

A smarter solution.

A better choice  
all-around.



**CALIENTÉ**  
HEAT SMARTER

## CALIENTÉ PRICE AND PERFORMANCE FOR OUTDOOR ENCLOSURES

Forced convection heaters—smarter design, better performance, and easy to use. Now that's pretty cool!

At Calienté, we make smart heaters that are built to last and built to save you money. Which helps give you an advantage over the competitors in your industry. Hands down.

### BENEFITS:

- **Self Regulating PTC Technology** – resistance increases as temperature increases, lower current draw and heater power.
- **Versatility** – ideal for cold starts/proper function of sensitive electronics, and anti-condensation
- **Ease of Installation** – fan and heater are pre-wired, and DIN clip allows for quick mounting
- **Compact Design** – low profile ideal for cabinets with space constraints
- **Overall Value** – cost effective heating for small to mid-sized cabinets, enclosures and related hardware



AX DESIGN

BX DESIGN

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**HEAT SMARTER**

# Technical Specifications

## FORCED CONVECTION HEATERS

### FAN FORCED PTC CONVECTION HEATERS — AC POWERED

Calienté PN	Volts—Nominal	Watts	Expected Current Nominal (Amps)	Inrush Current (Amps)	Width x Height x Length (in)	Width x Height x Length (mm)	Fan CFM (M3/hr)	Connection
FCH120100-AX	120	100	0.83	1.67	3.2x3.2x6.3	80x80x160	35 (59.5)	Lead Wires
FCH120200-AX	120	200	1.67	3.33	3.2x3.2x6.3	80x80x160	35 (59.5)	Lead Wires
FCH120250-AX	120	250	2.08	4.17	3.2x3.2x6.3	80x80x160	35 (59.5)	Lead Wires
FCH120300-AX	120	300	2.50	5.00	3.2x3.2x6.3	80x80x160	35 (59.5)	Lead Wires
FCH120400-AX	120	400	3.33	6.67	3.2x3.2x12.0	80x80x160	35 (59.5)	Lead Wires
FCH120500-AX	120	500	4.17	8.33	3.2x3.2x12.0	80x80x160	35 (59.5)	Lead Wires
FCH120600-AX	120	600	5.00	10.00	3.2x3.2x12.0	80x80x160	35 (59.5)	Lead Wires
FCH240100-AX	240	100	0.42	0.83	3.2x3.2x6.3	80x80x160	35 (59.5)	Lead Wires
FCH240200-AX	240	200	0.83	1.67	3.2x3.2x6.3	80x80x160	35 (59.5)	Lead Wires
FCH240250-AX	240	250	1.04	2.08	3.2x3.2x6.3	80x80x160	35 (59.5)	Lead Wires
FCH240300-AX	240	300	1.25	2.50	3.2x3.2x6.3	80x80x160	35 (59.5)	Lead Wires
FCH240400-AX	240	400	1.67	3.33	3.2x3.2x12.0	80x80x160	35 (59.5)	Lead Wires
FCH240500-AX	240	500	2.08	4.17	3.2x3.2x12.0	80x80x160	35 (59.5)	Lead Wires
FCH240600-AX	240	600	2.50	5.00	3.2x3.2x12.0	80x80x160	35 (59.5)	Lead Wires
FCH120300-BX	120	300	2.50	5.00	3.6x3.6x5.5	92x92x140	35 (59.5)	Terminal Block
FCH120400-BX	120	400	3.33	6.67	3.6x3.6x5.5	92x92x140	35 (59.5)	Terminal Block
FCH120500-BX	120	500	4.17	8.33	3.6x3.6x5.5	92x92x140	35 (59.5)	Terminal Block
FCH120600-BX	120	600	5.00	10.00	3.6x3.6x5.5	92x92x140	35 (59.5)	Terminal Block
FCH120700-BX	120	700	5.83	11.67	3.6x3.6x5.5	92x92x140	35 (59.5)	Terminal Block
FCH120800-BX	120	800	6.67	13.33	3.6x3.6x5.5	92x92x140	35 (59.5)	Terminal Block
FCH120900-BX	120	900	7.50	15.00	3.6x3.6x5.5	92x92x140	35 (59.5)	Terminal Block
FCH1201000-BX	120	1000	8.33	16.67	3.6x3.6x5.5	92x92x140	35 (59.5)	Terminal Block
FCH240300-BX	240	300	1.25	2.50	3.6x3.6x5.5	92x92x140	35 (59.5)	Terminal Block
FCH240400-BX	240	400	1.67	3.33	3.6x3.6x5.5	92x92x140	35 (59.5)	Terminal Block
FCH240500-BX	240	500	2.08	4.17	3.6x3.6x5.5	92x92x140	35 (59.5)	Terminal Block
FCH240600-BX	240	600	2.50	5.00	3.6x3.6x5.5	92x92x140	35 (59.5)	Terminal Block
FCH240700-BX	240	700	2.92	5.83	3.6x3.6x5.5	92x92x140	35 (59.5)	Terminal Block
FCH240800-BX	240	800	3.33	6.67	3.6x3.6x5.5	92x92x140	35 (59.5)	Terminal Block
FCH240900-BX	240	900	3.75	7.50	3.6x3.6x5.5	92x92x140	35 (59.5)	Terminal Block
FCH2401000-BX	240	1000	4.17	8.33	3.6x3.6x5.5	92x92x140	35 (59.5)	Terminal Block

