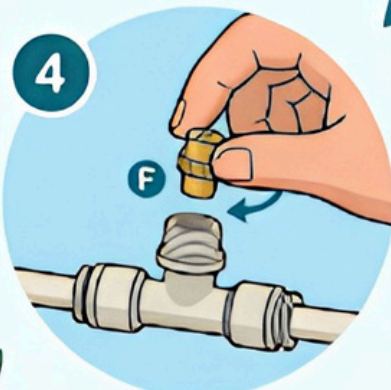
CONNECT TO TAP



MEASURE & CUT



ASSEMBLE TEES



INSERT NOZZLES



MOUNT TO PATIO



TURN ON & TEST