

## Assembly Numbers

## Style A, B &amp; C LINOFLAME® Burners

## Style A, B &amp; C LINOFLAME® Burners with cast iron ignition rails

LINOFLAME® Burner Section Description	Designation (Code)	Style "A"		Style "B"				Style "C"
		LA-(*)-36	LA-(*)-72	LB-(*)-24	LB-(*)-36	LB-(*)-72	LB-(*)-96	LC-(*)-24
Configured Item Number [2]		LA36	LA72	LB24	LB36	LB72	LB96	LC24
3" straight section	(-3)	---	---	24135 (3)	24155 (3)	---	24195 (3)	---
3" straight section with #18118 spark ignitor & rail		---	---	53818 (3)	53827 (3)	---	53843 (3)	---
6" straight section	(-6)	24110 (7)	24117 (7)	24133 (6)	24153 (6)	24174 (6)	24193 (6)	---
6" straight section with #18118 spark ignitor & rail		53802 (7)	53806 (7)	53817 (6)	53826 (6)	53834 (6)	53842 (6)	---
8" straight section	(-8)	---	---	24132 (8)	24152 (8)	---	24192 (8)	---
8" straight section with #18118 spark ignitor & rail		---	---	---	---	---	53841 (8)	---
9" straight section	(-9)	---	---	---	---	---	---	26631 (5)
12" straight section	(-12)	24109 (10)	24116 (10)	24131 (9)	24151 (9)	24172 (9)	24191 (9)	26630 (6)
12" straight section with #18118 spark ignitor & rail		53801 (10)	53805 (10)	53815 (9)	53824 (9)	53833 (9)	53840 (9)	53896 [1] (6)
12" straight section (1-1/2" NPT) bossed side inlet	(-12S)	---	---	24137 (13)	24157 (13)	---	24197 (13)	---
12" straight section (1-1/2" NPT) bossed side inlet with #18118 spark ignitor & rail		---	---	53820 (13)	53829 (13)	---	53845 (13)	---
12" straight section (1-1/2" NPT) bossed back inlet	(-12B)	---	---	24136 (13)	24156 (13)	---	24196 (13)	---
12" straight section (1-1/2" NPT) bossed back inlet with #18118 spark ignitor & rail		---	---	53819 (13)	53828 (13)	---	53844 (13)	---
3" straight section (1" NPT) bossed back inlet	(-3B)	---	---	24140 (3)	24160 (3)	---	24200 (3)	---
3" straight section (1" NPT) bossed back inlet with #18118 spark ignitor & rail		---	---	53821 (3)	53830 (3)	---	53846 (3)	---
12" tee section side inlet	(-TS)	---	---	24141 (14)	24161 (14)	24182 (14)	24201 (14)	---
12" tee section side inlet with #18118 spark ignitor & rail		---	---	53822 (14)	53831 (14)	53839 (14)	53847 (14)	---
12" tee section back inlet	(-TB)	24112 (18)	24118 (18)	24142 (14)	24162 (14)	---	24202 (14)	---
12" tee section back inlet with #18118 spark ignitor & rail		53803 (18)	53807 (18)	53823 (14)	53832 (14)	---	53848 (14)	---

[1] Style C LINOFLAME® section requires 10mm spark ignitor #18110

[2] To order line burner arrangements, order the appropriate configured item number. To order burner sections loose, order individual burner section assembly numbers.

Approximate net weight (in pounds) shown in parentheses

Size and number of drilled ports for all LINOFLAME® Burner sections must be specified on order



