

COCOON

SPRAYABLE VINYL PLASTIC COATINGS

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RECOMMENDED SPRAY EQUIPMENT FOR COCOON COATINGS

1. Five (5) gallon Binks 183G-520 dual regulator pressure tank, two point eight (2.8 ga) Binks 83C-220 dual regulator pressure tank. Size of equipment depends on job conditions. Separate regulators for air and fluid are necessary. Shutoff valves for air intake as well as atomizing air and fluid to the spray gun are also recommended.
2. Oil and water separator (75 CFM capacity) coupled with Chicago fittings both ends.
3. Spray Gun:
Binks 2100 Gun 66SS-L/Air Nozzle (Binks 2100-4300-0)
66SS Fluid Tip and 63PB Air Nozzle for Coating (Binks 46-6002)
66SS Fluid Tip and 63P Air Nozzle for Webbing (Binks 46-6000)
4. Air hose to spray gun: 3/8" I.D., coupled 1/4" female both ends. Binks 71-12000 (connections ASMx3/8 = Binks 72-1325)
Fluid hose to spray gun: 1/2" I.D. Solvent Resistant, coupled 3/8" female both ends. Binks 71-283. ACCEPT NO SUBSTITUTIONS FOR 1/2" I.D. SIZE. Connections ASMx1/2 = Binks 72-1333.
5. Air hose from oil and water extractor to pump or tank: 1/2" I.D. minimum. Chicago fittings on both ends.
6. Agitator for mixing COCOON:
Five (5) gallon can size: 2 AM air motor (direct drive), 16" shaft, 5/8" diameter. Can use 3/8" air drill (2,000 rpm or more) with 15" Jiffy Mixer.

Equipment Suppliers: Binks Equipment is manufactured by Graco Inc. Contact www.graco.com. Recommended distributor for Graco equipment is Foampak, Inc., 888-458-2928.

7. Super Vac Model P164 Smoke Ejector (5,200 CFM) ventilating fans by Super Vacuum Manufacturing Co., Inc., Loveland, CO **Explosion proof ventilation is absolutely necessary for all interior applications of COCOON coatings.**
8. Air compressor requirements are predicated upon the air consumption in cubic feet per minute of the equipment being used (agitators, pumps, spray guns, etc.). Each spray gun will consume 23.5 CFM at 80 psi; this is the major requirement.

An air compressor capable of delivering 85 CFM is considered the minimum required for applying COCOON coatings. Compressor hose should be a minimum of ¾" I.D. from the compressor to the water-oil extractor located between the compressor and the pump or tank to alleviate loss of air pressure (pressure drop).

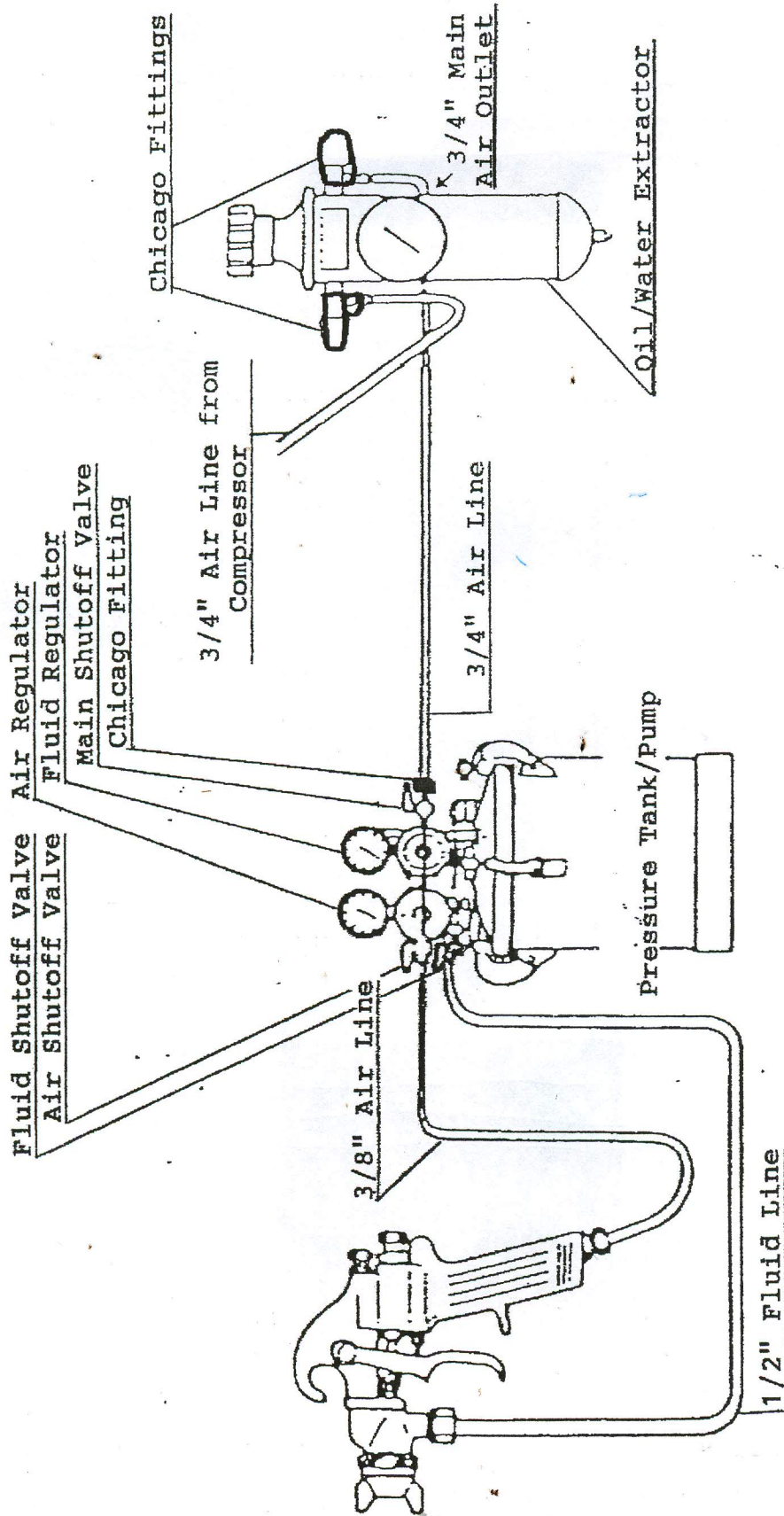
The water-oil extractor will function more effectively the farther from the compressor it is placed. It should never be closer than 25 feet from the compressor.

Snap-on connections, other than Chicago connections on the ¾" compressor hose, are not recommended as they cause restrictions in the air lines.

9. Quality Control Instruments: All Q.C. instruments including wet mil thickness gauges, temperature/humidity/dew-point metering, etc., are available from Gardco Testing Instruments, www.gardco.com.

DIAGRAM FOR SPRAY EQUIPMENT

USING PRESSURE TANK OR CAN / DRUM PUMP



PRESSURE FEED HOOKUP

For portable COCOON application operations. Dual regulated, air and fluid. Air pressure for atomization and fluid supply is regulated by individual regulators on equipment.

Two or three guns can run from the same equipment by use of manifolds for air and fluid lines.