



OXYGEN  
SINGLE  
STAGE

# MEET YOUR MATCH.

NEXT-GENERATION HIGH-CAPACITY REGULATOR

**VICTOR** // **EDGE 20**  
AN ESAB BRAND



# MEET EDGE 2.0.

**As someone who never settles for good enough, you deserve a regulator that's as tough as you, as sharp as you, as good as you. And it has arrived. It's EDGE 2.0.**

## INNOVATION.

How do you make the best better? You listen to the craftsmen who use the tools, deliver what they want, and in the process, redefine world-class industrial gas control.

**Drastically different gauges** – EDGE 2.0's forward-thinking design incorporates color-coded, incredibly clear, and easy-to-read gauges right into the regulator body.

**Rearranged for the better** – The unique configuration of the regulator makes it possible for every critical feature – pressure gauges, diaphragm assembly, seat mechanism, safety relief device, and outlet and hose-end connections – to be within the gas cylinder profile for a higher level of protection.

## PERFORMANCE.

Any regulator can do the job. EDGE 2.0 just does it better, more consistently, and longer, for years of confident use.

**Rugged diaphragm** – EDGE 2.0's newly designed stainless steel diaphragm, requested especially by fabricators, has been tested to 50,000 endurance cycles – five times the industry standard – to ensure maximum lifespan.

**Superior flow** – Expect a consistent flow over a wide range of cylinder pressures from EDGE 2.0.

**Reassuring warranty** – The entire EDGE Series 2.0 is backed by Victor's five-year warranty.







60 PSIG  
4 bar

O<sub>2</sub>  
OXYGEN

SINGLE  
STAGE

bar

6

TOO HIGH

psi

OXYGEN  
VICTOR.

psi

CUT

WELD

20

bar



## SAFETY.

For more than 100 years, Victor has kept a commitment to developing uncompromising safety features, and EDGE 2.0 continues to deliver on that promise.

**Impact-absorbing knob** – The tactile knob on EDGE 2.0 is supported by SLAM™ (Shock Limitation and Absorption Mechanism) technology that protects the regulator with a three-stage crumple system.

**Purposeful outlet positioning** – The outlet points down on EDGE 2.0, out the rear of the regulator – a safer placement because it shifts the hose-related hazards away from the user.

**Internal particle trap** – Two elements – the primary particle trap and the secondary diffuser – minimize the amount of contaminant energy that reaches the seat, significantly reducing the chance of an explosion or a fire.

**Visual safety** – Crucial specs are communicated clearly with color-coding, gas-specific labeling, and symbols, making it easier to understand critical information from a distance or at a glance.

**Proven by trial** – EDGE 2.0 exceeds industry standards for fault tolerance in oxygen use (resistance to catching fire and burning), passing both ISO and CGA heated-oxygen impact tests as well as the ASTM G175 promoted ignition test.





## EASE OF USE.

Simpler. More intuitive. Easier to operate. EDGE 2.0 takes the guesswork out of gas control.

**Improved accessibility** – EDGE 2.0 has a significantly wider cylinder valve clearance for easier and quicker connecting and disconnecting.

**Tactile adjustment knob** – The updated knob design is easier to grip and points away from the user for a more natural hand/body position, which clears the way for a better view of the gauges.

**Intuitive gauges** – The extra-large, offset 2.5-inch delivery gauge is easy to read and provides more information than the average regulator, taking out any guesswork.





# NOW MEET THE PLUS SERIES TORCH AND HANDLE.

The CA 2460+ cutting attachment and WH 315FC+ welding handle are also newly available and vastly improved, thanks in large part to input from talented and insightful craftsmen who use our tools daily.

**Advanced flashback arrestor** – We challenged ourselves to design a torch that has the built-in features we love but none of those all-too-common flow restrictions, and that's what we delivered.

**More communicative valves** – Understanding that not everyone in the industry has the same level of comfort and familiarity with a torch, we added small labels – open/close, on/off, oxy/fuel – to help guide more-novice users.

**Improved field reparability** – The user-friendly design of the Plus Series allows for immediate replacement of the plunger and easy access to the mixer.

