



An innovative solution to increase safety: ALTOP / MINITOP

- Non-removable, rugged composite top, protecting the fully-integrated valve and regulating device
- Check-valve on the outlet prevents a backflow of gas*
- Fast shut-off with the ON/OFF lever; perfect in urgent situations
- Regulator valve operation checked after each refill ensuring the equipment is safe and functional at each use
- Handle for safe and easy manipulation

*Altop only



ITEM NUMBER	SIZE	VOLUME ¹		CGA CONNECTION
		m ³	scf	
GAS-ACE2COP	2	0.28	10.10	200
GAS-ACE8COP / GAS-ACE8TCOP*	8	1.10	39.67	520
GAS-ACE8MINITOP	8	1.10	39.67	023
GAS-ACE14*	14	2.08	75.01	410
GAS-ACE23 / GAS-ACE23ALTOP	23	3.60 ²	129.83	410 / 023
GAS-ACE69 / GAS-ACE69ALTOP	69	10.30 ²	371.46	410 / 023

¹ m³ @ 15°C; scf @ 70°F / ² Typical volume; actual volume may vary /
* with tulip cap

In the presence of ignition or abnormal overheating of an acetylene cylinder, considering that it may explode at any time, the following measures must be taken:

- Move away from the affected cylinder.
- Never try to move the cylinder.
- Evacuate the premises immediately.
- Set up a safety perimeter.
- If necessary, ventilate the room if this can be done without endangering the operator(s), since acetylene leaks can result in an explosive atmosphere.
- Call the fire department. Remind the fire fighters of the risks incurred in the event of decomposition of the gas.

Acetylene

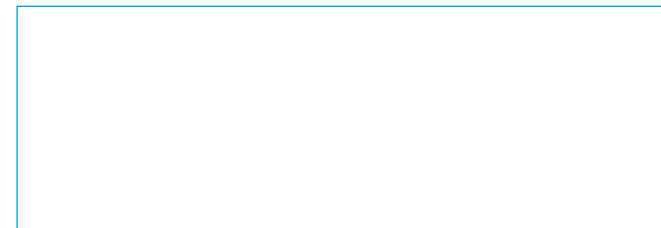
Best practices
Pocket guide



These summary recommendations are suggested in using acetylene cylinders.

Also available in 8-page brochure: 1140-262E

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www.airliquide.ca
1-800-817-7697

1 Best operating practices on the work site

Ventilate the work area



Secure cylinder on cart or wall mounting device




Test for leaks with leak detector solution




Never use a leaking cylinder




2 Best practices by the operator




Wear your personal safety protection




Safety gloves



Safety glasses or goggles




Protective clothing




Safety shoes


3 Best practices for equipment




Always use specialized **acetylene** equipment




Use Grade R or T hose that conforms to RMA standard IP-7



Use flashback arrestors with built-in check valves




Carefully check the connection between the regulator and the cylinder valve outlet



To connect your hoses to the regulators, **use a manual screw-type o-ring connector**


4 Best practices when operating equipment




Wipe cylinder connections with a clean, lint-free cloth



Open cylinder valves slowly and stand with the valve outlet pointing away from you




Never use a cylinder in the horizontal position





Withdrawal rate from a cylinder **should be limited to 1/7 of its nominal capacity** per hour to avoid solvent extraction. Manifold cylinders together where higher flowrates are required.


5 Best practices for storage and transportation





WARNING! Do not store or transport cylinders in vehicle trunks or any unventilated space.




Close cylinder valves. An acetylene cylinder is never completely empty. If heated, it could release sufficient acetylene to cause an explosion.



Dismantle equipment after use. Replace protective caps onto cylinders when not in use.



Do not leave cylinders in your vehicle or in unventilated locations.



Stow your cylinders securely, firmly attached in the vertical position. A cylinder lying in a vehicle trunk could become a dangerous projectile in the event of an impact or rollover.