



# Control Systems

## Deltech Furnaces

*Certified by Intertek  
UL508A compliant*

ISO 9001:2015 certified



- Every Deltech control system is certified by Intertek to be UL508A compliant.
- Standard safety features include overtemperature protection, an emergency stop, door interlocks, safety relay, and isolation switches.
- Nema One enclosures with a side hinged front door opening provide easy access to all components.
- Eurotherm 3504 autotuning programmable temperature controller is our standard; other controllers are available upon request.
- Optional, customized HMI systems ([Human Machine Interface](#)) allow remote access and control; data acquisition; and event logging.
- [Control Concepts](#) power controllers
- [Olsun](#) transformers



<b>kVA</b>	<b>1 or 3 Ph</b>	<b>Transformer Enclosure*</b>	<b>Weight</b>	<b>Transformer Dimensions</b>	<b>Cabinet Weight</b>	<b>Cabinet Dimensions</b>
3	1	No	50 LB / 23 KG	18 x 20 x 24	110 LB / 50 KG *	63 x 56 x 46
6	1	No	90 LB / 41 KG	23 x 27 x 23	139 LB / 63 KG *	63 x 56 x 46
7.5	1	No	100 LB / 46 KG	30 x 23 x 21 cm	176 LB/ 80 KG *	63 x 56 x 46
10	1	Yes	220 LB / 100 KG	41 x 41 x 79 cm	66 LB/ 30 KG	63 x 56 x 46
12	1	Yes	240 LB / 110 KG	41 x 41 x 79 cm	66 LB/ 30 KG	63 x 56 x 46
15	1	Yes	300 LB / 137 KG	61 x 41 x 79 cm	66 LB/ 30 KG	63 x 56 x 46
20	3	Yes	310 LB / 141 KG	61 x 41 x 79 cm	126 LB / 57 KG	63 x 56 x 46
25	3	Yes	450 LB / 205 KG	61 x 41 x 79 cm	126 LB / 57 KG	63 x 56 x 46
30	3	Yes	375 LB/ 171 KG	61 x 41 x 79 cm	126 LB / 57 KG	63 x 56 x 46
36	3	Yes	390 LB/ 178 KG	61 x 41 x 79 cm	126 LB / 57 KG	63 x 56 x 46
50	3	Yes	500 LB / 228 KG	77 x 51 x 94 cm	132 LB/ 60 KG	63 x 56 x 46
65	3	Yes	600 LB / 273 KG	77 x 51 x 94 cm	326 LB / 148 KG	63 x 56 x 46
75	3	Yes	645 LB/ 294 KG	77 x 51 x 94 cm	326 LB / 148 KG	63 x 56 x 46
90	3	Yes	970 LB/ 441 KG	92 x 61 x 95 cm	340 LB/ 154 KG	63 x 56 x 46
130	3	Yes	1200 LB/ 546 KG	122 x 77 x 122	340 LB/ 154 KG	63 x 56 x 46
150	3	Yes	1500 LB / 682	122 x 77 x 122	340 LB/ 154 KG	63 x 56 x 46

\* Transformers not housed in separate enclosures are inside the control cabinet. The transformer weight is then included in the cabinet weight.