## Assembly Numbers

### Style A, B & C LINOFLAME® Burners

#### Style A, B & C LINOFLAME® Burners with cast iron ignition rails

LINOFLAME® Burner Section Description		Designation (Code)	Style "A"		Style "B"				Style "C"
			LA36	LA72	LB24	LB36	LB72	LB96	LC24
Bottom & Side Inlet Flange for (-TS) & (-TB) sections	1-1/2" NPT	LFB- 1-1/2"	1051219 (3)						---
	2" NPT	LFB- 2"	04122 (3)						---
	2-1/2" NPT	LFB- 2-1/2"	18694 (4)						---
	3" NPT	LFB- 3"	00295 (3)						---
End Inlet Flange	1-1/4" NPT	1-1/4" -LFC	---	---	---	---	---	---	04916
	1-1/2" NPT	1-1/2" -LFE	03917 (2)						---
	2" NPT	2" -LFE	03433 (2)						---
12" cross ignition section		(-TX)	---	---	24143 (11)	24163 (11)	---	24203 (11)	---
3" elbow section		(-E3)	---	---	24144 (4)	24164 (4)	---	24204 (4)	---
6" elbow section		(-E6)	---	---	24148 (8)	24168 (8)	---	24208 (8)	---
3" midget section		LM-3-72 [1]	---	---	---	---	26635	---	---
B to C reducing section		LBC-3	---	---	24170 (3)	24170 (3)	---	---	---
End plate (plain)		LEP	01860 (2)						05400 (1)
End plate (flame rod)		LEP-FR	16680 (2)						---
End plate cross ignition		LXEP	24115 (3)						26634 (2)
Division plate		LDP	03921 (1)						---
Universal support bracket (order in pairs)		USB	23577 (CS) / 39940 (SS)						
Flame rod holder		2LFBR	16309						
Flame rod L= 7-1/8" (with cover)		---	1037594						

[1] Suggested drilling for LM-3-72 is #44 mains and #44 ignitors (maximum ignitor port drill size is #44)

**Approximate net weight (in pounds) shown in parentheses**

**Size and number of drilled ports for all LINOFLAME® Burner sections must be specified on order**

## Assembly Numbers

### Style A, B & C LINOFLAME® Burners

#### Style A, B & C LINOFLAME® Burners with alloy ignition rails

LINOFLAME® Burner Section Description	Designation (Code)	Style "A"		Style "B"			Style "C"	
		LAA-(*)-36	LAA-(*)-72	LBA-(*)-24	LBA-(*)-36	LBA-(*)-72	LBA-(*)-96	LCA-(*)-24
Configured Item No. [1]		LAA36	LAA72	LBA24	LBA36	LBA72	LBA96	LCA24
3" straight section	(-3)	---	---	24213 (3)	24232 (3)	24252 (3)	24271 (3)	---
3" straight section with #18118 spark ignitor & rail		---	---	53852 (3)	53860 (3)	53868 (3)	53877 (3)	---
6" straight section	(-6)	24121 (7)	24128 (7)	24211 (6)	24230 (6)	24250 (6)	24269 (6)	---
6" straight section with #18118 spark ignitor & rail		53809 (7)	53813 (7)	53851 (6)	53859 (6)	53867 (6)	53876 (6)	---
8" straight section	(-8)	---	---	24210 (8)	24229 (8)	---	24268 (8)	---
8" straight section with #18118 spark ignitor & rail		---	---	53850 (8)	53858 (8)	---	53875 (8)	---
9" straight section	(-9)	---	---	---	---	---	---	26633 (5)
12" straight section	(-12)	24120 (10)	24127 (10)	24209 (9)	24228 (9)	24248 (9)	24267 (9)	26632 (6)
12" straight section with #18118 spark ignitor & rail		53808 (10)	53812 (10)	53849 (9)	53857 (9)	53866 (9)	53874 (9)	---
12" straight section (1-1/2" NPT) bossed side inlet	(-12S)	---	---	24215 (13)	24234 (13)	---	24273 (13)	---
12" straight section (1-1/2" NPT) bossed side inlet with #18118 spark ignitor & rail		---	---	53853 (13)	53862 (13)	---	53879 (13)	---
12" straight section (1-1/2" NPT) bossed back inlet	(-12B)	---	---	24214 (13)	24233 (13)	---	24272 (13)	---
12" straight section (1-1/2" NPT) bossed back inlet with #18118 spark ignitor & rail		---	---	53804 (13)	53861 (13)	---	53878 (13)	---
3" straight section (1" NPT) bossed back inlet	(-3B)	---	---	24218 (3)	24237 (3)	---	24276 (3)	---
3" straight section (1" NPT) bossed back inlet with #18118 spark ignitor & rail		---	---	53854 (3)	53863 (3)	---	53880 (3)	---
12" tee section side inlet	(-TS)	---	---	24219 (14)	24238 (14)	---	24277 (14)	---
12" tee section side inlet with #18118 spark ignitor & rail		---	---	53855 (14)	53864 (14)	---	53881 (14)	---
12" tee section back inlet	(-TB)	24123 (18)	24129 (18)	24220 (14)	24239 (14)	24259 (14)	24278 (14)	---
12" tee section back inlet with #18118 spark ignitor & rail		53810 (18)	53814 (18)	53856 (14)	53865 (14)	53873 (14)	53882 (14)	---

[1] To order line burner arrangements, order the appropriate configured item number. To order burner sections loose, order individual burner section assembly numbers.

