⚠ DANGER

Always depressurize the entire blasting system, disconnect all power sources and lockout/ tagout all components before any maintenance or troubleshooting is attempted. Failure to avoid the above dangers will cause electrical shock and inadvertent activation of equipment resulting in death or serious injury.

⚠ DANGER

Breathing dust containing silica will cause silicosis, a fatal lung disease. Breathing dust during blasting operations will cause asbestosis, lead poisoning and/or other serious or fatal diseases. A NIOSH-approved, well-maintained, supplied-air abrasive blasting respirator must be used by anyone blasting, anyone handling or using the abrasive and anyone in the area of the dust. Harmful dust containing toxic material from abrasives or surfaces being blasted can remain suspended in the air for long periods of time after blasting has ceased. Failure to avoid the above danger will result in death or serious injury.

⚠ DANGER

Never weld, grind or drill on the blast machine (or any pressure vessel). Doing so will void ASME certification as well as manufacturer's warranty. Welding, grinding or drilling on the blast machine (or any pressure vessel) will weaken the vessel causing it to burst. Failure to avoid the above danger will result in death or serious injury. (ASME Pressure Vessel Code, Section VIII, Division 1)

NOTICE

Apply thread sealant to all pipe threads to ensure an airtight seal.

NOTICE

Leave the airline filter petcock slightly open to allow for constant release of water from filter body.

Maintenance

Maintenance of the 800 CFM Large Capacity Coalescing Tank is limited to the daily cleaning and the immediate replacement of damaged or worn parts.

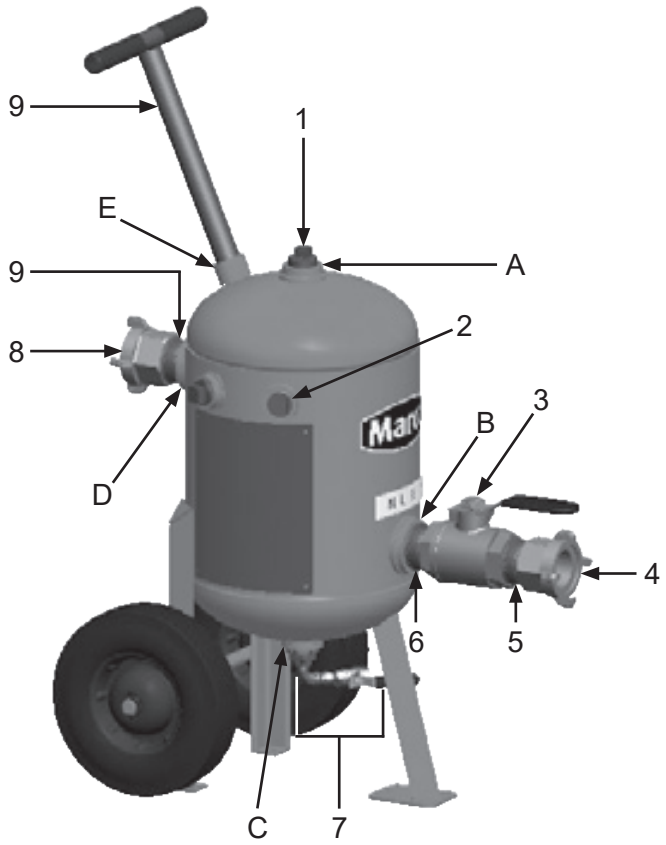
Assembly:

Note: 6-Outlet Portable model shown, assembly for 2-Outlet models is similar. For Stationary models, Wheels and Handle are not included.

