

CROWN VERITY

INSTRUCTION MANUAL

MODEL RPS

REVISED DECEMBER, 2014



The Crown Verity Inc. model RPS is designed to supply propane gas to your MCB charbroiler(s). It offers the advantage of uninterrupted service, fewer fill-ups, and less cylinder changes.

The RPS system, when coupled with 50 lb. (or larger) cylinders, will provide uninterrupted, hassle-free fuel supply to any MCB(s) even in extremely cold weather. Crown Verity Inc. recommends the use of 50 lb. cylinder(s). Call Crown Verity or your local dealer for availability.

The maximum cylinder size allowable for use with the RPS or for connection to an MCB is 100 lbs. propane. The RPS is designed for, and is only to be used with, models MCB-36, MCB-48, MCB-60, and MCB-72.

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CYLINDER INSTALLATION (on the cart)

30, 40, & 50 lb. cylinders:

Install cylinder(s) tight to the back portion of the cart frame. Wrap the bottom chain around the cylinder(s) as tight as possible and secure the chain to the outer hook(s). Pull the middle chain through the openings in the cylinder collar(s) in a manner that does not interfere with the operation of the cylinder valve(s). Pull as tight as possible and secure to the outer hook(s). See diagram for details. The top chain can be used to restrain the RPS to a stationary object (i.e. a tree or post, etc).

60 & 100 lb. cylinders:

Install cylinder(s) tight to the back portion of the cart frame. Wrap the bottom chain around the cylinder(s) as tight as possible and secure the chain to the outer hook(s). Pull the top chain through the openings in the cylinder collar(s) in a manner that does not interfere with the operation of the cylinder valve(s). Pull as tight as possible and secure to the outer hook(s). See diagram for details. The middle chain can be used to restrain the RPS to a stationary object (i.e. a tree or post, etc.) or as a third cylinder restraining chain.

STABILIZER BAR INSTALLATION:

The stabilizer bars provided with your RPS cart must be installed whenever cylinders are on the cart and the RPS system is not being transported. Simply slide them all the way into the tubes at the bottom front and rear of the cart. This will prevent the cart from accidentally tipping. The stabilizer bars will store in the tubes located on the back of the cart for transportation on a vehicle. One of the bars can be used as a handle when pushing the cart. (see diagram for details)

RPS CART INSTALLATION

Any temporary gas system must be installed in accordance with local codes or, in the absence of local codes, ANSI/NFPA Storage and Handling of Liquid Petroleum Gases, or CAN/CGA B.149.2: Propane Installation Code.

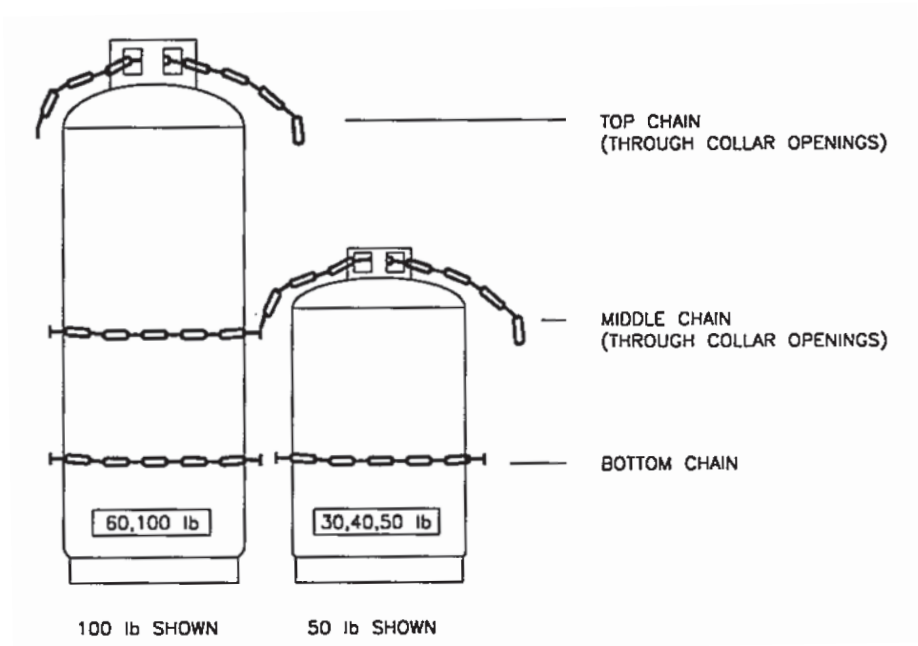
Consult your local propane distributor, fire prevention agency, exhibit officials (where applicable), etc., for installation requirements. Additional requirements, other than those listed in this manual, may be required in some circumstances. Recommendations in this manual are to be considered as the minimal requirements.

The RPS cart, with cylinders installed and connected for use with an MCB charbroiler, shall be located in a safe location, 10 feet from sources of ignition, the charbroiler itself, buildings, air intakes, or vehicles. Do not place the RPS indoors, near evacuation or emergency routes, or stairways, etc. The RPS and charbroiler in such a manner that affords protection for the hoses. Crown Verity Inc. recommends cordoning off the area with barricades, bright tape, or similar. Do not allow the hoses to be subjected to damage from trampling by pedestrians, vehicular movement, mechanical movement, etc. Whenever possible, it is recommended that the cart with cylinders be restrained to a stationary object (tree, post, etc) by means of a chain or rope. The stabilizer bars provided with the RPS must always be installed when the RPS is connected for use or whenever cylinders are installed and the RPS is not being transported. (see diagram for details)

For proper cylinder handling information, refer to the MCB owner's manual provided with your charbroiler.

If you have any questions, please feel free to call Crown Verity Inc. at 519-751-1800.

CYLINDER INSTALLATION



STABILIZER BARS/HANDLE INSTALLATION

