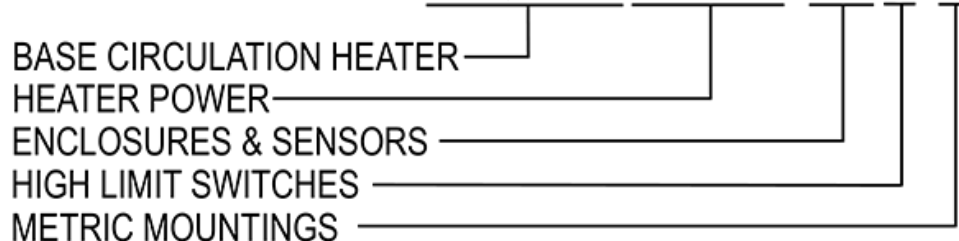


CAST-X 1000 Circulation Heater Part Numbering System

BX8L4M AAAA-BBC-D



Building a CAST-X 1000 Part Number:

Use the tables below to build each section of your CAST-X 1000. After assigning letters/numbers for each applicable section, you will have a complete part number, ready to quote.

For assistance, contact CAS directly.

VOLTAGE, POWER, CIRCUIT TYPE				
<i>Volts refers to line volts (VL). Amps refers to line current (IL).</i>				
Section "AAAA"	Circuit Type (all are single circuit)	Volts (V)	Watts (W)	Amps (A)
200A	SINGLE PHASE	240	3000	12.5
		230	2750	12.0
200D	SINGLE PHASE	240	750	3.1
		230	690	3.0
200B	SINGLE PHASE	480	3000	6.3
		347	1570	4.4
200C	SINGLE PHASE	120	750	6.3

METRIC MOUNTING HOLES	
<i>Place an "M" in section D if metric mounting holes are required. If standard Imperial mounting holes are desired, section D can be left blank.</i>	
Section "D"	Metric Mounting Holes
M	M8 X 1.25 METRIC TAPPED MOUNTING HOLES

CUSTOM DESIGNS & COMPONENTS
<i>CAS offers several options for special tubes, sensors, and finishes. For these options, please call a CAS Representative for a quote.</i>
INCONEL, MONEL OR HASTELLOY TUBES
ELECTRO-POLISHED OR PASSIVATED TUBES
THICK WALL TUBES
NPT FITTINGS
RTDS (RESISTANCE TEMPERATURE DETECTORS)
SPECIAL HIGH-LIMIT SWITCHES

ENCLOSURES AND SENSORS			
<i>All thermocouples are ungrounded, for optimal performance.</i>			
Section "BB"	Description	Thermocouple Qty.	Enclosure
00	NO SENSOR	0	NO ENCLOSURE
S2	30 TO 250°F (-1 TO 121°C) SINGLE POLE THERMOSTAT	1	NEMA 1
SJ	J-TYPE THERMOCOUPLE IN THERMOWELL	1	NEMA 1
SK	K-TYPE THERMOCOUPLE IN THERMOWELL	1	NEMA 1
W0	NO SENSOR	0	NEMA 4
W2	30 TO 250°F (-1 TO 121°C) SINGLE POLE THERMOSTAT	1	NEMA 4
WJ	J-TYPE THERMOCOUPLE IN THERMOWELL	1	NEMA 4
WK	K-TYPE THERMOCOUPLE IN THERMOWELL	1	NEMA 4

SNAP ACTION HIGH LIMITS SWITCHES	
<i>Pilot duty only.</i>	
Section "C"	Switch
0	NONE
1	MANUAL RESET, 260°F (127°C)

ACCESSORIES	
<i>These PNs are totally separate from the PNs for the heater.</i>	
Part Number	Component
274-55-6-4	COMPRESSION FITTINGS (HIGH PRESSURE) / PAIR (SHIPPED LOOSE)
307-0-2-1	INSULATION JACKET, MAXIMUM TEMPERATURE 400°F (204°C)
307-0-20-1	INSULATION JACKET, MAXIMUM TEMPERATURE 986°F (530°C)