



Standard (Non-Stock) Duct Heaters

Watt Density		Dimensions Reference Number	Part Number			Part Number			
W/in ²	W/cm ²		240V-1Ph (C*)	240V-3Ph (C*)	Replacement Elements	480V-1 Ph (C*)	480V-3 Ph (C*)	Replacement Elements	
20	3.1	6	1	TDH01002 (1)	TDH01003 (1)	THE03405	TDH01004 (1)	TDH01005 (1)	THE03819
		12	2	TDH01006 (1)	TDH01007 (1)	THE03405	TDH01008 (1)	TDH01009 (1)	THE03819
		18	3	TDH01010 (2)	TDH01011 (1)	THE03405	TDH01012 (1)	TDH01013 (1)	THE03819
		24	4	TDH01014 (2)	TDH01015 (2)	THE03405	TDH01016 (1)	TDH01017 (1)	THE03819
		30	5	—	TDH01018 (2)	THE03405	TDH01019 (2)	TDH01020 (1)	THE03819
		36	6	—	TDH01021 (2)	THE03405	TDH01022 (2)	TDH01023 (1)	THE03819
		42	7	—	TDH01024 (2)	THE03405	TDH01025 (2)	TDH01026 (1)	THE03819
		48	8	—	TDH01027 (4)	THE03405	TDH01028 (2)	TDH01029 (2)	THE03819
		54	9	—	TDH01030 (3)	THE03405	TDH01031 (3)	TDH01032 (2)	THE03819
		60	10	—	TDH01033 (4)	THE03405	TDH01034 (4)	TDH01035 (2)	THE03819
		75	11	—	TDH01036 (4)	THE03845	TDH01037 (4)	TDH01038 (2)	THE03846
		100	12	—	—	—	—	TDH01039 (4)	THE03847
		125	13	—	—	—	—	TDH01040 (4)	THE03848
30	4.7	9	1	TDH01072 (1)	TDH01073 (1)	THE03849	TDH01074 (1)	TDH01075 (1)	THE03851
		18	2	TDH01076 (2)	TDH01077 (1)	THE03849	TDH01078 (1)	TDH01079 (1)	THE03851
		27	3	TDH01080 (3)	TDH01081 (2)	THE03849	TDH01082 (2)	TDH01083 (1)	THE03851
		36	4	—	TDH01084 (2)	THE03849	TDH01085 (2)	TDH01086 (1)	THE03851
		45	5	—	TDH01087 (5)	THE03849	TDH01088 (2)	TDH01089 (2)	THE03851
		54	6	—	TDH01090 (3)	THE03849	TDH01091 (3)	TDH01092 (2)	THE03851
		63	7	—	TDH01093 (7)	THE03849	TDH01094 (3)	TDH01095 (2)	THE03851
		72	8	—	TDH01096 (4)	THE03849	TDH01097 (4)	TDH01098 (2)	THE03851
		81	9	—	TDH01099 (6)	THE03849	TDH01100 (6)	TDH01101 (3)	THE03851
		90	10	—	TDH01102 (5)	THE03849	TDH01103 (4)	TDH01104 (4)	THE03851
		115	11	—	TDH01105 (10)	THE03850	TDH01106 (5)	TDH01107 (4)	THE03852
		150	12	—	—	—	—	TDH01108 (4)	THE03853
		190	13	—	—	—	—	TDH01109 (5)	THE03854

(C*) = Number of Branch Circuits per heater (48 amps each branch max). For different circuit wiring configurations consult Tempco.

Ordering Information

Catalog Heaters

Order by catalog number for catalog heaters.

Standard lead time is 3 to 4 weeks.

Note that Replacement Element Part Numbers for each heater are also listed.

Custom Engineered/Manufactured Heaters

For sizes and ratings not listed, **TEMPCO** will design and manufacture a Duct Heater to meet your requirements. Specify if UL or CSA approval required.

Please Specify the following:

- | | | |
|---|--|---|
| <input type="checkbox"/> Duct size | <input type="checkbox"/> Element watt density | <input type="checkbox"/> Over-temperature thermocouple, if required |
| <input type="checkbox"/> Air flow velocity | <input type="checkbox"/> Element sheath material | <input type="checkbox"/> UL or CSA approval |
| <input type="checkbox"/> Inlet and outlet temperature | <input type="checkbox"/> Mounting flange material | <input type="checkbox"/> Any other modifications |
| <input type="checkbox"/> Wattage, voltage and phase | <input type="checkbox"/> Insulation thickness | |
| <input type="checkbox"/> Number of circuits | <input type="checkbox"/> Electrical enclosure type | |

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Power Control Panels for Process Heaters



Note: Power Control Panels featuring mechanical or solid state controls with all other necessary components can be provided by TEMPCO for any size duct heater. Refer to Section 13, pages 13-56 through 13-63 for complete details.