Fig. 1

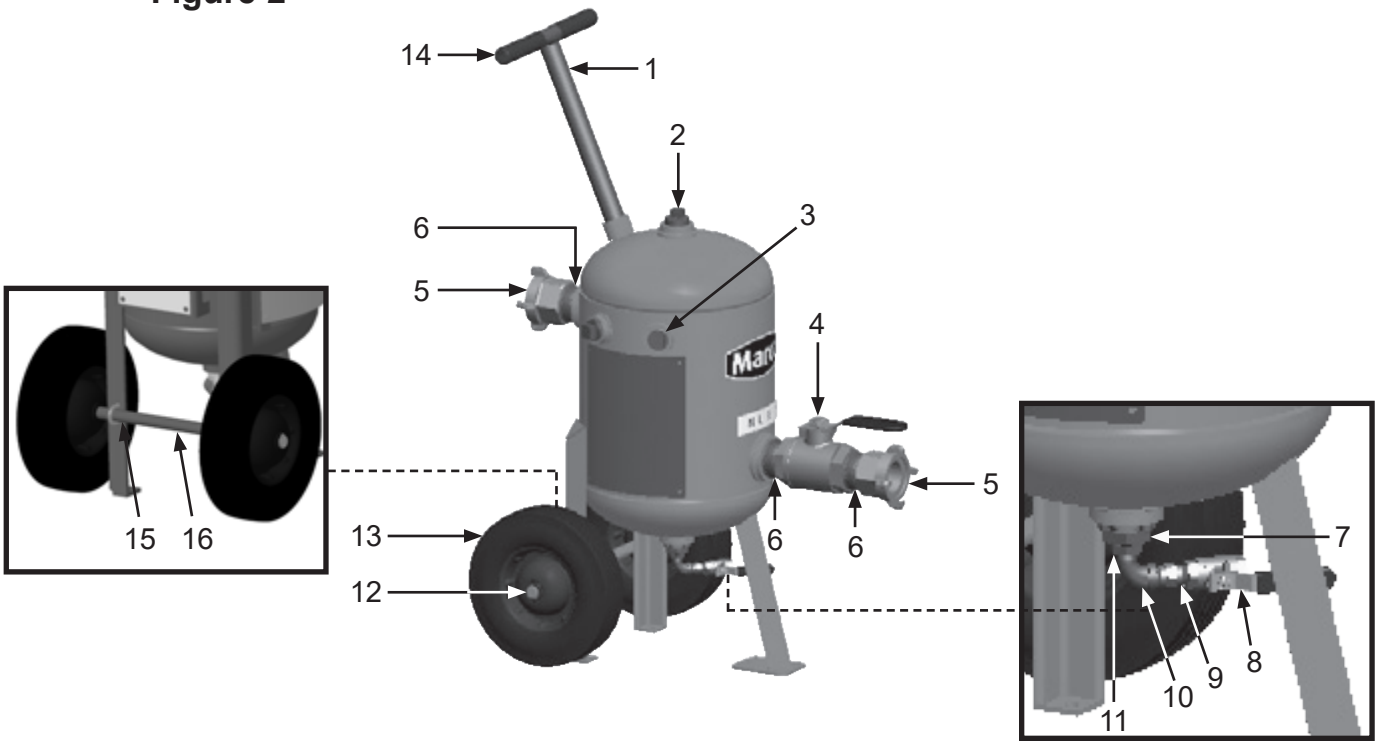
1) Install Ball Valve Assembly (7) in Port (C), located on bottom of vessel. Ensure Ball Valve is oriented toward the side for easy access.
2) Install 2” NPT Close Nipple (9) in Port (D). Tighten to hand tight.
3) Install 4-lug Air Hose Coupling (8) on 2” NPT Close Nipple (8) and tighten.
4) Install 2” NPT Close Nipple (6) in Port (C). Tighten to hand tight.
5) Install 2” NPT Full Port Ball Valve (3) on 2” NPT Close Nipple (6). Tighten to hand tight.
6) Insall 2” NPT Close Nipple (5) in 2” NPT Full Port Ball Valve (3). Tighten to hand tight.
7) Install 4-lug Air Hose Coupling (4) on 2” NPT Close Nipple (5) and tighten.
8) Install 1-1/4” NPT Pipe Plug (1) in Port (A) and tighten.
9) For Portable models, Install Handle (7) in Port (E) and tighten.
10) For 6-Outlet models, install four 1” NPT Pipe Plugs (2) into four ports on side of vessel.

Figure 1



Schematics

Figure 2



Item#	Part#	Description
Fig. 2		
—	10102088	800 CFM Large Capacity Coalescing Tank - 2-Outlet - Portable
—	10102089	800 CFM Large Capacity Coalescing Tank - 2-Outlet - Stationary
—	1011767	800 CFM Large Capacity Coalescing Tank - 6-Outlet - Portable
—	1011768	800 CFM Large Capacity Coalescing Tank - 6-Outlet - Stationary
1	1011765	Tee Handle with Grips *(for Portable models only)*
2	1011902	1-1/4” NPT Square Head Pipe Plug
3	1011901	1” NPT Pipe Plug *(4 required for 6-Outlet models only)*
4	1011604	2” NPT Full Port Ball Valve *(2 required)*
5	10ME5	4-lug Air Hose Coupling – 2” NPT (F) *(2 required)*
6	1001806	2” NPT Close Nipple *(3 required)*
7	1011820	1-1/4” (M) NPT X 1/2” (F) NPT Bushing
8	1080050	1/4” Brass Full Port Ball Valve
9	1017019	1/4” NPT Hex Nipple
10	1011824	1/4” 90 Degree Street Elbow
11	1011818	1/2” (M) NPT X 1/4” (F) NPT Bushing
12	1006211	Wheel Clip *(2 required for Portable models only)*
13	1006067	10” Wheel *(2 required for Portable models only)*
14	1011766	Grip for Tee Handle *(for Portable models only)*
15	10101813	1/4”-20 x 3/4” ID U-bolt with nuts *(for Portable models only)*
16	10109428	3/4” OD Axle *(for Portable models only)*
—	1091048	Sticker - INLET
—	1091049	Sticker - OUTLET

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