

Handi-Heat™ Outfits



Quick Specs

Typical Applications

Jewelry manufacturing and repair
 Electronics manufacturing and repair
 Precision metal work
 Crafts
 Plumbing
 Plastic polishing

Oxy-Fuel Processes

Soldering
 Brazing
 Heating

Fuel Gas Acetylene

Heating Capacity

239-193 outfit: Up to 720 Btu with included tip
NE835A outfit: Up to 13,000 Btu with included tips
 Up to 32,900 Btu with optional tips

Concentrated heat for your soldering, heating and brazing needs.



Handi-Heat outfit 239-193 shown.

Handi-Heat outfits include NE180A handle, air/acetylene tip(s) (NE180-00 with 239-193 outfit OR NE180-1, NE180-2 and NE180-3 with NE835A outfit), fuel regulator, 12.5 ft. (3.8 m) hose, and single-flint lighter.

In-tip gas mixing of air and acetylene.

Hand-tighten only to seat the tip, saving time and tools when changing tips.

O-ring seals for easy 360-degree rotation to reduce operator fatigue.

Stainless steel needle valve provides smooth adjustment and positive seating to eliminate leaks.

Soft flame provides concentrated heat for better puddle control and eliminates puddle chasing.

Adjustable valve resistance. PTFE packing provides a gas-tight seal while allowing the “drag” to be adjusted to the individual preference.

Nickel-plated finish deflects heat and resists corrosion.

Silver-brazed connections for extra protection, strength and leak resistance.

One-hand flame adjustment allows for easy flame control.

Provides fast heat with acetylene and atmospheric air. No oxygen tank required.



Warrantied for one year, parts and labor.
 Regulator is warrantied for three years, parts and labor.



Underwriters Laboratories (UL) Listed for gas pressure regulator.



Electrical Testing Laboratories (ETL) Listed for oxy-fuel torch and tip.



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NE180A Torch Handle



Materials of construction

- Handle, head, tube and butt: nickel-plated brass
- Valve stem: stainless steel
- Valve packing: PTFE
- Valve nut: nickel-plated brass
- Valve knob: nickel-plated zinc
- Silver-brazed assembly

Specifications

Length: 5.375 in. (130 mm)
Weight: 0.5 lb. (0.23 kg)
Handle diameter: 11/16 in. (17.5 mm)

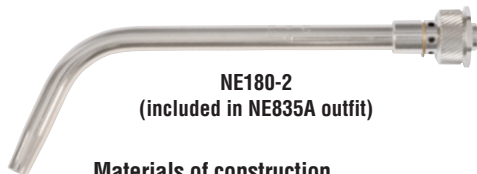
Inlet connection

"B" size, 9/16"-18 LH

Valve assembly replacement L700-7

Warranty One year

NE180 Tips



NE180-2
(included in NE835A outfit)

Materials of construction

- Tube: nickel-plated brass
- Nut: nickel-plated brass
- Mixing section: nickel-plated brass
- Orifice: brass
- O-rings: Buna-N

Tip Number	Average Btu/Hour	Acetylene Pressure (psig)	Acetylene Consumption (scfh)	Length Inch (mm)
NE180-00	588	12 to 14	0.4	4.75 in. (121 mm)
NE180-0	1,764	12 to 14	1.2	4.75 in. (121 mm)
NE180-1	3,675	12 to 14	2.5	6.125 in. (156 mm)
NE180-2	6,174	12 to 14	4.2	6.875 in. (175 mm)
NE180-3	10,878	12 to 14	7.4	7.625 in. (194 mm)
NE180-4	26,460	12 to 14	18	8 in. (203 mm)

30-15-520 Single-Stage Regulator



Gas	Gauges (2 inch /51 mm)		Max. Delivery Pressure	Max. Inlet Pressure	Outlet Connection	Inlet Connection
	Inlet	Outlet				
Acetylene	400 psig (28 bar)	30 psig (2 bar)	15 psig (1 bar)	400 psig (28 bar)	9/16"-18 LH "B"	CGA 520

Note: For more information and additional Series 30™ regulators see literature GE/4.0.

Ordering Information

Outfits	Stock No.	Description	Qty.	Price
Handi-Heat™ Outfits Acetylene	239-193	With NE180A handle, NE180-00 air/acetylene tip, 30-15-520 fuel regulator, 12.5 ft. (3.8 m) 3/16 in. (5 mm) "R"-grade hose, and single-flint lighter		
	NE835A	Same as 239-193, but with NE180-1, NE180-2, and NE180-3 air/acetylene tips		
Individual Components				
Torch Handle	NE180A			
NE180 Tips		See above		
Hose	RL121	For acetylene only. 12.5 ft. (3.8 m) "R"-grade single-hose, 3/16 in. ID, "B" fittings		
Replacement Parts				
O-ring Replacements	AW15	For NE heating tips (25 per package)		
Valve Assembly	L700-7	For NE180A		

Date:

Total Quoted Price:

Distributed by:

