

Burner sizing table 2

This table shows part numbers needed to install a 4058 retractable high energy spark ignition system on many common North American Burners. The lengths in this table are suitable to lighting gas or oil burners. For lighting gas only burners it is acceptable to use a retraction assembly 4 inches shorter, and an igniter 8 inches shorter.

Size	Part Name	4821/6821	4514/6514	4795/6795	4796/6796
-9(A,B)	Retraction Assembly Type 4058-08A	4058-08A	4058-08A	4058-08A	
	Smartspark Igniter Type	4058-CSS-18	4058-CSS-18	4058-CSS-20	
	Pilot Adaptor	4058-AF-3	4058-AF-3	4058-AF-2	
	Igniter Tip Protrusion (in.)	6	6	8	
-10(A)	Retraction Assembly	4058-08A	4058-08A	4058-08A	
	Smartspark Igniter	4058-CSS-18	4058-CSS-18	4058-CSS-18	
	Pilot Adaptor	4058-AF-3	4058-AF-3	4058-AF-3	
	Igniter Tip Protrusion (in.)	6	6	6	
-10(B)	Retraction Assembly	4058-08A	—	—	
	Smartspark Igniter	4058-CSS-26	—	—	
	Pilot Adaptor	4058-AF-3	—	—	
	Igniter Tip Protrusion (in.)	6	—	—	
-12	Retraction Assembly	4058-12A	—	4058-08A	4058-08A
	Smartspark Igniter	4058-CSS-26	—	4058-CSS-18	4058-CSS-18
	Pilot Adaptor	4058-AF-4	—	4058-AF-3	4058-AF-3
	Igniter Tip Protrusion (in.)	6	—	6	6
-14	Retraction Assembly	4058-12A	—	4058-12A	4058-08A
	Smartspark Igniter	4058-CSS-26	—	4058-CSS-26	4058-CSS-18
	Pilot Adaptor	4058-AF-4	—	4058-AF-4	4058-AF-4
	Igniter Tip Protrusion (in.)	6	—	6	6
-16	Retraction Assembly	4058-12A	—	4058-12A	4058-8A
	Smartspark Igniter	4058-CSS-26	—	4058-CSS-26	4058-CSS-18
	Pilot Adaptor	4058-AF-4	—	4058-AF-4	4058-AF-4
	Igniter Tip Protrusion (in.)	6	—	6	6
-18	Retraction Assembly	4058-12A	—	4058-12A	4058-8A
	Smartspark Igniter	4058-CSS-26	—	4058-CSS-34	4058-CSS-18
	Pilot Adaptor	4058-AF-4	—	4058-AF-4	4058-AF-4
	Igniter Tip Protrusion (in.)	6	—	6	6
-20	Retraction Assembly	4058-16A	—	4058-16A	4058-8A
	Smartspark Igniter	4058-CSS-34	—	4058-CSS-34	4058-CSS-18
	Pilot Adaptor	4058-AF-4	—	4058-AF-4	4058-AF-4
	Igniter Tip Protrusion (in.)	5 $\frac{7}{8}$	—	6	6
-22	Retraction Assembly	4058-16A	—	—	4058-12A
	Smartspark Igniter	4058-CSS-34	—	—	4058-CSS-26
	Pilot Adaptor	4058-AF-4	—	—	4058-AF-4
	Igniter Tip Protrusion (in.)	6	—	—	6
-24	Retraction Assembly	—	—	—	4058-12A
	Smartspark Igniter	—	—	—	4058-CSS-26
	Pilot Adaptor	—	—	—	4058-AF-4
	Igniter Tip Protrusion (in.)	—	—	—	6