

Tube Furnaces, Box Furnaces, LAT

Tube and box furnaces with high-quality workmanship. All the systems offered here are equipped with the Honeywell DC 1010 controller with setpoint and actual value display. (Heating up the furnace to the desired temperature and holding it there.) All systems are available in 240 V or 110 V versions and single-phase. The rule of thumb for the uniform zone inside a tube furnace is: heated length minus 5 × tube diameter.

① Tube furnaces

Article	Dia/heated L mm	T _{max} °C	Temp. const. °C	Honeywell DC 1010	Tube mat.	Order No.
PTF12/20/250	20/250	1200	1150	s.o.	Mullite	42 73 12250
PTF12/38/450	38/450	1200	1150	s.o.	Mullite	42 73 12450
PTF12/50/250	50/250	1200	1150	s.o.	Mullite	42 73 13250
PTF12/50/450	50/450	1200	1150	s.o.	Mullite	42 73 13450
PTF12/75/600	75/600	1200	1150	s.o.	Mullite	42 73 12600
PTF12/105/750	105/750	1200	1150	s.o.	Mullite	42 73 12750
PTF12/105/900	105/900	1200	1150	s.o.	Mullite	42 73 12900
PTF14/50/450	450	1400	1350	Eurotherm 91e	Ceramic	42 73 14450
PTF12/50/250V ¹⁾		1200	1150	1.315	Mullite	42 73 15250
PZF12/50/750 ²⁾		1200	1150	2.158	Mullite	42 73 15750

1) Vertical furnace stand 2) 3-zone furnace with 3 × DC 1010 controllers
Swivel-mounted tube furnaces on request.

② Box furnaces

Article	Vol. l	T _{max} °C	Honeywell DC 1010	Order No.
Box furnace PLF110/6	6.3	1100	1.218	42 73 11006
Box furnace PLF110/8	7.5	1100	1.326	42 73 11008
Box furnace PLF110/30	28.0	1100	1.725	42 73 11030
Box furnace PLF120/5	5.0	1200	1.355	42 73 12005
Box furnace PLF120/7	7.3	1200	1.463	42 73 12007
Box furnace PLF120/10	10.0	1200	1.551	42 73 12010
Box furnace PLF120/12	12.0	1200	1.678	42 73 12012
Box furnace PLF120/15	15.0	1200	1.766	42 73 12015
Box furnace PLF120/27	27.4	1200	1.862	42 73 12027



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