

IG SERIES

FLAT HOT SURFACE FURNACE IGNITERS

Supco's IG series flat hot surface igniters offer dependable ignition in all heating applications; including furnaces, boilers, rooftops, unit heaters, water heaters, swimming pool heaters and many other types of heating equipment. The SUPCO Flat Igniters offer an efficient, stronger more reliable hot surface Silicon Carbide (SiC) composition that uses a PATENT PENDING NANOTECHNOLOGY, compared to the existing Silicon Carbide design that has been used in heating equipment for years.



Features/Benefits

- Faster time to temperature response
- Stronger more durable design
- More robust in transit
- Higher resistance to oxidation
- Longer usable life
- 18 gauge nickel copper high temperature fiberglass insulated lead wires
- All kits include the necessary hardware, instructions (where applicable) and cross reference information for easy installation.
- Lower power consumption
- Superior gas lighting ability



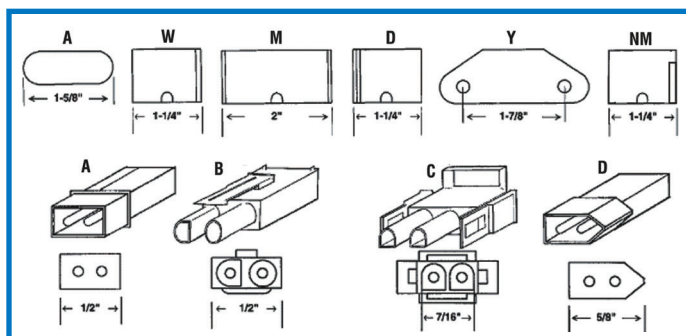
Specifications

- Time to temperature (1800° F): <17 seconds @ 102 VAC
- Voltage: 120 VAC
- Amperage: 3.5 – 5 AMPS @ 132 VAC maximum
- Cold Resistance: 40 - 100 OHMS @ 75°F +/- 10°F

Eight kits are available. Three universal and five exact kits that replace fifteen Robertshaw part numbers to minimize inventory.

Product Information

UNIVERSAL KITS	ROBERTSHAW	CERAMIC BLOCK	TERMINAL CONNECTOR	
IG4000	41-402	W	N/A	
	41-403	M	N/A	
	41-404	M	D	
	41-405	D	N/A	
	41-407	M	B	
	41-408	W	C	
	41-409	M	D	
	41-410	W	B	
	41-412	NM	D	
	41-414	NM	D	
	41-1090	W	N/A	
IG402K	41-238	W	N/A	
	41-242	W	N/A	
	41-402	W	N/A	
	41-408	W	C	
	41-410	W	B	
IG403K	41-411	W	C	
	41-403	M	N/A	
	41-404	M	D	
	41-407	M	B	
EXACT KITS	41-409	M	D	
	IG401	41-401	A	A
	IG405	41-405	D	N/A
	IG406	41-406	Y	N/A
IG412	41-412	NM	D	
IG414	41-414	NM	D	



IG402K Cross Reference

OEM	OEM P/N	Robertshaw® P/N	Exact	Functional
American Road Equipment	201W	41-402		X
Armstrong Air	38322B001	41-402		X
Claire Brothers	C-238	41-402		X
Claire Brothers	C-242	41-402		X
Coleman	1474-051	41-402		X
Coleman	1474-052	41-402		X
DMO Industries	20834	41-402		X
Dornback Furnace	271 W	41-402		X
Enerco Tech	10399	41-402		X
Evcon	1474-051	41-402		X
Evcon	1474-052	41-402		X
HUPP Industries	9050	41-402		X
Majestic	75-92-104	41-402		X
Majestic	75-92-105	41-402		X
Metzger	201N	41-402		X
Metzger	201W	41-402		X
Mor Flo	3200618	41-402		X
Nordyne	105141000	41-402		X
Nordyne	632-0880	41-402		X
Nordyne	632-0770	41-402		X
Norton	201K	41-402		X
Norton	201L	41-402		X
Norton	201R	41-402		X
Norton	201W	41-402		X
Norton	271N	41-402		X
Norton	271W	41-402		X
Rheem	62-22441-01	41-408	X	
Rheem	62-22441-01	41-402		X
Rheem	62-22868-02	41-411		
Rheem	62-22868-82	41-411	X	
Rheem	62-22868-93	41-411		
Roberts Gordon	90436600	41-402		X
Superior Fireplace	94851	41-402		X
Trane Company	B144676P01	41-410	X	
Trane Company	B340039P01	41-408	X	
Trane Company	340039P01	41-402		X
Trane Company	IGN23	41-402		X
Trane Company	IGN34	41-408	X	
Wayne Home Equipment	62821-001	41-402		X
Wayne Home Equipment	62821-002	41-402		X
White LB Company	120-07549	41-402		X
White Rodgers	767A-357	41-402		X
Williamson	9050	41-402		X

