

Parts List

Quantity	Item
1	MSM0304 Nozzle (available at www.MakeSnow.Net)
2	MSM 0204 Nozzles (available at www.MakeSnow.Net)
1	¼" NPT male thread Compressed Air Quick Connect
1	22mm to ¼" NPT fitting (available at www.MakeSnow.Net)
1	¼" NPT Street Elbow – 90 degrees (rated to at least 2000psi)
3	¼" NPT Female T- fittings (rated to at least 2000psi)
1	¼" NPT Female gate valve (rated to at least 2000 psi)
3	¼" close nipple fittings (rated to at least 2000psi)
1	Roll of Teflon Tape
	Stand – ensure that the snow gun is at least 4 feet from the ground.

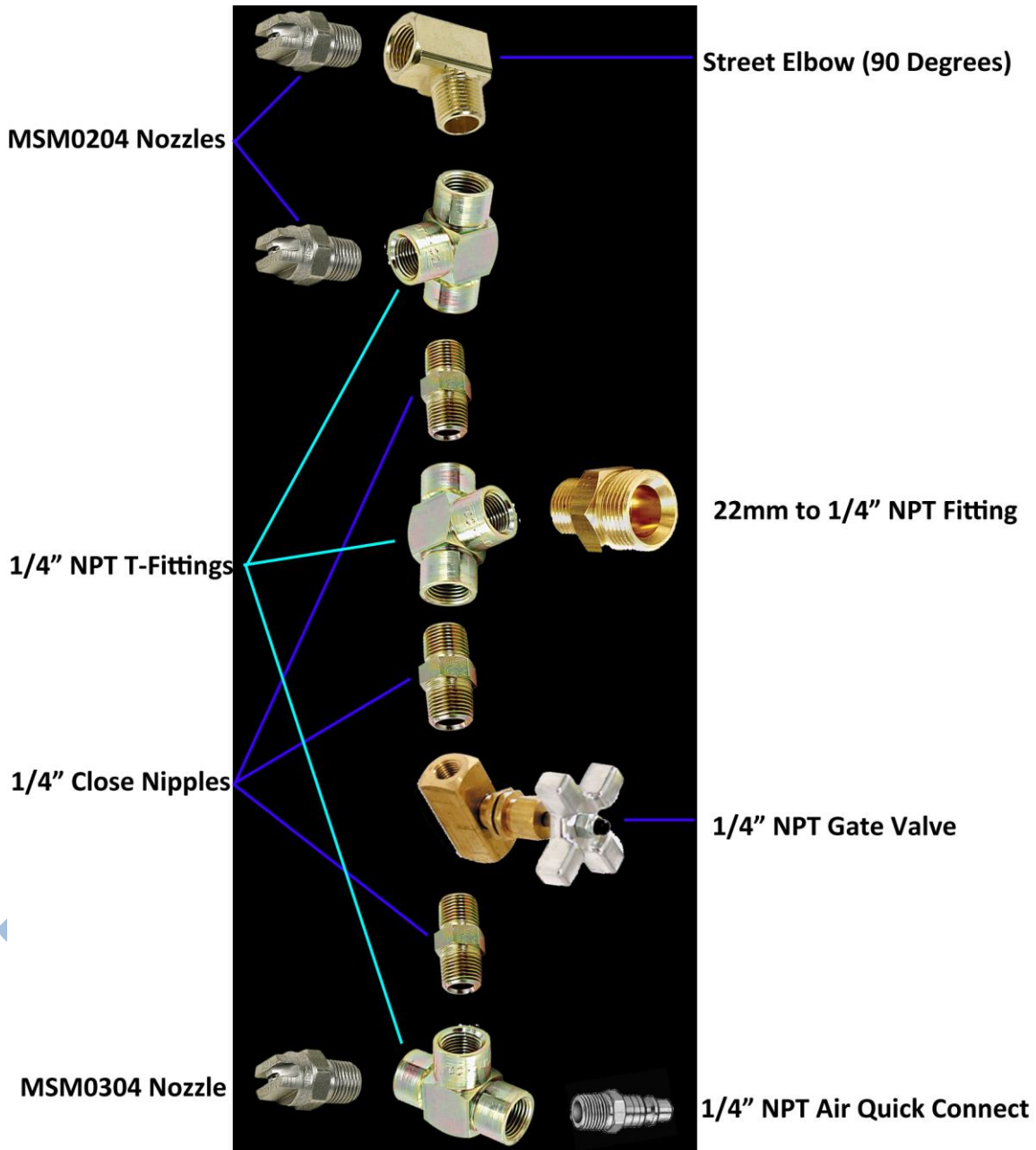
Assembly

Connect the parts together as follows. Always put at least three layers of Teflon tape on the male threads before attaching the fittings together, including the threads on the nozzles. Refer to the Diagram on the last page for details.

- 1) Attach the *Street Elbow* to the end of one *T-Fitting*
- 2) Take a second *T-Fitting* and attach the *22mm to ¼" NPT Fitting* in the perpendicular outlet of the *T-Fitting* (that is, if you were to place the *T-fitting* so it looked like a T, you would be attaching the *22mm to ¼" NPT Fitting* to the bottom)
- 3) Attach one *¼" Close Nipple Fitting* to each outlet of the *Gate Valve*.
- 4) Attach the *Compressed Air Quick Connect Fitting* to the third *T Fitting*
- 5) Now Attach the part that you made in step 1 and attach it with a *¼" close nipple fitting* to the part from step 2
- 6) Attach the part from step 5 to the part from step 3
- 7) Attach the part resulting from step 6 to the part from step 4 so that the *T fitting* from step 4 is on the bottom of the piece.
- 8) Now install the nozzles in the three remaining open threads. The *MSM0204 nozzles* go in the *Street Elbow* and the *MSM0304 nozzle* goes in the *T fitting* from step 4

Dealing with high pressure water and air is dangerous, never point water towards people or pets, always use fittings rated for the pressures used. Wear eye and hearing protection at all times. Makesnow.net is not responsible for any damages or injury.

