

# CHEM BIO RESERVOIR X

Our fifth generation Chem Bio Reservoir (CBR X) is lightweight, durable, flexible, and provides taste-free fluids on demand. It is suitable for everyday use as well as CBR threat environments. **MEETS THE US ARMY'S STRINGENT REQUIREMENTS FOR A MULTI-PURPOSE PERSONAL HYDRATION SYSTEM.\***



Chem Bio Reservoir™ X

	CBR X with Extended Fill Port (EFP)
CAPACITY	100 oz [3 L]
DIMENSIONS	6.9 in x 18.2 in x 1.4 in (175 mm x 462 mm x 36 mm)
WEIGHT	empty // .87 lbs (394 g) filled // 7.48 lbs (3.39 kg)

## KEY FEATURES

- 3+ hours of hydration allows user to focus on the mission without the added danger of disconnecting to drink. Eliminates the hassle of refilling a much smaller canteen.
- Shelf life of at least 10 years, unopened, from point of delivery
- DuraFlex Barrier™ Technology resists penetration of live chemical and biological warfare agents in addition to common toxic industrial chemicals and materials.
- Meets the US Army's stringent requirements for a Multi-Purpose Personal Hydration System\* that can withstand the rigors of daily use, making it easier and safer to stay hydrated in a CBRN threat environment
- HydroGuard™ Technology inhibits the growth of bacteria on the reservoir and drink tube surfaces. Does not protect the user from bacteria or other disease-causing organisms.
- Enabled with the patented HydroLink™ Quick Disconnect System for seamless transition from an everyday hydration system to protective mask training to operational usage in a live agent environment. This unit is intended for use as an "everyday" system
- 100 oz [3 L] reservoir holds warm or cold fluid and fits inside any 100 oz [3 L] reservoir compartment on any CamelBak® hydration system and many other packs
- Kink-resistant drink tube and HydroLink™ components do not impart any taste or odor to fluids
- HydroLink™ components and gas mask adapters do not inhibit flow from reservoir or through protective masks
- Attaches to common Protective Mask fittings
- Exceeds USACHPPM TG 230/ TB MED 577 military water quality guidelines for exposure to GB, TGD, VX and HD chemical warfare agents for 6 hours (the US Army standard)
- Resists penetration of a comprehensive list of common TICs/TIMs
- Quick Disconnect at each end of drink tube allows simple and fast reservoir replacement
- Ergo Bite Valve Adapter configured with SKU 90796 makes hands-free drinking easier and exposes less tube

## DURABILITY – DESIGNED FOR THE MOST RUGGED USE

- HydroLink™ components can withstand a minimum 200 lb (90.7 kg) dynamic load (i.e. a 200 lb (90.7 kg) person stepping on an assembly with a combat boot)

\* This statement does not imply an endorsement by any DoD agency. Military Personnel are always encouraged to validate official approvals for use with their respective agencies. Contact CamelBak® for more details.

## MECHANICAL TESTING

The most durable reservoir available, with additional safety of chemical and biological protection.

- Elevation / Pressure: All seals, connection points and welds can withstand an internal pressure of greater than 4.5 psi (31 kPa) as well as rapid decompression without leaking
- Static Load: Full reservoir, HydroLink™ components and all adapters can withstand a 300 lb (136 kg) flat plate static load, even when disconnected
- Impact: Full reservoir, HydroLink™ components and all adapters can withstand a vertical drop of 10 feet (3.05 m)

## CHEMICAL AGENT TESTING

CamelBak® CBR X Reservoir in conjunction with a protective mask is designed to be fully operational in lethal gas environments. The system has been thoroughly tested at independent U.S. and international testing sites. Results available upon request.



## HYDROLINK™ ADAPTERS

CamelBak® manufactures adapters (Types S, A and M) to connect to the most used protective masks in the world.



## HYDROLINK HYDROLOCK™ VALVE

Provides secure, positive lever-action on/off with single handed operation.



## HYDROLINK™ EXIT PORT

Allows for tube cleaning and addition of HydroLink™ accessories.

## RESERVOIR

100 oz [3 L] CBR X Reservoir; 42 in (1067 mm) PureFlow™ Tube with chemically resistant outer layer; Bite Valve Cover; Big Bite™ Valve; Black HydroLink™ HydroLock™

## COLORS

 CBR X  
90796 - EFP

 CBR X - MOLLE  
90804 - EFP

## OPERATIONAL ENVIRONMENT

Built with rugged exposure in mind

- Operational temperature range: 32°F (0°C) to + 140°F (60°C)
- Full reservoir, tubing, HydroLink™ components and all adapters can withstand freezing temperatures



CBR X-MOLLE KIT - 100 oz (3L)  
SKU 90804




TYPE A ADAPTER  
SKU 90662



TYPE M ADAPTER  
SKU 90522



M.U.L.E.® CBR X - 100 oz (3L)

 AUC  
SKU 41113

 BLACK  
SKU 41114



THERMOBAK® 3L CBR X - 100 oz (3L)

 AUC  
SKU 41111

 BLACK  
SKU 41112



TYPE S ADAPTER  
SKU 90806