**Approximate net weight (in pounds) shown in parentheses**  
**Size and number of drilled ports for all LINOFLAME® Burner sections must be specified on order**

## Assembly Numbers

### Style A, B & C LINOFLAME® Burners

#### Style A, B & C LINOFLAME® Burners with alloy ignition rails

LINOFLAME® Burner Section Description		Designation (Code)	Style "A"		Style "B"				Style "C"
			LAA36	LAA72	LBA24	LBA36	LBA72	LBA96	LCA24
Bottom & Side Inlet Flange Set for (-TS) & (-TB) sections	1-1/2" NPT	LFB- 1-1/2"	1051219 (3)						---
	2" NPT	LFB- 2"	04122 (3)						---
	2-1/2" NPT	LFB- 2-1/2"	18694 (4)						---
	3" NPT	LFB- 3"	00295 (3)						---
End Inlet Flange Set	1-1/4" NPT	1-1/4" -LFC	---	---	---	---	---	04916	
	1-1/2" NPT	1-1/2" -LFE	03917 (2)						
	2" NPT	2" -LFE	03433 (2)						
12" cross ignition section		(-TX)	---	---	24221 (11)	24240 (11)	---	24279 (11)	---
3" elbow section		(-E3)	---	---	24222 (4)	24241 (4)	---	24280 (4)	---
6" elbow section		(-E6)	24124 (9)	24130 (9)	24226 (8)	24245 (8)	---	24284 (8)	---
End plate (plain)		LEP	01860 (2)						05400 (1)
End plate (flame rod)		LEP-FR	16680 (2)						---
End plate cross ignition		LXAEP	24126 (3)						26634 (2)
Division plate		LDP	03921 (1)						---
Universal support bracket (order in pairs)		USB	23577						
Flame rod holder		2LFBR	16309						
Pilot mounting bracket		---	06950 (1)						
Flame rod L= 7-1/8"		---	18117 (unsealed) or 1104615 (sealed)						

**Approximate net weight (in pounds) shown in parentheses**

**Size and number of drilled ports for all LINOFLAME® Burner sections must be specified on order**

## Assembly Numbers

### Style A, B & C LINOFLAME® Burners

#### Spare Parts

##### End-mounted LINOPAK Pilots for Style A, B & C LINOFLAME® Burners

Pilot Assembly Number	Pilot Description	Pilot Assembly Includes:			
		Pilot Mixer	Gas Adjustable		Spark Ignitor
			Orifice	Cock	
15214 (9)	Inert air LINOPAK pilot	33107	---	15726	18118
15216 (5)	Fresh air LINOPAK pilot	12326	39294	---	
15218 (5)	Fresh air LINOPAK pilot (w/vane)				
15220 (9)	Inert air LINOPAK pilot (w/vane)	33107	---	15726	
15215 (4)	Pressure type LINOPAK pilot	11680	38579	---	
15219 (4)	Pressure type LINOPAK pilot (w/vane)				

##### Side-mounted pilots for Style A, B & C LINOFLAME® Burners

Pilot Assembly Number	Pilot Description	Pilot Assembly Includes:			
		Pilot Mixer	Gas Adjustable		Spark Ignitor
			Orifice	Cock	
05140 (3)	Fresh air type LINOFLAME® pilot	12326	39294	---	18118
1115402 (3)	Fresh air type (with vane)				
12150 (8)	Recirculating type (with vane)	33107	---	15726	
1115281 (3)	Pressure type pilot (with vane)	11680	38579	---	
06868 (4)	Open port venturi pilot	12457	39294	---	---
06969 (4)					18110
18886 (4)		18885	39295	---	---
18887 (4)					18110

