

# Assembly Numbers

## Burner Assemblies - Type 13

Type 13 (end-to-end) Assembly	
Burner Designation	Configured Item Number
2 - 13	213 RM
3 - 13	313 RM
4 - 13	413 RM
5 - 13	513 RM
6 - 13	613 RM
7 - 13	713 RM
8 - 13	813 RM
9 - 13	913 RM
10 - 13	1013 RM
SPECIAL	RM SPL

## Burner Assemblies - Type 25 and Type 50

Type 25 (end-to-end) Assembly		Type 50 (side-to-side) Assembly	
Burner Designation	Configured Item Number	Burner Designation	Configured Item Number
3 - 25	325 RM	3 - 50	350 RM
4 - 25	425 RM	4 - 50	450 RM
5 - 25	525 RM	5 - 50	550 RM
6 - 25	625 RM	6 - 50	650 RM
7 - 25	725 RM	7 - 50	750 RM
8 - 25	825 RM	8 - 50	850 RM
9 - 25	925 RM	9 - 50	950 RM
10 - 25	1025 RM	10 - 50	1050 RM
11 - 25	1125 RM	11 - 50	1150 RM
12 - 25	1225 RM	12 - 50	1250 RM
13 - 25	1325 RM	13 - 50	1350 RM
14 - 25	1425 RM	14 - 50	1450 RM
15 - 25	1525 RM	15 - 50	1550 RM
---	---	16 - 50	1650 RM
---	---	17 - 50	1750 RM
---	---	18 - 50	1850 RM
---	---	19 - 50	1950 RM
---	---	20 - 50	2050 RM
---	---	21 - 50	2150 RM
---	---	22 - 50	2250 RM
---	---	23 - 50	2350 RM
---	---	24 - 50	2450 RM
---	---	25 - 50	2550 RM
---	---	26 - 50	2650 RM
SPECIAL	RM SPL	SPECIAL	RM SPL

### Approximate Shipping Weight (in pounds)

RadMax Burner Type >	Type 13	Type 25	Type 50
<b>Burner Head Weight</b>	9.1	8.8	8.8
<b>Manifold Weight (per head)</b>	2" x 2" manifold	5.7	2.0
	2" x 3" manifold	7.4	2.6
	2" x 4" manifold	9.1	3.2
	2" x 5" manifold	10.8	3.8

## Assembly Numbers

### Segment Choice Detail - Type 13 and Type 25 RadMax Burners

Segment Name	Segment Description	Segment Choices (DEFAULT is shaded)	Segment Choice Description
BURNER HEIGHT	Box distance above manifold	EXT	Extended height to match PSR2
		<b>STD</b>	Standard height
BOX TYPE	Machining options	<b>STD</b>	Standard box
MANIFOLD TYPE	Inlet connection location	BI	Back inlet feed
		<b>EF</b>	End feed
DIR SPRK/FLM SENS PORT CHOICE 1  Note: "A" positions refer to the flame rod only choice	Location of direct spark / flame sensing port  Refer to drawings on pages 1410 & 1411 for locations	NONE	No SIR Spk/Flm Sensing Choice
		POS1	Position 1 DS Spk/FR Port
		POS1A	Position 1A FR Only w/18117
		POS10	Position 10 DS Spk/FR Port
		POS10A	Position 10A FR Only w/18117
		POS2	Position 2 DS Spk/FR Port
		POS2A	Position 2A FR Only w/18117
		<b>POS3</b>	Position 3 DS Spk/FR Port
		POS3A	Position 3A FR Only w/18117
		POS4	Position 4 DS Spk/FR Port
		POS4A	Position 4A FR Only w/18117
		POS5	Position 5 DS Spk/FR Port
		POS5A	Position 5A FR Only w/18117
		POS6	Position 6 DS Spk/FR Port
		POS6A	Position 6A FR Only w/18117
		POS7	Position 7 DS Spk/FR Port
		POS7A	Position 7A FR Only w/18117
POS8	Position 8 DS Spk/FR Port		
POS8A	Position 8A FR Only w/18117		
POS9	Position 9 DS Spk/FR Port		
POS9A	Position 9A FR Only w/18117		
DIR SPRK/FLM SENS PORT CHOICE 2	Location of direct spark / flame sensing port - same segment choices as above	<b>POS8</b>	Position 8
DIR SPRK/FLM SENS PORT CHOICE 3	Location of direct spark / flame sensing port - same segment choices as above	<b>NONE</b>	No flame sensing / direct spark
DIR SPRK/FLM SENS PORT CHOICE 4	Location of direct spark / flame sensing port - same segment choices as above	<b>NONE</b>	No flame sensing / direct spark
SHIPPING INSTRUCTIONS	Level of burner assembly prior to shipment	BOTH	Heads and sensors loose
		<b>COMPLETE</b>	Completely assembled
		FSLOOSE	Flame sensors loose
		HEADSLOOSE	Burner heads loose
INCLUDE U-BOLTS	Burner assembly mounting hardware	NO	Do not include with order
		<b>YES</b>	Include with order