### FAN FORCED PTC CONVECTION HEATERS — DC POWERED

Calienté PN	Volts—Nominal	Watts	Current—Nominal	Expected Inrush (mid)	Width x Height x Length (in)	Width x Height x Length (mm)	Fan CFM (M3/hr)	Connection
DC FCH012010	12	10	0.83	1.67	1.0x1.1x2.0	25x28x50	3 (5.1)	24" Cable
DC FCH012020	12	20	1.67	3.33	1.0x1.1x2.8	25x28x72	3 (5.1)	24" Cable
DC FCH012030	12	30	2.50	5.00	1.0x1.1x2.8	25x28x72	3 (5.1)	24" Cable
DC FCH012040	12	40	3.33	6.67	1.0x1.1x2.8	25x28x72	3 (5.1)	24" Cable
DC FCH012060	12	60	5.00	10.00	1.7x1.7x2.8	43x43x72	3 (5.1)	24" Cable
DC FCH024010	24	10	0.42	0.83	1.0x1.1x2.0	25x28x50	3 (5.1)	24" Cable
DC FCH024020	24	20	0.83	1.67	1.0x1.1x2.8	25x28x72	3 (5.1)	24" Cable
DC FCH024030	24	30	1.25	2.50	1.0x1.1x2.8	25x28x72	3 (5.1)	24" Cable
DC FCH024040	24	40	1.67	3.33	1.0x1.1x2.8	25x28x72	3 (5.1)	24" Cable
DC FCH024060	24	60	2.50	5.00	1.7x1.7x2.8	43x43x72	3 (5.1)	24" Cable
DC FCH024100-AX	24	100	4.17	8.33	3.3x3.3x7.0	83x83x178	30 (51)	12" Cable
DC FCH024150-AX	24	150	6.25	12.50	3.3x3.3x7.0	83x83x178	30 (51)	12" Cable
DC FCH024200-AX	24	200	8.33	16.67	3.3x3.3x7.0	83x83x178	30 (51)	12" Cable
DC FCH024300-AX	24	300	12.50	25.00	3.3x3.3x7.0	83x83x178	30 (51)	12" Cable
DC FCH024400-AX	24	400	16.67	33.33	3.3x3.3x7.0	83x83x178	30 (51)	12" Cable
DC FCH024450-AX	24	450	18.75	37.50	3.3x3.3x12.0	83x83x305	30 (51)	12" Cable
DC FCH024600-AX	24	600	25.00	50.00	3.3x3.3x12.0	83x83x305	30 (51)	12" Cable
DC FCH048100-AX	48	100	2.08	4.17	3.3x3.3x7.0	83x83x178	30 (51)	12" Cable
DC FCH048150-AX	48	150	3.13	6.25	3.3x3.3x7.0	83x83x178	30 (51)	12" Cable
DC FCH048200-AX	48	200	4.17	8.33	3.3x3.3x7.0	83x83x178	30 (51)	12" Cable
DC FCH048300-AX	48	300	6.25	12.50	3.3x3.3x7.0	83x83x178	30 (51)	12" Cable
DC FCH048400-AX	48	400	8.33	16.67	3.3x3.3x7.0	83x83x178	30 (51)	12" Cable
DC FCH048450-AX	48	450	9.38	18.75	3.3x3.3x12.0	83x83x305	30 (51)	12" Cable
DC FCH048600-AX	48	600	12.50	25.00	3.3x3.3x12.0	83x83x305	30 (51)	12" Cable



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