#### Miscellaneous Optional Accessories

18mm spark ignitor (R)	18118
10mm spark ignitor (R)	18110
Electrode cover for flame rod or spark ignitor (A)	18722

#### Miscellaneous Optional Accessories Style B Only (ISO threaded flanges)

	24	36	72	96
12" (1.5" NPT bossed side inlet) straight section	38304	24806	---	34246
12" (1.5" NPT bossed side inlet) straight section w/ SI	38304	34806	---	34246
12" (1.5" NPT bossed back inlet) straight section	38303	24805	---	34245
12" (1.5" NPT bossed back inlet) straight section w/ SI	383030	24805	---	34245
3" (1" NPT bossed back inlet) straight section	38299	38300	38301	38302
3" (1" NPT bossed back inlet) straight section w/ SI	38299	38300	38301	38302

## Assembly Numbers VF LINOFLAME® Burners

### VF LINOFLAME® Burner Sections

Configured Item Number [1]			VF H		VF L	
Item	Section Description		VFH LINOFLAME®		VFL LINOFLAME®	
			Designation	Assembly Number	Designation	Assembly Number
Burner Sections	3" straight		VFH-3	34297 (11)	VFL-3	34289 (4)
	6" straight		VFH-6	34298 (7)	VFL-6	34290 (5)
	12" straight		VFH-12	34299 (13)	VFL-12	34291 (8)
	6" elbow		---	---	VFL-L	34293 (8)
	12" x 6" tee		VFH-5	34302 (16)	VFL-T	34294 (11)
	12" x 12" cross		VFH-X	34303 (20)	VFL-X	34295 (15)
Back Inlet Feed Sections (each requires an inlet flange from below)	12" x 12" back inlet cross		VFH-XB	34304 (24)	VFL-XB	34296 (15)
	12" back inlet straight		VFH-12B	34300 (17)	VFL-12B	34292 (9)
ANS Back Inlet Flange Options	For (12B) back inlet sections	2" NPT	---	---	VFL-2BF	34333 (1)
		3" NPT	VFH-3BF	34338 (3)	---	---
	For (XB) back inlet cross sections	3" NPT	VFH-3XF	34339 (4)	VFL-3XF	34334 (4)
		4" NPT	VFH-4XF	34340 (6)	---	---
ISO Back Inlet Flange Option	For (12B) back inlet sections	2" ISO	---	---	VFL-2BF	24531
		3" ISO	VFH-3BF	21049	---	---
	For (XB) back inlet sections	3" ISO	VFH-3XF	21048	VFL-3XF	24532
		4" ISO	VFH-4XF	21046	---	---
End Cap Sets	End cap set-plain		VFH-EC	34335 (3)	VFL-EC	34330 (2)
	End cap set with provision for flame rod (order #18117 flame rod separately) [2]		VFH-EC-FR	34336 (3)	VFL-EC-FR	34331 (2)
	End closure set with spark ignitor (includes #18110 spark ignitor)		VFH-EC-SI	23993 (3)	VFL-EC-SI	24105 (2)
End Plate Sets	High recirculation end plate (use with end cap set or end inlet flange set)		VFH-HREP	25079	VFL-HREP	25120
	Expansion end plate set (includes (2) end closures with necessary expansion joint fasteners)		VFH-XEP	23190 (5)	VFL-XEP	24308 (7)
ANS End Inlet Flange Options	End inlet flange set	1-1/2" NPT	---	---	VFL-1-1/2-EF	34332 (2)
		2" NPT	VFH-2-EF	34377 (3)	---	---
	End inlet flange set w/provision for flame rod (order #8117 flame rod separately) [2]	2" NPT	VFH-2EF-FR	24514 (3)	---	---
	End flange set w/spark ignitor (includes #23739 spark ignitor)	2" NPT	VFH-2EF-SI	24515 (3)	---	---
ISO End Inlet Flange Options	End inlet flange set	1-1/2" ISO	---	---	VFL- 1-1/2 -EF	24530
		2" ISO	VFH-2-EF	24534	---	---
	End inlet flange set w/provision for flame rod (order #18117 flame rod separately) [2]	2" ISO	VFH-2EF-FR	44167	---	---
	End inlet flange set w/spark ignitor (includes #23739 spark ignitor)	2" ISO	VFH-2EF-SI	44168	---	---

[1] To order line burner arrangements, order the appropriate configured item number. To order loose items, order individual assembly numbers.

