

# SERV-OIL Reservoirs

## Metal container

# 473R, 477R, 479R Models

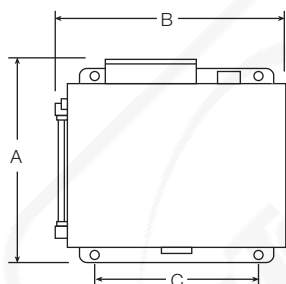
## Port Sizes: 3/4



Model Shown: M473R

Servo-Meters can be supplied with oil by pressure systems (**up to 30 psig**) or gravity systems, although gravity systems are generally preferred. Remote reservoirs should be connected to the bottom port of the **SERV-OIL** equipment with a minimum 5/16" I.D. line.

Stand-pipes should be installed from the top of the equipment and extend above the reservoir for gravity systems to prevent airlock of the Servo-Meters.



Sight domes are available to vent air from the system, and to confirm visually the presence of oil. Pressure-fill systems should be vented, or use low velocity recirculation of the oil supply.

Metal reservoirs in 1-gallon (3.8-liter), 5-gallon (18.9-liter), and 10-gallon (38-liter) capacities. Metal reservoirs have an internal oil filter, sight tube, and filter breather fill cap. All reservoirs have quick-fill fittings.

**Level Switches.** When the reservoir is located where the oil level cannot easily be determined visually, electrical oil level switches can be used. Both low-level and high-level switches are available except for 10-ounce reservoirs. The switches can be connected to a remote electrical control for automatic filling.

### NOTE

For most applications Master Pneumatic recommends a light spindle oil that is not chemically aggressive. (150-1200 ssu viscosity).

### RESERVOIR DIMENSIONS

Part No.	Capacity	Dimensions inches (mm)			
		A	B	C	Depth
473R	1 gallon (3.8 l)	9.9 (251)	10.9 (276)	8.0 (203)	6.1 (154)
477R	5 gallons (18.9 l)	17.9 (455)	14.9 (378)	12.0 (305)	6.1 (154)
479R	10 gallons (38-l)	25 (635)	16.9 (429)	13.5 (343)	7.1 (180)

### ORDERING INFORMATION

Change the letters in the sample model number below to specify the reservoir you want.

**47 3 R G W**

#### RESERVOIR SIZE

- 1 gallon (3.8 l), 102,000 drops ..... 3
- 5 gallons (19 l), 508,000 drops ..... 7
- 10 gallons (38 l), 1,020,000 drops .. 9

† One drop = 1/30 cc. Capacity in drops is at 90% of full capacity.

#### PORT TYPE

- 3/4 NPTF ..... Leave Blank
- 3/4 BSPP ..... W

#### OPTIONS

- None ..... Leave blank
- Low level switch ..... G
- High and low level switch ..... GG