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***E-Z DRUM™ SYSTEM***

Hydrazine is widely used as an oxygen scavenger in boiler water applications. It is also used as an intermediate in the synthesis of agrochemical and pharmaceutical intermediates as well as in urethanes, metals' reductions and miscellaneous other reactions.

Like any other chemical, hydrazine should be handled with care. In order to make hydrazine handling safer and easier, Arch offers the 55 gallon polyethylene *E-Z Drum™* \* System. This system virtually eliminates worker exposure to hydrazine vapor.

*E-Z Drum™* consists of a special, non returnable drum equipped with a factory installed dip tube and a unique dispensing head attachment designed to minimize exposure to hydrazine. Arch sells the head attachment as well as the tubing and the rest of the necessary equipment indicated in the diagram below. The dispensing head may be purchased alone for use with the customer's system. Although first designed for use with Scavox ®\* hydrazine solutions in boiler water applications, this closed handling system is suited for all process and manufacturing operations involving hydrazine transfers.

**Available Products:**

64% Hydrazine  
54.4% Hydrazine  
SCAV-OX® 35% Hydrazine Solution  
SCAV-OX® II 35% Hydrazine Solution  
SCAV-OX® LO 15.5% Hydrazine Solution

**Available Package Size:**

55 Gallon (460 LB) Drum

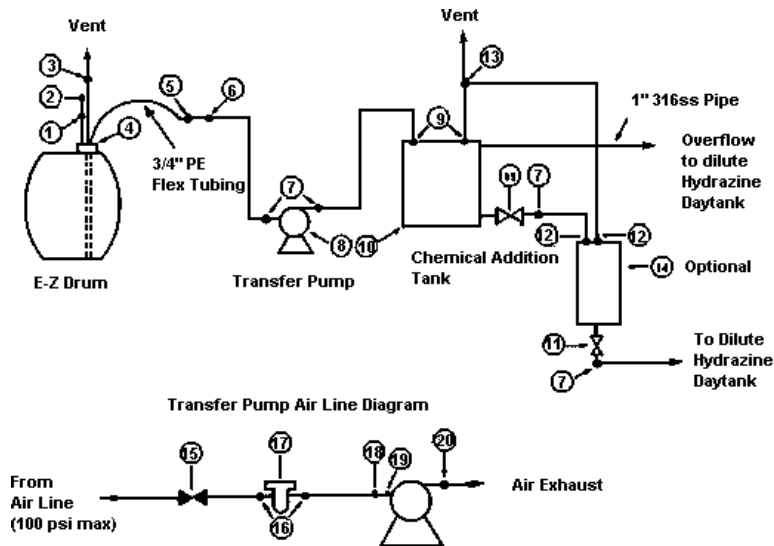
**Operation:**

To connect the drum just remove the dip tube's protective cap, align the dispensing head and tighten. Connect the tubing outlet of the dispensing head to the suction of the self-priming pump and you're ready to transfer hydrazine. When the drum is empty disconnect the dispensing head and reconnect to a full drum. A check valve in the product line helps prevent hydrazine drips while switching drums. The system is simple and effective. As always, appropriate personnel protection equipment must be worn when handling hydrazine. Consult Arch's MSDS and product literature for complete handling information.

**Applications:**

Have you been sacrificing hydrazine's proven performance and economy as an oxygen scavenger and metal passivator because of handling concerns? If so, the *E-Z Drum™* System is for you. It provides a closed handling system designed to virtually eliminate personnel exposure to hydrazine during transfer operations. Although designed primarily for boiler water treatment applications, the system is also suited for all process and manufacturing operations involving hydrazine transfers.

## Diagram of EZ Drum™ System



Note: All piping is 1/2" 316ss tubing except where specified

## E-Z Drum™ Parts List

Item No.	Description
EZD-1	1/4" x 1/4" FTP PP Connector
EZD-2	1/4" MPT 316ss Hex Head Plug
EZD-3	1/2" x 1/2" PP Union
EZD-4	Drum Dispensing Head
EZD-5	3/4" x 1/2" MPT PP Connector
EZD-6	1/2" x 1/2" FPT PP Connector
EZD-7	1/2" x 1/2" MPT 316ss Connector
EZD-8	Air Operated PP Pump with Muffler
EZD-9	1/2" x 1/2" 316ss Bulkhead Unions
EZD-10	5 Gal PE Graduated Chemical Addition Tank w Cover
EZD-11	1/2" PE Globe Valve
EZD-12	1/2" x 1/2" FPT 316ss Connector
EZD-13	1/2" Union Tee 316ss Connector
EZD-14	1000 ml Graduated Cylinder
EZD-15	1/2" Brass Needle Valve w/tube Connector
EZD-16	1/2" x 1/2" MPT Brass Connector
EZD-17	1/2" Air Operated Oil Lubricator
EZD-18	1/2" x 3/8" MPT Brass Connector
EZD-19	3/8" x 1/4" Brass Reducing Adapter



## Technical Product Information

# Hydrazine

*Technical Bulletin*

For further information, please contact:

Marketing / Sales / Technical Service – (337) 430-4686

Please refer to the Material Safety Data Sheet (MSDS) for complete information on Storage and Handling, Toxicological Properties, Personal Protection, First Aid, Spill and Leak Procedures, and Waste Disposal. To order an MSDS, call your nearest Arch Chemicals sales office listed below or MSDS Control at (800) 511-MSDS. Before using or handling this product, the MSDS should be thoroughly reviewed.

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