[2] A sealed (cannot be disassembled) version of the flame rod, part number 1104615, can also be chosen.

## Assembly Numbers

### “VF” LINOFLAME® Burners

#### End-mounted LINOPAK Pilots for "VF" LINOFLAME® Burners

Selection Parameters:			"VFH" LINOFLAME® Burner LINOPAK Pilot	"VFL" LINOFLAME® Burner LINOPAK Pilot	Pilot Assembly Includes:		
Available Natural Gas Pressures	Pilot Mixer	Type of Flame Safeguard			Pilot Mixer	Adjustable Gas Orifice	18mm Spark Ignitor
Low Gas Pressures (4-7" wc)	Venturi-type	Flame Rod	23218 (5) VFH-LO-V-FR	24102 (5) VFL-LO-V-FR	23229	---	18118
	Pressure-type (requires 4-16 osi combustion air)	UV Scanner	23995 (5) VFH-LO-P-UV	24287 (5) VFL-LO-P-UV	11680	38579	
		Flame Rod	22737 (5) VFH-LO-P-FR	24100 (5) VFL-LO-P-FR			
	High Gas Pressures (1-2 PSIG)	Venturi-type	UV Scanner	---	---	---	---
Flame Rod			23219 (5) VFH-HI-V-FR	24101 (5) VFL-HI-V-FR	23230	---	18118
Pressure-type (requires 4-16 osi combustion air)		UV Scanner	28240 (6) VFH-HI-P-UV	28241 (6) VFL-HI-P-UV	25006	38577	
		Flame Rod	27709 (6) VFH-HI-P-FR	27708 (6) VFL-HI-P-FR			

#### Fasteners for flanges ordered loose

Configured Item Number	VF H				VF L					
	Description	NPT	ISO	Part Number	Qty.	Part Number	Qty.	Part Number	Qty.	Part Number
Back inlet flange for (12B) back inlet section	2" NPT	2" ISO	---	---	---	---	40276	4	---	---
	3" NPT	3" ISO	40284	6	---	---	40279	4	---	---
Back inlet flange for (XB) back inlet cross section	3" NPT	3" ISO	40292	6	---	---	---	---	---	---
	4" NPT	4" ISO	40299	6	---	---	---	---	---	---
End inlet flange set	1-1/2" NPT	1-1/2" ISO	---	---	---	---	40266	4	40019	4
	2" NPT	2" ISO	40281	4	40023	4	---	---	---	---

#### Miscellaneous Accessories and/or Replacement Parts

Flame rod (L = 4.5")	1061849	
Spark ignitor	10mm	18110
	14mm	23739
	18mm	18118
Universal Support Bracket (USB) (normally furnished in pairs)	23577 (CS)	
	39940 (SS)	
Rubber cover	18722	

Approximate net weight (in pounds) shown in parentheses



## Assembly Numbers INFRAWAVE® Burners

### INFRAWAVE® Burner Sections Note: All INFRAWAVE® Burner sections use ISO standard (metric) fasteners

Configured Item Number [1]		INFRA SG	INFRA DG
Section Type	Description	"SG" Single Grid	"DG" Double Grid
6" straight sections (I.S.O. assemblies)	Plain	6 S SG (16)	6 S DG (20)
	With pilot, includes side-mounted pressure pilot #25906 which includes #11680 pilot mixer, #18110 spark ignitor, #38579 adjustable pilot gas orifice, with provision for mounting a UV scanner	6 SP SG (18)	6 SP DG (22)
	With SI and FR, includes side-mounted #23739 spark ignitor, opposite of provision for mounting a flame rod (order #18117 flame rod, if used, separately) [2]	---	6 SSF DG (21)
	With SI, includes side-mounted #23739 spark ignitor	6 SS SG (16)	6 SS DG (20)
	With FR-SCAN, includes provision for side-mounting a UV scanner or flame rod (order #18117 flame rod, if used, separately) [2]	6 SFU SG (16)	6 SFU DG (20)
12" straight sections (I.S.O. assemblies)	Plain	12 S SG (32)	12 S DG (40)
	With pilot, includes side-mounted pressure pilot #25906 which includes #11680 pilot mixer, #18110 spark ignitor, #38579 adjustable pilot gas orifice, with provision for mounting a UV scanner	12 SP SG (30)	12 SP DG (37)
	With SI and FR, includes side-mounted #23739 spark ignitor, opposite of provision for mounting a flame rod (order #18117 flame rod, if used, separately) [2]	12 SSF SG (32)	12 SSF DG (40)
	With SI, includes side-mounted #23739 spark ignitor	12 SS SG (30)	12 SS DG (37)
	With FR-SCAN, includes provision for side-mounting a UV scanner or flame rod (order #18117 flame rod, if used, separately) [2]	12 SFU SG (32)	12 SFU DG (40)