Supco Flat Igniter Cross Reference

SUPCO® P/N	OEM P/N	OEM	Robertshaw® P/N	Exact P/N	Functional
IG401	Amana	B1336102	41-401	X	
IG401	Amana	D99182	41-401	X	
IG401	Amana	10041601	41-401	X	
IG401	Norton	201A	41-401	X	
IG401	Norton	271A	41-401	X	
IG401	Trianco-Heatmaker	2600-359	41-401	X	
IG401	White Rodgers	767A309	41-401	X	
IG401	White Rodgers	767A356	41-401	X	
IG405	Detroit Radiant	201D	41-405	X	
IG405	Norton	201D	41-405	X	
IG405	Norton	271P	41-405	X	
IG405	Smith HB	50018	41-405	X	
IG405	Viessman	9302094	41-405	X	
IG405	White Rodgers	767A361	41-405	X	
IG405	York International	025-27766-000	41-405	X	
IG405	York International	025-27774-000	41-405	X	
IG405	York International	025-29043-000	41-405	X	
IG405	York International	025-29050-000	41-405	X	
IG406	American Appliance	271B	41-406	X	
IG406	Comfort Zone	150114-04-01	41-406	X	
IG406	Mor Flo	3200580	41-406	X	
IG406	Mor Flo	3210401	41-406	X	
IG406	Norton	201J	41-406	X	
IG406	Norton	201M	41-406	X	
IG406	Norton	201N	41-406	X	X
IG406	Norton	201Y	41-406	X	
IG406	Norton	271M	41-406	X	
IG406	Norton	271Y	41-406	X	
IG406	Perfection Schwank	108803-G1	41-406	X	
IG406	Weil McLain	511-330-188	41-406	X	
IG412	Goodman	B1401009	41-412	X	
IG412	Intercity Products	1009604	41-412	X	
IG414	Arcoaire	1096048	41-414	X	
IG414	Arcoaire	1380680	41-414	X	
IG414	Comfortmaker	1096048	41-414	X	
IG414	Heil	1096048	41-414	X	
IG414	Intercity Products	1096048	41-414	X	
IG414	Norton	271NM	41-414	X	
IG414	Tempstar	1096048	41-414	X	

Note: Partial Cross Reference. Contact SUPCO for complete Cross Reference.

IG403K Cross Reference

OEM	OEM P/N	Robertshaw® P/N	Exact	Functional
Carrier Corp	LH33ZS001A	41-409	X	
Carrier Corp	LH33ZS002	41-409	X	
Ducane	20015201	41-409	X	
Norton	201	41-403		X
Norton	271	41-403		X
Raypak	600915	41-403		X
Roberts Gordon	90434300	41-409		X
Snyder General	1380672	41-409	X	
Snyder General	1380680	41-409	X	
Snyder General	1380654	41-403		X
Trane Company	B138196P01	41-403		X
Trane Company	IGN26	41-409	X	
Trane Company	IGN26	41-403		X
Trane Company	IGN30	41-407	X	
Trane Company	IGN30	41-403		X
Weil McLain	511-330-139	41-409	X	
Weil McLain	511-330-193	41-403		X
Weil McLain	511-330-190	41-404	X	

