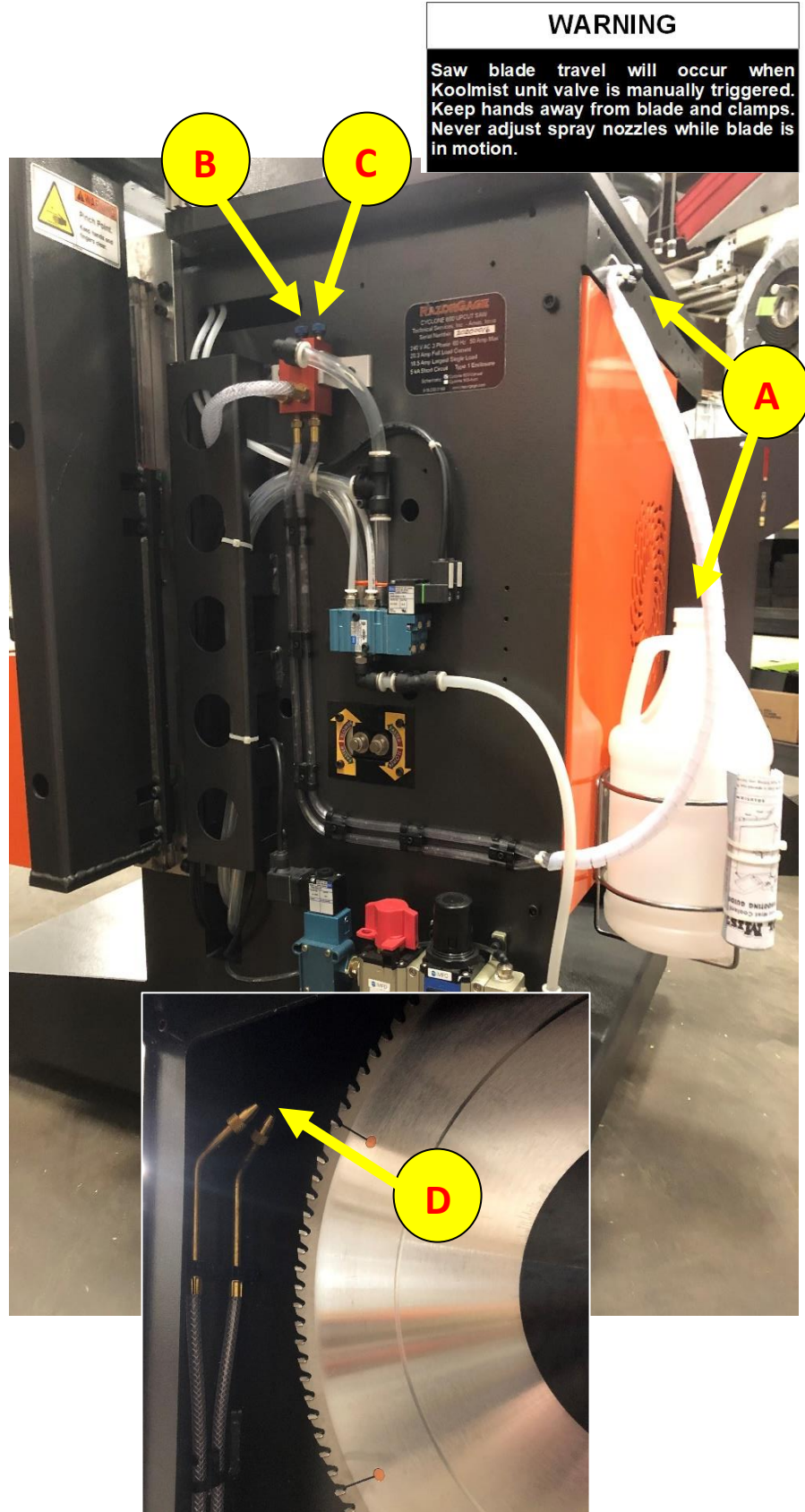


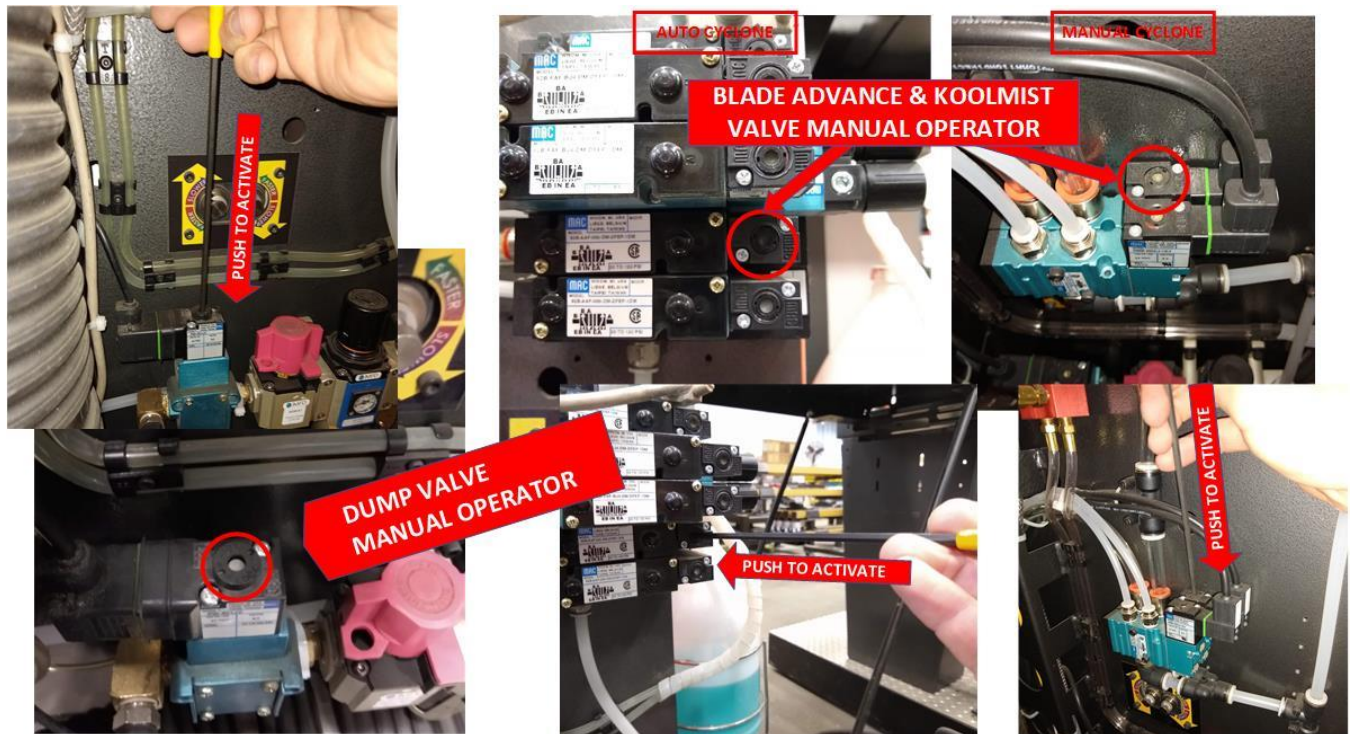
Cyclone 600 Aluminum Upcut Saw



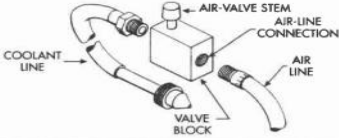
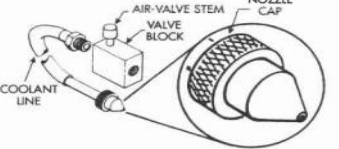
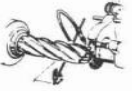





Checking for Proper Blade Lubrication Flow

When first starting up your Cyclone 600 Upcut Saw with blade lubrication, it is very important to properly start the flow of lubricating to the blade. To accomplish this, follow the following steps:

1. Mix the water with the Mist Coolant Concentrate to dilute at a ratio of 30:1. This is about 4 oz per gallon.
2. Insert the syphon tubes **(A)** into the bottle of fluid located on the left side of the saw.
3. Completely close both **(B & C)** valves. Then open both air valves by one full turn to allow the flow of fluid to the blade misting tips.
4. Remove the blade access cover.
5. Completely close both nozzle caps **(D)**. Then open both air nozzles tips ¼ turn.
6. Manually trigger the Koolmist lubrication unit. This is done by using a pointed tool to press and hold the manual operator on the dump valve. Next, **keeping clear of blade & clamps**, press the manual operator on the blade advance valve. This will advance the saw blade and cycle flow of fluid through the Koolmist lines, to the misting nozzles. Repeat several times until the flow of coolant reaches the blade.
7. Once you see fluid on the blade, you can adjust the air valves **(B & C)**, to control the amount of fluid that is being sprayed onto the surface of the blade.
8. You may also adjust the spray pattern of the nozzle caps **(D)**, simply by turning them. A clockwise turn will broaden the spray pattern and a counter clockwise turn will narrow the spray pattern.
9. Replace saw blade access cover.





<p>NOTE: All Koolmist Units are pre-set and tested at the factory before shipment. DO NOT disconnect lines and fittings from unit. See trouble shooting guide on reverse side for proper adjustment to unit.</p>	
<p>FILLING COOLANT TANK</p>	 <p>KOOLMIST FORMULA "78" KOOLMIST (COOLANT TANK)</p> <p>Using Kool Mist Corp's Formula "78" Mist Coolant Concentrate diluted with water at 30 to 1 ration. Recommended mixture is 4 ozs. of Formula "78" per 1 gallon of Coolant. NOTE: When using other than Formula "78" be sure to obtain proper mixing ratio with concentrate being used.</p>
<p>PLACEMENT OF COOLANT TANK</p>	 <p>KOOLMIST UNIT</p> <p>Coolant Tank should be placed below the nozzle delivery height. This will prevent siphoning of Coolant when not in use.</p>
<p>SETTING UP THE KOOLMIST COOLANT GENERATOR</p>	 <p>1. Connect air-line hose to valve block on Coolant Tank. 2. Recommended air pressures: Higher preferred On Models 80, 80S Series 60 to 125 psi On Models 100, 101, 112 & 350 Series 60 to 125 psi On Heavy Duty Models (400 Series) 80 to 125 psi</p>
<p>STARTING UP THE KOOLMIST UNIT</p>	 <p>1. Open Air-Valve approximately one full turn. 2. Close Nozzle Cap until snug at end of Coolant Line, then open Nozzle Cap about 1/4 turn until a fine pin-point spray develops. 3. Once spray is coming out of nozzle final adjustment can be made by turning either or both the Air-Valve knob & Nozzle Cap. 4. The best method of testing the mist spray is to direct the spray into the palm of your hand, and when the spray is frigid cold, it has been properly adjusted.</p>
<p>LOCATION OF NOZZLE FOR VARIOUS APPLICATIONS</p>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>TOOL AND CUTTER GRINDING With either carbide or high speed steel tools, mist should follow wheel rotation at point of contact with tool. Double mist outlets are recommended for heavier cuts. Tool life is increased -</p> </div> <div style="text-align: center;">  <p>TURNING Direct mist up into clearance crevice of tools. Use one mist outlet for each tool on multiple tool jobs. Permits heavier roughing cuts</p> </div> <div style="text-align: center;">  <p>END MILLING Direct mist at the point of contact between tool and work. Mist should follow tool rotation. When facing opposite sides of a slot, for maximum efficiency, use 2 mist outlets. Chips slide freely along tool face and are blown away.</p> </div> <div style="text-align: center;">  <p>TAPPING Direct mist at center of hole with spray at slight angle to axis of tap. Very fine pin-point mist should be used on small holes #8, #10, etc. Slightly heavier mist should be used on larger holes. Use double mist units on 3/4" and 1" dia. holes.</p> </div> <div style="text-align: center;">  <p>SURFACE GRINDING Use one or two mist outlets. Spray in direction of rotation, favoring the corners of the wheel. Keep spray close to above contact point of wheel and work. Mist should be slightly wet.</p> </div> </div> <div style="margin-top: 10px;">  <p>BORING - ROTATING AND STATIONARY TOOL With rotating tool used through hole work pieces, direct mist in close from back of hole. Using No. 200 magnetic coarse bodies - stream can be useful.</p> </div>