[1] To order burner arrangements, order the appropriate configured item number.

[2] A sealed (cannot be disassembled) version of the flame rod, part number 1104615, can also be chosen.

### Approximate net weight (in pounds) shown in parentheses

### Segment Choice Detail - INFRAWAVE® Burner sections

Segment Name	Segment Description	Segment Choices (DEFAULT is shaded)	Segment Choice Description
BAFFLE GRID	Choice of baffle grid	HIGH_PROF	High profile grid
		LOW_PROF	Low profile grid (standard)
GRID CLAMP	Choice of material for grid clamp	SS	Stainless steel clamp material
		STD	Standard clamp material
BODY GASKET	Choice of body gasket	NO	Do not include with order
		YES	Include with order
MAX AIRSTREAM TEMP (F)	Choice of maximum airstream temperature	450	450F max airstream temperature
		600	600F max airstream temperature



## Assembly Numbers INFRAWAVE® Burners

### INFRAWAVE® Burner Sections Note: All INFRAWAVE® Burner sections use ISO standard (metric) fasteners

Configured Item Number [1]		INFRA SG	INFRA DG
Section Type	Description	"SG" Single Grid	"DG" Double Grid
<b>6" bottom inlet sections (I.S.O. assemblies)</b> NOTE: Select optional inlet flange set separately from listing on following page	<b>Plain</b>	6 BI SG (15)	6 BI DG (19)
	<b>With pilot</b> , includes side-mounted pressure pilot, #25906 which includes #11680 pilot mixer, #18110 spark ignitor, #38579 adjustable pilot gas orifice, with provision for mounting a UV scanner	6 BI SP SG (17)	6 BI SP DG (21)
	<b>With SI and FR</b> , includes side-mounted #23739 spark ignitor, opposite of provision for mounting a flame rod (order #18117 flame rod, if used, separately) [2]	---	6 BI SSF DG (19)
	<b>With SI</b> , includes side-mounted #23739 spark ignitor	6 BI SS SG (15)	6 BI SS DG (19)
	<b>With FR-SCAN</b> , includes provision for side-mounting of a UV scanner or flame rod (order #18117 flame rod, if used, separately) [2]	6 BI SFU SG (15)	6 BI SFU DG (19)
<b>12" bottom inlet sections (I.S.O. assemblies)</b> NOTE: Select optional inlet flange set separately from listing on following page	<b>Plain</b>	12 BI SG (28)	12 BI DG (36)
	<b>With pilot</b> , includes side-mounted pressure pilot, #25906 which includes #11680 pilot mixer, #18110 spark ignitor, #38579 adjustable pilot gas orifice, with provision for mounting a UV scanner	12 BI SP SG (31)	12 BI SP DG (38)
	<b>With SI and FR</b> , includes side-mounted #23739 spark ignitor, opposite of provision for mounting a flame rod (order #18117 flame rod, if used, separately) [2]	12 BI SSF SG (29)	12 BI SSF DG (37)
	<b>With SI</b> , includes side-mounted #23739 spark ignitor	12 BI SS SG (28)	12 BI SS DG (36)
	<b>With FR-SCAN</b> , includes provision for side-mounting of a UV scanner or flame rod (order #18117 flame rod, if used, separately) [2]	12 BI SFU SG (29)	12 BI SFU DG (36)
<b>12" side inlet sections (I.S.O. assemblies)</b> NOTE: Select optional inlet flange set separately from listing on following page	<b>Plain</b>	12 SI SG (28)	12 SI DG (35)
	<b>With pilot</b> , includes side-mounted pressure pilot #25906 which includes #11680 pilot mixer, #18110 spark ignitor, # 38579 adjustable pilot gas orifice, with provision for mounting a UV scanner	12 SI SP SG (30)	12 SI SP DG (38)
	<b>With SI and FR</b> , includes side-mounted #23739 spark ignitor, opposite of provision for mounting a flame rod (order #18117 flame rod, if used, separately) [2]	12 SI SSF SG (29)	12 SI SSF DG (36)
	<b>With SI</b> , includes side-mounted #23739 spark ignitor	12 SI SS SG (28)	12 SI SS DG (36)
	<b>With FR-SCAN</b> , includes provision for side-mounting a UV scanner or flame rod (order #18117 flame rod, if used, separately) [2]	12 SI SFU SG (29)	12 SI SFU DG (36)

