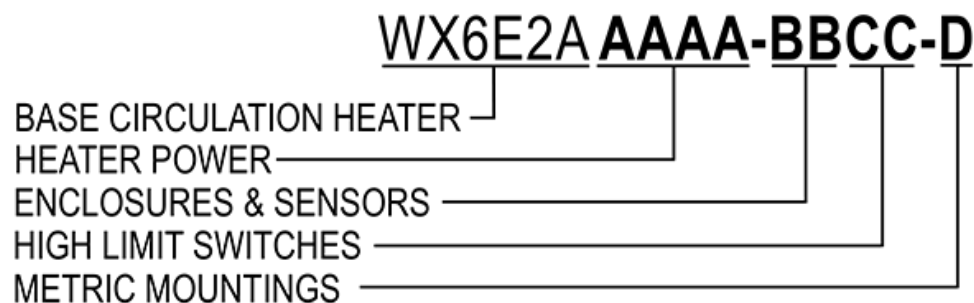


CAST-X 500 Circulation Heater Part Numbering System



Building a CAST-X 500 Part Number:
 Use the tables below to build each section of your CAST-X 500. After assigning letters/numbers for each applicable section, you will have a complete part number, ready to quote.
 For assistance, contact CAS directly.

ENCLOSURES AND SENSORS			
<i>All thermocouples are ungrounded, for optimal performance.</i>			
Section "BB"	Description	Thermocouple Qty.	Enclosure
00	NO SENSOR	0	NO ENCLOSURE
0J	J-TYPE THERMOCOUPLE IN CASTING	1	NO ENCLOSURE
0K	K-TYPE THERMOCOUPLE IN CASTING	1	NO ENCLOSURE
S0	NO SENSOR	0	NEMA 1
SJ	J-THERMOCOUPLE IN CASTING	1	NEMA 1
SK	K-THERMOCOUPLE IN CASTING	1	NEMA 1
W0	NO SENSOR	0	NEMA 4
WJ	J-TYPE THERMOCOUPLE IN CASTING	1	NEMA 4
WK	K-TYPE THERMOCOUPLE IN CASTING	1	NEMA 4
E0	NO SENSOR	0	NEMA 7
EJ	J-TYPE THERMOCOUPLE IN CARTRIDGE HEATER	1	NEMA 7
EK	K-TYPE THERMOCOUPLE IN CARTRIDGE HEATER	1	NEMA 7

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)
300A	SINGLE PHASE	120	300	2.5
300B	SINGLE PHASE	120	1500	12.5
300C	SINGLE PHASE	240	300	1.3
		230	275	1.2
300D	SINGLE PHASE	240	500	2.1
		230	460	2.0
300E	SINGLE PHASE	240	750	3.1
		230	690	3.0
300F	SINGLE PHASE	240	1000	4.2
		230	920	4.0
300G	SINGLE PHASE	240	1200	5.0
		230	1100	4.8
300H	SINGLE PHASE	240	1500	6.3
		230	1380	6.0
300J	SINGLE PHASE	208	1125	5.4
300K	SINGLE PHASE	208	900	4.3
300L	SINGLE PHASE	208	750	3.6
300M	SINGLE PHASE	208	565	2.7

SNAP ACTION HIGH LIMITS SWITCHES	
<i>Available only with "No Enclosure" options.</i>	
Section "CC"	Switch
00	NONE
01	MANUAL RESET, 260°F (127°C)
02	AUTOMATIC RESET, 500°F (260°C)

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	M6 X 1.00 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	

ACCESSORIES	
<i>These PNs are totally separate from the PNs for the heater.</i>	
Part Number	Component
274-55-6-1	COMPRESSION FITTINGS (HIGH PRESSURE) / PAIR (SHIPPED LOOSE)
307-0-12-1	INSULATION JACKET, MAXIMUM TEMPERATURE 400°F (204°C)