Diagram



Dealing with high pressure water and air is dangerous, never point water towards people or pets, always use fittings rated for the pressures used. Wear eye and hearing protection at all times. Makesnow.net is not responsible for any damages or injury.

Start Up Procedure

To start up your combo gun follow these steps, complete each step before you move on to the next step:

- 1) Check the wet bulb temperature so it is less than -1C or 30F (or the dry bulb temperature is below -2C or 28F)
- 2) Lay out your hoses where they will be during the run
- 3) Connect the water hose to the faucet.
- 4) Turn on the air compressor
- 5) Attach the end of the water hose to the snowgun
- 6) Attach the end of the air hose to the snowgun
- 7) Make sure the valves at the snowgun are all closed.
- 8) Connect the air hose to the air compressor
- 9) Turn on the water at the faucet
- 10) Turn on air at the gun (open valve completely)
- 11) Turn on the pressure washer.
- 12) Slowly turn the gate valve to let water come out the nucleation nozzle
- 13) When the water coming out the nozzle looks like fog it is good.
- 14) The nucleation nozzle should make snow on your glove about 18" (45cm) from the nozzle, if snow does not form, instead it's just water turn down the water at the gate valve.

Shut Down Procedure

To shut down your combo gun follow these steps.

- 1) Close all valves at the gun.
- 2) Turn off pressure washer
- 3) Turn off and disconnect the water hose at the faucet
- 4) Open both valves at the gun (to allow the air to blow out the water hose)
- 5) Turn off air compressor
- 6) Disconnect gun from hoses
- 7) Disconnect air hose from compressor
- 8) Store hoses, pressure washer, and gun in an area which will not allow them to freeze

Dealing with high pressure water and air is dangerous, never point water towards people or pets, always use fittings rated for the pressures used. Wear eye and hearing protection at all times. Makesnow.net is not responsible for any damages or injury.