[1] To order burner arrangements, order the appropriate configured item number.

[2] A sealed (cannot be disassembled) version of the flame rod, part number 1104615, can also be chosen.

**Approximate net weight (in pounds) shown in parentheses**

## Assembly Numbers

### INFRAWAVE® Burners

#### INFRAWAVE® Burner End Plate Sets, Accessory Options and Spare Parts

Description		INFRA SG	INFRA DG	
		"SG" single grid	"DG" double grid	
<b>End Mounted Pilot Assembly</b> NOTE: Select an end plate set from below to close off the end of the burner assembly	<b>End mounted pressure pilot and mounting bracket</b> , includes pressure pilot #24922 which includes #11680 pilot mixer, #18118 spark ignitor, #38579 adjustable pilot gas orifice with provision to mount a flame rod (order #18117 flame rod, if used, separately) [1]	27405 (5)	27404 (5)	
	<b>Bottom &amp; Side Inlet Flange Sets</b> 2" NPT (ANS) 3" NPT (ANS)	27465 (2) 27466 (2)		
<b>Bottom &amp; Side Inlet Flanges</b> 2" ISO 3" ISO	35915 + (4) 54630 32721 + (4) 54630			
	<b>End Inlet Flange Sets</b> 2" NPT (ANS) 3" NPT (ANS)	27462 (2) 27463 (2)		
<b>End Inlet Flanges</b> 2" ISO 3" ISO	35915 + (4) 54630 + (4) 42534 32721 + (4) 54630 + (4) 40023			
	<b>End Closure Sets</b> End plate set - <b>end closure</b> End plate set - <b>bottom and side closure</b>	27461 (3) 27464 (3)		
<b>Miscellaneous Accessory Options and Spare Parts</b>	<b>Flame rod (L - 7-1/8") (A/R)</b>	18117 (unsealed) or 1104615 (sealed)		
	<b>Spark Ignitor (R)</b>	10mm	18110	
		14mm	23739	
		18mm	18118	
	<b>Electrode protective cover (A/R)</b> for flame rod or spark ignitor		18722	
	<b>Universal support bracket (A)</b> USB normally furnished in pairs	zinc plated, good up to 750°F	23577	
		stainless steel, good up to 1600°F	39940	
	<b>Flame rod cooling tee (A)</b>		27549	
	<b>Refractory baffle grid (R)</b>	Standard	1058597 (Low Prof); 1056792 (High Prof)	
		Drilled for pilot	1058598 (Low Prof); 1056793 (High Prof)	
		Drilled for ignitor	1058599 (Low Prof); 1056794 (High Prof)	
	<b>Manifold gasket (R) for field assembly</b>		31796	
	<b>Manifold gasket, 6" body (R)</b>		35358	
	<b>Manifold gasket, 12" body (R)</b>		35359	
	<b>#310SS grid clamp (R)</b>		28341	
<b>#310SS deflector rail (R)</b>		28340		
<b>Deflector rail, cross ignition (R)</b>		34329		

Maximum airstream temperature: 450°F (rubber boot limit); 600°F (burner limit if up-fired, 400°F if down-fired)

[1] A sealed (cannot be disassembled) version of the flame rod, part number 1104615, can also be chosen.

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