

RHL-P series parabolic tubular furnace

Provides a wide uniform temperature zone and high speed heating/cooling in the development of various type of substrates, deposition, annealing evaluation tests.

Parabolic Reflector Furnace RHL-P Series						
Tubular Furnace						
Size (mm)						
MODEL NO.	P65C	P68C	P610C	P616C	P810C	P816C
	P	P	P	P	P	P
Max. attainable temperature	1200°C	1200°C	1200°C	1200°C	1100°C	1100°C
Max. temperature for normal use	1000°C	1000°C	1000°C	1000°C	1000°C	1000°C
Heating length A	140mm	200mm	265mm	420mm	265mm	420mm
Overall length B	236mm	296mm	361mm	516mm	361mm	516mm
Opening diameter	φ104mm	φ104mm	φ104mm	φ104mm	φ124mm	φ124mm
Focusing dia.	Approx.40mm-dia	Approx.40mm-dia	Approx.40mm-dia	Approx.40mm-dia	Approx.50mm-dia	Approx.50mm-dia
Number of lamp	6	6	6	6	8	8
Type of lamp	1.2-5-144	1.6-8-200	2-10-200	3-16-300	2-10-200	3-16-300
Rated voltage	144	200	200	300	200	300
Rating	7.2kW	9.6kW	12.0kW	18.0kW	16.0kW	24.0kW
Cooling water	4.0 l/min · 3kgf/cm ²	5.0 l/min · 3kgf/cm ²	6.0 l/min · 3kgf/cm ²	8.0 l/min · 3kgf/cm ²	7.0 l/min · 3kgf/cm ²	8.0 l/min · 3kgf/cm ²
Cooling gas	—	—	—	—	—	—
Weight	7.2kg	8.5kg	10.5kg	14.5kg	12.7kg	18.2kg

* Max. attainable temperature and max. temperature for normal use shall be changed due to the material of the each sample.

RHL-Ps & Pss series planar radiation heating furnace

For applications ranging from simulation test of rapid heating/cooling processes to small-scale production equipment.

Parabolic Reflector Furnace RHL-Ps & Pss series						
Tubular Furnace	Planar Furnace		Planar Furnace			
P1210C	P1216C	Ps35V	Ps310V	Pss34V	Pss78V	Pss1108V
P	P	P	P			
1000°C	1000°C	—	—	—	—	—
900°C	900°C	—	—	—	—	—
265mm	420mm	140mm	265mm	100mm	200mm	200mm
361mm	516mm	236mm	361mm	200mm	300mm	300mm
φ204mm	φ204mm	—	—	—	—	—
Approx.80mm-dia	Approx.80mm-dia	—	—	—	—	—
12	12	3	3	3	7	11
2-10-200	3-16-300	1.2-5-144	2-10-200	P2-4-200	P1.6-8-200	P1.6-8-200
200	300	144	200	200	200	200
24.0kW	36.0kW	3.6kW	6.0kW	6.0kW	11.2kW	17.6kW
8.0 l/min · 3kgf/cm ²	10.0 l/min · 3kgf/cm ²	2.0 l/min · 3kgf/cm ²	3.0 l/min · 3kgf/cm ²	2.0 l/min · 3kgf/cm ²	5.0 l/min · 3kgf/cm ²	8.0 l/min · 3kgf/cm ²
—	—	—	—	—	—	—
21.0kg	29.0kg	2.5kg	3.0kg	1.7kg	4.0kg	6.0kg

* Max. attainable temperature and max. temperature for normal use shall be changed due to the material of the each sample.