**Glove-friendly knobs** – Upgraded contouring makes for easier use with gloved hands.

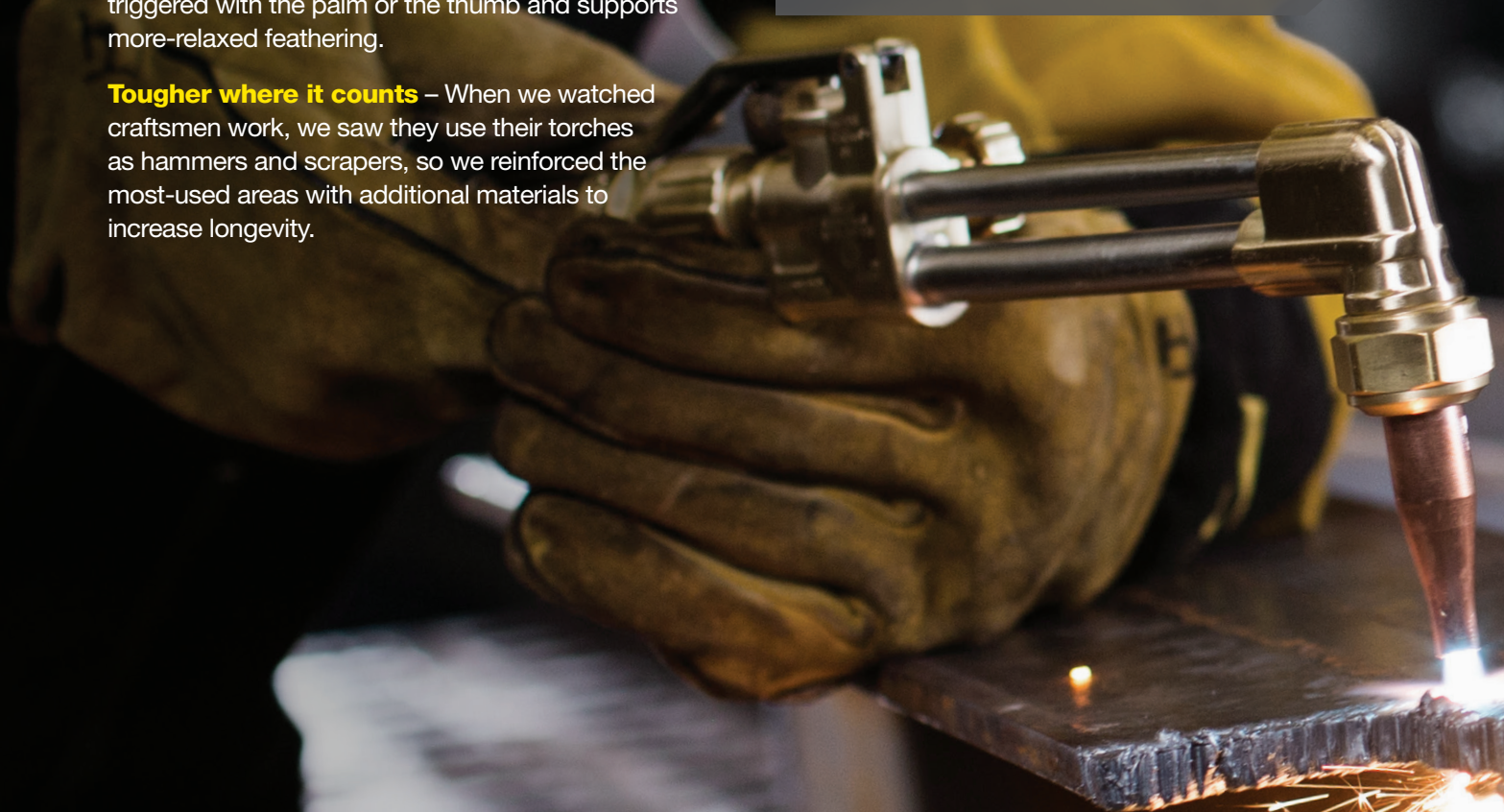
**Ergonomic handling** – The curved lever can be triggered with the palm or the thumb and supports more-relaxed feathering.

