

# WELDING / HEATING TIPS

## CONDENSED CROSS REFERENCE

### UNIWELD AND AIRCO® / CONCOA®

#### TORCH HANDLES

UNIWELD	COMPARISON CHART	AIRCO® / CONCOA®
98L9	.....	Style 800
98L11	.....	Not Available
WH370	.....	Style 750
WH730	.....	322
WH330	.....	312-317

Equipment is similar not identical  
 Equipment is manufactured in U.S.A.  
 Welding Torches, Cutting Attachments and Regulators UL Listed  
 AIRCO® registered trade mark AIRCO WELDING PRODUCTS, DIV., OF BOC GROUP, INC.  
 CONCOA® registered trade mark CONTROLS CORP. OF AMERICA

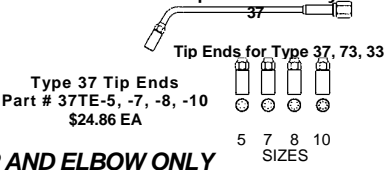
#### COMPLETE HEATING TIP ASSEMBLY AIRCO® / CONCOA® STYLE OXY / ACETYLENE

Part # (Tip Type)	PRICE TIP SIZES 5, 7, 8, 10	Use with Welding Torch Series	Application	Elbow Tip Thread Spec. Mixer End	Mixer Part # Thread Spec.
37-5 37-7 37-8 37-10	\$68.58 EA	WH370	Welding Heating Brazing Soldering	3/8" - 20(M)	UM370 3/8" - 20(F)
73-5 73-7 73-8 73-10		WH730			UM730 3/8" - 20(F)
33-5 33-7 33-8 33-10		WH330			UM330 3/8" - 20(F)

#### OPERATIONAL CHART FOR 37

Tip Size	Oxy. (PSIG)	Acety. Fuel Gas (PSIG)	Acety. Fuel Gas (SCFH)
5	15	10	25
7	25	10	45
8	25	10	45
10	40	15	100

#### Complete Assembly



#### HEATING TIP AND ELBOW ONLY Oxy / Acetylene

Part # (Tip Type)	Available Tip Sizes	Use with Welding Torch Series	Application	Elbow Tip Thread Spec. Mixer End	Mixer Part # Thread Spec.
911-8	8	98L9, 98L11	Pre-Heating Straightening	7/16" - 27(M)	UM911D 7/16" - 27(F)
911-10	10, 12, 15			1/2" - 27(M)	UM911D-2 1/2" - 27(F)
911-12 911-15					

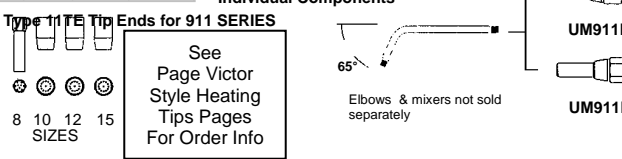
#### OPERATIONAL CHART FOR 911 SERIES

Tip Size	Oxy. (PSIG)	Acety. Fuel Gas (PSIG)	Acety. Fuel Gas (SCFH)
8	25	10	45
10	40	15	100
12	60	15	150
15	80	15	225

#### Complete Assembly



#### Individual Components



#### TIP MIX - A STYLE

UNIWELD "A" STYLE FITS AIRCO®/CONCOA®

#### COMPLETE WELDING TIPS

OXY / ACETYLENE / MAPP® / PROPANE / NATURAL GAS / HYDROGEN

Part # (Tip Type/Size)	Available Tip Sizes	Use with Welding Torch Series	Application	Elbow Tip Thread Spec. Mixer End	Mixer Part # Thread Spec.
98-00 thru 98-10	*00 - 10	98L9, 98L11	Welding Heating Brazing Soldering	3/8" - 20(M)	UM98 3/8" - 20(F)
Part # 98-00 thru -7 \$41.43 EA; 98-8, -9, -10 \$45.22 EA					
370-00 thru 370-10	00 - 10	WH370	Welding Heating Brazing Soldering	3/8" - 20(M)	UM370 3/8" - 20(F)
Part # 370-00 thru -10 \$38.58 EA					

#### ELBOW TIPS ONLY

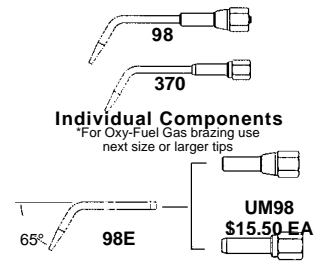
OXY / ACETYLENE/MAPP® / PROPANE / NATURAL GAS / HYDROGEN

Part # (Tip Type/Size)	Available Tip Size	Use with Welding Torch Series	Application	Elbow Tip Thread Spec. Mixer End	Mixer Part # Thread Spec.
98E-00 Thru 98E-10	*00 - 10	98L9, 98L11	Welding Heating Brazing Soldering	3/8" - 20(M)	UM98 3/8" - 20(F)
		WH370	Welding Heating Brazing Soldering	3/8" - 20(M)	UM370 3/8" - 20(F)
98E-00 thru -7 \$16.79 EA; 98E-8, -9, -10 \$20.00 EA					

#### OPERATIONAL CHART FOR Type 98, 370, 99E

Metal Thickness	Tip Size	Oxygen (PSIG)	Acety. Fuel Gas (PSIG)	Acety. Fuel Gas (SCFH)
1/64"	00	5	5	2
1/32"	0	5	5	3
1/16"	1	5	5	5
3/32"	2	5	5	8
1/8"	3	5	5	12
3/16"	4	5	5	15
1/4"	5	5	5	24
3/8"	6	6	6	35
1/2"	7	7	7	43
3/4"	8	7	7	55
1"	9	7	7	63
1 1/2"	10	9	9	76

#### Complete Assembly

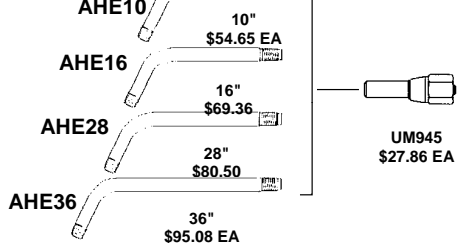


#### HEATING TIP ASSEMBLY AIRCO® / CONCOA® STYLE

OXY / FUEL GAS ONLY (Do Not Use with Acetylene)

Elbow only Part #	Length	Elbow Thread Specifications		Use With Welding Torch Series	Mixer Part # Thread Spec.
		Tip End	Mixer end		
AHE10	10"	1/2" - 25(M)	1/2" - 27(M)	98L9, 98L11	UM945 1/2" - 27(F)
AHE16	16"				
AHE28	28"				
AHE36	36"				

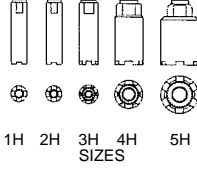
#### INDIVIDUAL COMPONENTS



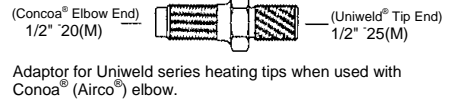
#### Heating Tips (Foot Gas Only) (Do Not Use With Acetylene)

Price	Heating Tip Part #	TIP End Thread Spec	Oxygen (PSIG)	Flow (SCFH)	Propane (PSIG)	Flow (SCFH)	Heat Output (BTU/HR)
\$27.50 EA	2290-1H	1/2" - 25 (F)	10-25	160-320	4-12	40-80	100,000 - 200,000
\$27.50 EA	2290-2H		15-45	220-520	7-22	55-130	140,000 - 330,000
\$40.50 EA	2290-3H		25-70	340-920	8-25	85-230	215,000 - 580,060
\$70.00 EA	2290-4H		50-110	640-1300	10-30	160-325	400,000 - 820,000
\$78.93 EA	2290-5H	60-135	720-1600	14-40	180-400	450,000 - 1,000,000	

#### HEATING TIPS



#### Adaptor Part #745A01 \$8.79 EA



NOTES:  
 (1) FOR MAXIMUM FLOW and BTU OUTPUT - RECOMMEND 3/8" HOSE.  
 (2) To calculate heat output for propylene use 2400 BTU/Cu. Ft. x Flow CFH.  
 (3) On continuous duty withdrawal manifold of cylinders may be required.