IG4000 Flat Universal Silicon Carbide

Amana	John Woods/ GSW PV.	L.B. White Co	Roberts-Gordon	Williamson	Robertshw/ Uniline
10735002	86483	120-07549	90434300	09050	41-238
Arco Air	See ICP	Lennox	90436600	York	41-242
Armstrong	50018	33J3701	Superior	025-32626-000	41-402
38322B001	Hupp Ind	Majestic	Fireplace	473-12509-001	41-402
Claire Bros.	9050	75-92-104	94851	373-09154-700	41-403
C238	Raypak	75-92-105	Trane	025-27774-000	41-404
C238-1	600915	Metzger	3400339P01	025-29043-000	41-405
Coleman/Evcon	201N	201N	B340039P01	025-29050-000	41-407
14740511	Icp/Heil/	201W	B12996P01	025-27766-000	41-408
14740512	Arco Air	Mor-Flo	B144676P01	025-30277-000	41-409
Detroit/	Comfortmaker	3200618	B144676P02	025-32638-002	41-410
Brant Radiant	Tempstar	Nordyne/Tappan	B138196P01	025-32625-000	41-412
201D	Keeprite	Frigidaire/Philco	IGN21	025-31801-000	41-414
DMO/Olsen	1009604	Intertherm/Miller	IGN23	373-05342-700	41-1090
ECR Ind.	1096047	903110	IGN26	Norton	White
26789	1096048	105141000	IGN28	101M	Rodgers
20834	1001344	RH622286893	IGN30	201D	767A-301
Dornback	1380680	632-0770	IGN34	201K	767A-303
271W	1148245	632-0880	Viessmann	201L	767A-306
Ducane	Integra	902661	9302-093	201M	767A-310
20015201	6905032	902694	9302-094	201P	767A-311
Enerco Tech.	3260618	903758	Wayne Home	201W	767A-350
10399	Johnstone	632-3811	Equipment	271D	767A-353
Goodman/ Janitrol	L37-699	632-3540	62821-001	271M	767A-354
B1172606	L37-700	Rheem Rudd	62821-002	271N	767A-357
B1193939	L37-812	62-22868-93	Weil McLain	271P	767A-361
B1401009	L37-814	62-22441-01	29074	271R	767A-364
B1401015	L37-815	62-22868-82	511-330-139	271RS	767A-365
B1401018	L37-816	511-330-193	511-330-190	271W	767A-366
		511-330-190		271NM	767A-370
					767A-371
					767A-372



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www.supco.com

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Rev. 08172015



The ONLY Source For All Igniters...Flat • Round • Silicon Nitride Igniter Cross Reference

*References to original equipment manufacturer's names, models, trademarks and part numbers are used for identification purposes only and SUPCO® replacement products are not in any way affiliated, endorsed or sponsored by such original equipment manufacturers.

SSN4000 Universal Silicon Nitride

Amana® 10735002 10755002 B138196P01 B144676P02 B340039P01 B144676P01 American Standard® IGN0030 Arcoaire® 10399 See ICP Armstrong® 383322B001 Barnett Brass® 661924 661926 661927 661928 Carrier® LH33ZS001A LH33ZS002 LH33ZS003 LH33ZS004 Clare Bros® C238 C238-1 C242 Coleman®/Evcon® 14740511 14740512 Detroit® / Brant Radiant® 201D	DMO®/Olsen ECR Ind® 26789 20834 Dornback® 271W Ducane® 20015201 Enerco Tech® 10399 EZ Flow® 62374 GE/Hot Point® WG37X11 WG37X34 Giant PV® L37-815 L37-816 L37-817 L37-818 Goodman®/Janitrol® B1193939 B11725-06 B1401009 Grimsby Stove® ZCO-350 John Woods® GSW PV® 86483 71082	Honeywell® Q3200U1004 H.B. Smith® 50018 Hupp Ind® 9050 Integra® 6905332 3260618 Johnstone® L37-698 L37-699 L37-700 L37-812 L37-814 L37-815 L37-816 L40-765 201D 201K 33J3701 96P01 36N77 98P77 98P78 Majestic® 75-92-104 75-95-105 Metzger® 201N 201W	Mor-Flo® 3200618 Nordyne®/Tappan® 50018 Frigidaire®/Philco® Intertherm®/Miller® 903758 105141000 RH62286893 632-0770 632-0880 632245-0 902661 902694 903758 632-3811 632-3540 Norton® 101M 201D 201K 201M 201P 201W 271M 271N 271P 271R 271RS 271W 201A 271A	Norton® 201R 201 271 271NM Olsen® 26789 41-402N 41-403N 41-404N 41-405N 41-407N 41-408N 600915 41-410N 41-412N 62-22441-01 62-22668-93 903758 632-3811 632-3540 Norton® 101M 201D 201K 201M 201P 201W 271M 271N 271P 271R 271RS 41-1090 41-402N 41-403N	Robertshaw®/Uniline® 41-1090 41-402N 41-403N 41-404N 41-405N 41-407N 41-408N 600915 41-410N 41-412N 62-22441-01 62-22668-93 903758 632-3811 632-3540 Roberts® 1009604 Gordon® 1001344 90436600 Robertshaw®/Uniline® 1148145 1096047 1380672 1148245 Starlite® 11120-100-1402 11120-100-1403 11120-100-1405 11120-100-1407 11120-100-1408 11120-100-1409	Surface Igniter® FC007 FC024 FC035 FC046 FC050 FC051 FC055 Superior Fireplace® 94851 Temp Controls® 9302-094 Trane® 3400339P01 B340039P01 B12996P01 B144676P01 B144676P02 B138196P01 IGN21 IGN23 IGN26 IGN28 IGN30 IGN34	Trianco Heatmaker® 2600-359 Viessmann® 9302-093 9302-094 62821-001 62821-002 Wayne Home Equip® 511-330-139 511-330-193 511-330-190 Whirlpool® 99794323 99794328
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SSN24 Universal Silicon Nitride (24V)

