

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 |
|-----------------------------------|------------------|---------|---------|
| Burner Head Weight | 9.1 | 8.8 | 8.8 |
| Manifold Weight (per head) | 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 |
| | | STD | Standard height |
| BOX TYPE | Machining options | STD | Standard box |
| MANIFOLD TYPE | Inlet connection location | BI | Back inlet feed |
| | | EF | 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 |
| | | POS3 | 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 | POS8 | Position 8 |
| DIR SPRK/FLM SENS PORT CHOICE 3 | Location of direct spark / flame sensing port - same segment choices as above | NONE | No flame sensing / direct spark |
| DIR SPRK/FLM SENS PORT CHOICE 4 | Location of direct spark / flame sensing port - same segment choices as above | NONE | No flame sensing / direct spark |
| SHIPPING INSTRUCTIONS | Level of burner assembly prior to shipment | BOTH | Heads and sensors loose |
| | | COMPLETE | Completely assembled |
| | | FSLOOSE | Flame sensors loose |
| | | HEADSLOOSE | Burner heads loose |
| INCLUDE U-BOLTS | Burner assembly mounting hardware | NO | Do not include with order |
| | | YES | 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 |
| | | STD | Standard height |
| BOX TYPE | Machining options | STD | Standard box |
| MANIFOLD TYPE | Inlet connection location | BI | Back inlet feed |
| | | EF | 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 |
| | | POS3 | 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 | | |
| DIR SPRK/FLM SENS PORT CHOICE 2 | Location of direct spark / flame sensing port - same segment choices as above | POS7 | Position 7 |
| DIR SPRK/FLM SENS PORT CHOICE 3 | Location of direct spark / flame sensing port - same segment choices as above | NONE | No flame sensing / direct spark |
| DIR SPRK/FLM SENS PORT CHOICE 4 | Location of direct spark / flame sensing port - same segment choices as above | NONE | No flame sensing / direct spark |
| ASSEMBLY INSTRUCTIONS | Level of burner assembly prior to shipment | BOTH | Ship heads and sensors loose |
| | | COMPLETE | 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 |
| | | YES | 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 |