



UNECON HAND TORCH

The Unecon Hand Torch is based on the popular Universal torch design. Both designs feature brass construction with chrome plating for the nozzle and the tubes. Red and green valve handles constructed of aluminum are standard on both with the mixing assembly internal to the torch. The difference between the Unecon and the Universal Torch is that the Unecon uses a dead lift lever coupled with a wooden handle. This lever will allow the gasses to flow freely when depressed and will shut off the flow when released. This helps to maximize the efficiency of the torch while retaining a certain valve setting. The wooden handle provides for operator comfort by utilizing an ergonomic design. The Unecon Hand Torch can be used with a mixture of natural gas, propane, or mixed gas and air or oxygen.

The Unecon Hand Torch is available with either a 1/4" Nozzle (1/4"-28M thread) or a 3/8" Nozzle (3/8"-32M thread). Both can be used with a mixture of either gas and oxygen or gas and air. The two nozzles are interchangeable. However, the two nozzles utilize different carburetors for mixing of the gasses. The 1/4" Nozzle uses the #74 Carburetor and the 3/8" Nozzle uses the #34 Carburetor. It is important to note that when changing the nozzle to a different size, the carburetor must also be changed.

CATALOG	DESCRIPTION
22A001-0000	Unecon Hand Torch
22A002-0000	Unecon Hand Torch
22A003-0000	Unecon Torch Hanger
22B009-0000	3/8" Nozzle
22B010-0000	1/4" Nozzle
22B013-0000	#74 Carburetor for use with 1/4" Nozzle
22B014-0000	#34 Carburetor for use with 3/8" Nozzle
22B022-0000	Seal Kit for 1/4" Nozzle
22B023-0000	Seal Kit for 3/8" Nozzle
22A033-0000	Green Stem Valve Assembly
22A034-0000	Red Stem Valve Assembly

The nozzles accept a wide range of tips that are available in a variety of materials. Many will attach to the hand torch with the threading on the nozzle. However, some may need an adapter. The Hanger has an eye on the tube for hanging the Unecon Hand Torch. There is also a pilot on the end that is adjustable via a pet cock valve. The Hanger clamps to the work bench with a vise assembly. On the base of the Unecon Torch Hanger are two hose adapters on either side. These are for connecting gas and oxygen through the Hanger which is necessary in order to feed the fuel gas to the pilot.

If your application requires a special design for the Unecon Hand Torch or its accessories, please contact your Carlisle sales representative to discuss your custom needs.

BULLETIN REFERENCES

Other Hand Torches- Bulletin 22B, 22C, 22D, 22E
 Custom Nozzles- Bulletin 22F
 Gas/Oxygen Tips- Bulletin 15A, 15B, 15D
 Gas/Air Tips- Bulletin 19C, 19D

The Unecon Hand Torch is a pre-mixed hand torch. As with any pre-mixed system, be sure to use the proper equipment:

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