Used in Honeywell® Smart Valves™ SV9500 SV9500M2603 SV9500M2674 SV9500M2682 SV9501M2528 SV9600 SV9600H SV9401 SV9402 SV9403 SV9501 SV9502 SV9503 SV9601 SV9602	Replaces Flame Rod® Assemblies Smart Valves™ 1009524 1149856 42640001 Q3400A Q3400A1016 Q3400A1024 Q3400A1040 Q3450 Q3480 Q3620 Mars® 68012 Igniters Direct® AFN643 Packard® IG9500
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SSN3016 Direct Replacement Silicon Nitride

Goodman® / Janitrol® B1040105 B1401009 *ICP All Brands 1009604 1096048 1380680 Robertshaw®/Uniline® 41-412 41-414 SIC SN003KS *ICP Brands Includes Arcoaire® Comfortmaker® Heil® Keeprite® Tempstar®
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SSN3000 Universal Silicon Nitride

Amana® 10735002 10755002 B138196P01 B144676P02 B340039P01 B144676P01 American Appliance® 271B American Standard® IGN0030 American Water Heater® 6905032 Arcoaire® 62374 See ICP Armstrong® 383228001 38322B001 Barnett Brass® 661924 661927 661928 Carrier® LH33ZS001A LH33ZS002 LH33ZS003 LH33ZS004 Clare Bros® C238 C238-1 C242 Coleman®/Evcon® 14740511 14740512	Detroit®/ Brant Radiant® 14740512 201D DMO®/Olsen®/ECR Ind® 26789 20834 Dornback® 271W Ducane® 20015201 Enerco Tech® 10399 EZ Flow® 62374 GE®/Hot Point® WG37X11 WG37X34 Giant PV® L37-815 L37-816 L37-817 L37-818 Goodman®/Janitrol® B1172606 B1193939 B1401009 Grimsby Stove® ZCO-350 John Woods®/GSW PV® 86483 71082 9050	HB Smith® 101344 1148245 Honeywell® Q4100C9044/U Q4100C9070/U Q4100C9072/U Hupp Ind® 9050 Majestic® 75-92-104 75-92-105 95-92-104 95-92-105 Comfortmaker®/Tempstar®/Mars® 902661 902694 903758 632-3811 Philco® 902661 902694 903758 632-3811 Intertherm®/Miller® 902661 902694 903758 632-3811 Rheem®/Rudd® 62-22868-93 62-22441-01 62-22868-82 62-22868-93 Roberts® 90434300 90436600 Gordon® 1001344 90436600 Robertshaw®/Uniline® 1148145 1096047 1380672 1148245 Starlite® 11120-100-1402 11120-100-1403 11120-100-1405 11120-100-1407 11120-100-1408 11120-100-1409	Norton® 101M 201D 201K 201L 201M 201P 201W 271M 271N 271P 271R 271RS 271W 201A 271A 201R 201 271 271NM Olsen® 26789 Surface Igniter® FC007 FC011 FC014 FC018 FC020 FC021 FC022 FC023 FC024 FC025 FC027	Robertshaw®/Uniline® 41-238 41-242 41-402 41-403 41-404 41-405 41-407 41-408 41-409 41-410 41-412 41-1090 41-402N 41-403N 41-404N 41-405N 41-407N 41-408N 41-409N 41-410N 41-412N Surface Igniter® FC007 FC011 FC014 FC018 FC020 FC021 FC022 FC023 FC024 FC025 FC027	Surface Igniter® FC028 FC029 FC030 FC032 FC034 FC035 FC037 FC040 FC041 FC045 FC046 FC048 FC050 FC051 Starlite® 11120-100-1402 11120-100-1403 11120-100-1405 11120-100-1407 11120-100-1408 11120-100-1409 Superior Fireplace® 94851 99794323 99794328 White LB Co® 120-07549	Trane® IGN28 IGN30 IGN34 B144676P01 B144676P02 B138196P01 Trianco 767A-353 Heatmaker® 767A-354 2600-359 767A-356 Viessmann® 9302-093 9302-094 767A-366 Wayne Home Equip® 767A-370 Equipment® 62821-001 62821-002 Williamson® 09050 York® 025-32626-000 025-27774-000 025-29043-000 025-29050-000 025-27766-000 025-30277-000 025-32638-002 025-32625-000 025-31801-000 373-05342-700 025-27766-000	White Rogers® 767A-301 767A-303 767A-306 767A-309 767A-350 767A-352 767A-353 767A-354 767A-356 767A-364 767A-365 767A-366 767A-370 767A-371 767A-372
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Direct Replacement