**Tougher where it counts** – When we watched craftsmen work, we saw they use their torches as hammers and scrapers, so we reinforced the most-used areas with additional materials to increase longevity.



## JOURNEYMAN OUTFIT.

The robust Journeyman outfit comes with everything you need to get started: CA 2460+ cutting attachment, WH 315FC+ welding handle, cutting tip, tip cleaner, heating nozzle, striker, goggles, hose, welding nozzles, and two EDGE 2.0 regulators.





## REGULATOR PART NUMBERS

Part Number	Description
0781-3600	ESS42-60-540 S/S OXY 60 psig
0781-3601	ESS42-150-540 S/S OXY 150 psig
0781-3602	ESS42-15-510 S/S ACET 15 psig
0781-3603	ESS42-15-300 S/S ACET 15 psig
0781-3605	ESS42-15-410 S/S ACET 15 psig
0781-3606	ESS42-60-510LP S/S LPG 60 psig
0781-3607	ESS42-150-510LP S/S LPG 150 psig
0781-3609	ESS42-150-580 S/S INERT 150 psig
0781-3612	ESS42-150-350 S/S HYD 150 psig
0781-3613	ESS42-150-346 S/S AIR 150 psig
0781-3614	ESS42-150-590 S/S IndAir 150 psig
0781-3615	ESS42-150-320 S/S CO <sub>2</sub> 150 psig



### EDGE 2.0 GAS OPTIONS.

Acetylene // Oxygen // Carbon dioxide  
 Nitrogen inert gas // Propane LP gas  
 Air // Hydrogen/Methane

## OUTFIT PART NUMBERS

Part Number	Description
0384-2081	Journeyman Sel EDGE 2.0 540/510, 90° PLUS OUTFIT
0384-2082	Journeyman Sel EDGE 2.0 540/510, 75° PLUS OUTFIT
0384-2083	Journeyman Sel EDGE 2.0 540/300, 90° PLUS OUTFIT
0384-2088	Journeyman Sel AF EDGE 2.0 540/510LP, 90° PLUS OUTFIT
0384-2100	Journeyman EDGE 2.0 540/300, 90° PLUS OUTFIT
0384-2101	Journeyman EDGE 2.0 540/510, 90° PLUS OUTFIT
0384-2110	Journeyman II EDGE 2.0 540/300, 90° PLUS OUTFIT
0384-2111	Journeyman II EDGE 2.0 540/510, 90° PLUS OUTFIT
0384-2112	Journeyman II AF EDGE 2.0 540/510LP, 90° PLUS OUTFIT (Propane)
0384-2113	Journeyman II AF EDGE 2.0 540/510LP, 90° PLUS OUTFIT (Propylene)
0384-2120	Cutter EDGE 2.0 540/510, 90° ST2600FC OUTFIT
0384-2121	Cutter EDGE 2.0 540/300, 90° ST2600FC OUTFIT
0384-2122	Cutter AF EDGE 2.0 540/510LP, 90° ST2600FC OUTFIT
0381-1928	CA2460+ Cutting Attach, 90°
0381-1930	CA2461+ Cutting Attach, 75°
0381-1932	CA2462+ Cutting Attach, 180°
0381-1937	CA2460+/WH315FC+ Repl Pack, 90°
0382-0093	WH315FC+ Weld Handle

**Note:** Part numbers have recently changed. Please update your records with the above information.



# UNRIVALED SERVICE AND SUPPORT.

The Victor EDGE 2.0, like every ESAB product, is backed by our commitment to superior customer service and support. Our skilled customer service department is prepared to quickly answer any questions, address problems, and help with maintenance.

For more information on EDGE 2.0, visit [esab.com/edge2](http://esab.com/edge2).

## 5-YEAR WARRANTY.

With Victor's dedicated service and support, you'll be protected by the most comprehensive warranty in the business.



ESAB / [esab.com](http://esab.com)