## Assembly Numbers

### Segment Choice Detail - Type 50 RadMax Burners

Segment Name	Segment Description	Segment Choices (DEFAULT is shaded)	Segment Choice Description
BURNER HEIGHT	Box distance above manifold	EXT	Extended height to match PSR2
		<b>STD</b>	Standard height
BOX TYPE	Machining options	<b>STD</b>	Standard box
MANIFOLD TYPE	Inlet connection location	BI	Back inlet feed
		<b>EF</b>	End feed
DIR SPRK/FLM SENS PORT CHOICE 1  Note: "A" positions refer to the flame rod only choice	Location of direct spark / flame sensing port  Refer to drawings on page 1412 for locations	NONE	No SIR Spk/Flm Sensing Choice
		POS1	Position 1 DS Spk/FR Port
		POS1A	Position 1A FR Only w/18117
		POS2	Position 2 DS Spk/FR Port
		POS2A	Position 2A FR Only w/18117
		<b>POS3</b>	Position 3 DS Spk/FR Port
		POS3A	Position 3A FR Only w/18117
		POS4	Position 4 DS Spk/FR Port
		POS4A	Position 4A FR Only w/18117
		POS5	Position 5 DS Spk/FR Port
		<b>POS5A</b>	Position 5A FR Only w/18117
		POS6	Position 6 DS Spk/FR Port
		POS6A	Position 6A FR Only w/18117
		POS7	Position 7 DS Spk/FR Port
		POS7A	Position 7A FR Only w/18117
POS8	Position 8 DS Spk/FR Port		
POS8A	Position 8A FR Only w/18117		
DIR SPRK/FLM SENS PORT CHOICE 2	Location of direct spark / flame sensing port - same segment choices as above	<b>POS7</b>	Position 7
DIR SPRK/FLM SENS PORT CHOICE 3	Location of direct spark / flame sensing port - same segment choices as above	<b>NONE</b>	No flame sensing / direct spark
DIR SPRK/FLM SENS PORT CHOICE 4	Location of direct spark / flame sensing port - same segment choices as above	<b>NONE</b>	No flame sensing / direct spark
ASSEMBLY INSTRUCTIONS	Level of burner assembly prior to shipment	BOTH	Ship heads and sensors loose
		<b>COMPLETE</b>	Ship completely assembled
		FSLOOSE	Ship flame sensors loose
		HEADSLOOSE	Ship burner heads loose
INCLUDE U-BOLTS	Burner assembly mounting hardware	NO	Do not include with order
		<b>YES</b>	Include with order

## Assembly Numbers

### Burner head assemblies

Burner type	Description	Assembly number
Type 13	Burner head assembly - standard height	1057690
	Burner head assembly - metal foam standard height	1071708
	Burner head assembly - extended height	1060524
	Burner head assembly - metal foam extended height	1071709
Type 25/50	Burner head assembly - standard height	1057617
	Burner head assembly - metal foam standard height	1071706
	Burner head assembly - extended height	1060523
	Burner head assembly - metal foam extended height	1071707

### Recommended spare parts

Description	Assembly number
Direct spark flame sensing port	1057903
Spark ignitor / flame rod	1058544
Ceramic tile (3 per box required)	44938
CSST corrugated tubing 1/4" I.D. x 18" long	1060048
Fuel inlet gasket	1057993
Burner body gasket - Type 25/50	1076269
Burner body gasket - Type 13	1080872
Diffuser plate - Type 25/50	1057351
Diffuser plate - Type 13	1057679
Tile retainer - Type 25/50	1057359
Tile retainer - Type 13	1057683
Fuel inlet - standard	1056590
Fuel inlet - extended length	1057999
Spring clip - Type 25/50	1057384
Spring clip - Type 13	1057734
Bottom clamp	1058011
Box clamp (included with head assembly)	1057917
Fastener kit (2" x 2" and 2" x 3")	1060692
Fastener kit (2" x 4" and 2" x 5")	1060693
Valve for DS/FS port	1062304
Metal foam emitter - Type 25/50	1071411
Metal foam emitter - Type 13	1071412
Mounting bracket - FR only	50119149-001
Flame rod for 50119149-001	18117

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