

TYPE 55/55-1 MULTI-FLAME HEATING NOZZLES

Use with 300, HD 310C Series Torch Handles

VICTOR HEAVY INDUSTRY

The Type 55 Series multi-flame heating nozzles feature a raised center point on the head to prevent bumping the plate and compressing the flame. The center point and improved mixer design combine to provide greater resistance to sustained backfire and improved flow performance. Type 55s can be ordered as a complete assembly or as individual components.

- High capacity heating head for heat treating, straightening, and priming
- LP Gases

WARNING: NOT FOR USE WITH ACETYLENE

Part No.	Type	Available size	Available Length	Series
0323-0326	55	20*	28" (711.2 mm)	HD 310C
0323-0325	55	15*	28" (711.2 mm)	HD 310C
0323-0324	55	10*	28" (711.2 mm)	HD 310C
0323-0328	55	8	11" (279.4 mm)	HD 310C / 300
0323-0327	55	6	11" (279.4 mm)	300
0324-0188	55-1	6	11" (279.4 mm)	100

*Size 10, 15 and 20 Type 55 heating nozzles must be used with HD 310C torch handle and 3/8" (9.5 mm) hose.

TYPE 55 – FOR USE WITH PROPYLENE BASED FUEL GASES, METHANE, PROPANE, BUTANE, & PRESSURIZED NATURAL GAS

Tip Size	Oxygen Pressure (psig)	Fuel Pressure (psig)	Oxygen Consumption (SCFH)	Fuel Consumption (SCFH)	BTU Per Hour
20	100/150	30/50	900/1150	400/500	See Chart
15	90/120	20/35	600/800	250/350	
10	70/100	15/25	356/460	150/200	
8	70/85	15/25	220	85	
6	70/80	15/20	160	65	

BTU PER HOUR

To approximate gross BTU output, multiply flow rate by BTU value listed below:

Propane	2498
Natural Gas	1000
Butane	3374
Propylene	2371

WARNING:

- Use flashback arrestors
- Although built to Victor's quality and safety standards, due to the cutting capacity and/or design of each torch, flashback arrestors are not manufactured into the 310C Series Victor heavy industry torches
- To reduce the risk of personal injury, death and/or property damage, use sufficient capacity flashback arrestors with all Victor heavy industry torch products
- Alternative fuel gas only refers to propane, natural gas, propylene gases. Acetylene, hydrogen and gasoline are NOT included as an alternative gas

TYPE 55 COMPONENTS

300 SERIES

Type 55 Series multi-flames are available as components. Threaded elbows give you the flexibility to easily service or extend the length of the nozzles. Use the special extensions adapter to extend the tip tube to the required length.



0328-0012 & 0328-0013
Mixer and Nut Assembly

WARNING: NOT FOR USE WITH ACETYLENE

Part No.	Available Size	Application/Description	Available Length	Available Angles	Series
0311-0232	20*	Multi-Flame Heads	-	-	HD 310C
0311-0231	15*	Multi-Flame Heads	-	-	HD 310C
0311-0230	10*	Multi-Flame Heads	-	-	HD 310C
0311-0241	8	Multi-Flame Heads	-	-	HD 310C / 300
0311-0240	6	Multi-Flame Heads	-	-	300
0304-0002	-	Multi-Flame Elbows	14" (355.6 mm)	65°	HD 310C / 300
0304-0095	-	Multi-Flame Elbows	16" (406.4 mm)	180°	HD 310C / 300
0304-0011	-	Multi-Flame Elbows	26" (660.4 mm)	65°	HD 310C / 300
0328-0012		Mixer and nut assembly, for use with pressures from 10 psig and up.			HD 310C / 300
0328-0013		Mixer and nut assembly, for use with pressures from 2 - 10 psig.			HD 310C / 300
0312-0064		Extension Adapter - Thread specifications: 1/4"- 18 NPT(F) X 1/2"- 27 UNS(F)"			HD 310C / 300

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