S0230K0000S Goodman® 0230K00000S SPLT3400 Lochinvar® PLT3400 SKIT03033 Trane® KIT03033
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SSN2000 Universal Silicon Nitride

American Appliance® 271B American Road Equip® 201W Arcoaire® 1096048 Carrier Corp® 1380680 Armstrong Air® 38322B001 Carlin® 87197S LH33ZS001A LH33ZS002 Clare Bros® C238 C242 Coleman® 1474-051 1474-052 1474-051 1474-052	Comfortmaker® 1096048 Comfort Zone® 150114-04-01 Detroit Radiator® 201D DMO Industries® 20015201 20834 Dornback Furnace® 271W Ducane® 20015201 Enerco Tech® 10399 Evcon® 1474-051 1474-052 Goodman® 10401009 B1401018S	HB Smith® 50018 Heil® 1096048 Honeywell® Q4100C9040/U Hupp Industries® 9050 ICP® 1009604 1096048 3200618 Igniters Direct® HSIURK120V FC007 LB White® 902694 903110 FC007 Majestic® 75-92-104 75-92-105	Mars® 67930 67931 67932 Metzger® 201W Mor-Flo® 3200618 3201041 Perfection Schwank® 108803-G1 Raypack® 3200618 Nordyne® 105141000 Rheem® 62821-001 62-22868-82 62-22868-93 Roberts® 90434300 90436600 Robertshaw® 41-402,41-403,41-404, 41-405,41-406,41-407, 41-408,41-409	Norton® 201,201D,201J,201K,201L, 201M,201N,201R,201W, 201Y,271,271D,271M, 271N,271NM,271P, 271W,271Y Perfection Schwank® 108803-G1 Raypack® 3200618 Rheem® 62821-001 62-22868-82 62-22868-93 Roberts® 90434300 90436600 Robertshaw® 41-402,41-403,41-404, 41-405,41-406,41-407, 41-408,41-409	Robertshaw® 41-410,41-411,41-412, 41-413,41-414,41-801N Snyder General Tempstar® 380654 1380672 1380680 Superior Fireplace® 94851 Tempstar® 1096048 1148245 Trane® 340039P01,B138196P01, B144676P01,B144676P02, B340039P01,IGN21, IGN23,IGN26,IGN30,IGN34 Viessmann® 9302-094	Wayne Home Equip® 62-22441-01 62-22441-02 White Rogers® 767A-361 767A-364 767A-365 767A-366 767A-370 767A-371 767A-372 767A-373 767A-374 767A-375 767A-376 767A-377 767A-382 767A-383 767A-384 767A-350 767A-353 767A-354 767A-357	White Rogers® 9050 York Intl® 025-27766-000 025-27774-000 373-05342-700 025-29043-000 025-29050-000 025-32625-000 025-32626-000 025-33241-000 373-05342-700 473-12509-001
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