

- Operating Temperatures up to 2300°
- Tungsten, Tantalum or Graphite hot zones
- Patented Belt System
- Repeatable Temperature Profiles on every component processed
- Inert or Reducing Process Atmospheres

Model	2BF	4BF	6BF	8BF
Usable Hot Zone	2" (5cm) W .5" (1.3cm) H 8" (20cm) L	4" (10.2cm) W .62" (1.6cm) H 8" (20cm) L	6" (15.2cm) W 1" (2.5cm) H 36" (91cm) L	8" (20cm) W 1" (2.5cm) H *48"-72"
Maximum Temp. Tungsten Hot Zone Graphite Hot Zone	2000°C 2300°C	2000°C 2300°C	2000°C 2300°C	2000°C 2300°C
Belt Speed Range	.2"/min 20"/min.	.2"/min 20"/min.	.1"/min 5"/min.	.1"/min 5"/min.
Process Gas Flow+	14 LPM	28 LPM	70 LPM	90 LPM
Elect. Req. KVA Inert H ₂	25 30	30 35	120 150	200 ^x 240
Water Req. GPM (LPM)	7 (19)	9 (34)	35 (133)	55 (207)
Floor Space Feet (m)	4' x 10' (1.2 x 3.1)	4' x 10' (1.2 x 3.1)	5' x 14' (1.5 x 4.2)	6' x 16' (1.8 x 4.9)

Model	44BF	66BF	124BF
Usable Hot Zone	4" (10cm) W 4" (10cm) H *36"-96"	6" (15cm) W 6" (15cm) H *36"-36"	12" (30cm) W 4" (10cm) H *36"-96"
Maximum Temp. Tungsten Hot Zone Graphite Hot Zone	2000°C 2300°C	2000°C 2300°C	2000°C 2300°C
Belt Speed Range	.1"/min 5"/min.	.1"/min 5"/min.	.1"/min 5"/min.
Process Gas Flow+	140 LPM	160 LPM	220 LPM
Elect. Req. KVA Inert H ₂	200 ^x 240	240 ^x 300	350 ^x N/A
Water Req. GPM (LPM)	55 (207)	68 (256)	80 (303)
Floor Space Feet (m)	6' x 16' (1.8 x 4.9)	6' x 16' (1.8 x 4.9)	7' x 16' (2.1 x 4.9)

* The hot zone length is customized to suit production requirements

+ Process gases of Argon, Nitrogen, Hydrogen and Helium are utilized

^x Power is appropriate for shortest hot zone length listed