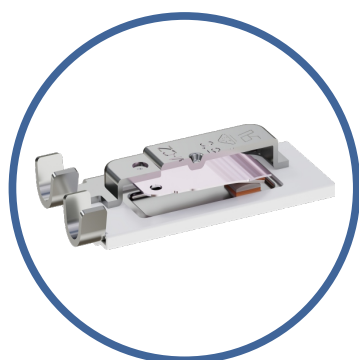


17AM / 3MP / 6AP SERIES

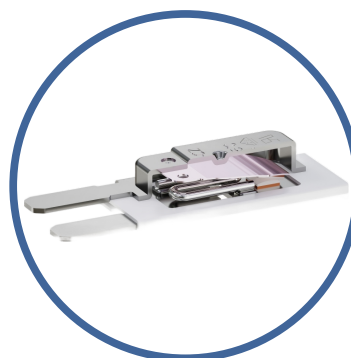
Overcurrent Protector

Introduction

17AM/3MP/6AP series is a thermal protector with dual protection functions of over temperature and over current, and with power reset/delay function; The product is ultra thin , and small in size, large capacity and fast in tripping.



17AM



6AP



3MP

17AM/6AP/3MP SERIES SPECIFICATIONS

Application Range

This product can prevent the following equipment from overheating

- (1)Vacuum cleaner, shredder, blender, lawn mower
- (2)Snow plows and fog removers

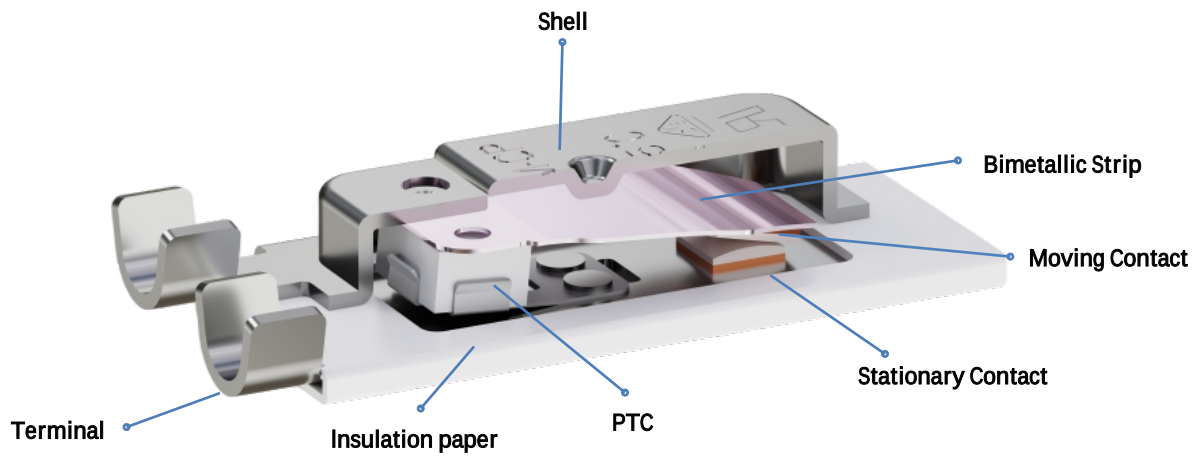
Compact PTC Built-in Design

Small design (PTC internally installed), stable and reliable

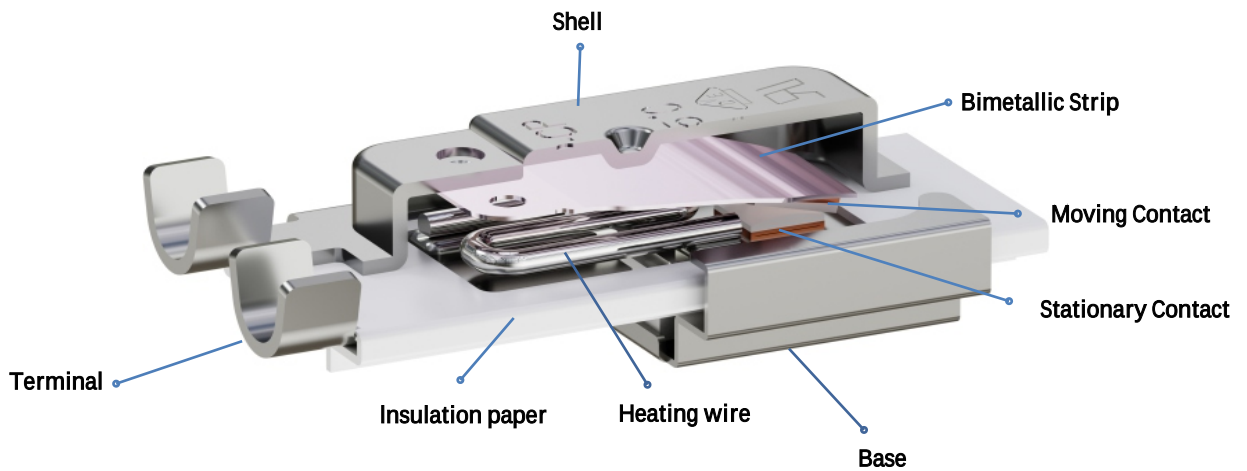
Dual-Safeguard Technology

Dual Temperature-Current Protection with 100% Instant Bimetal Trip & Precision-Calibrated Thermal Response

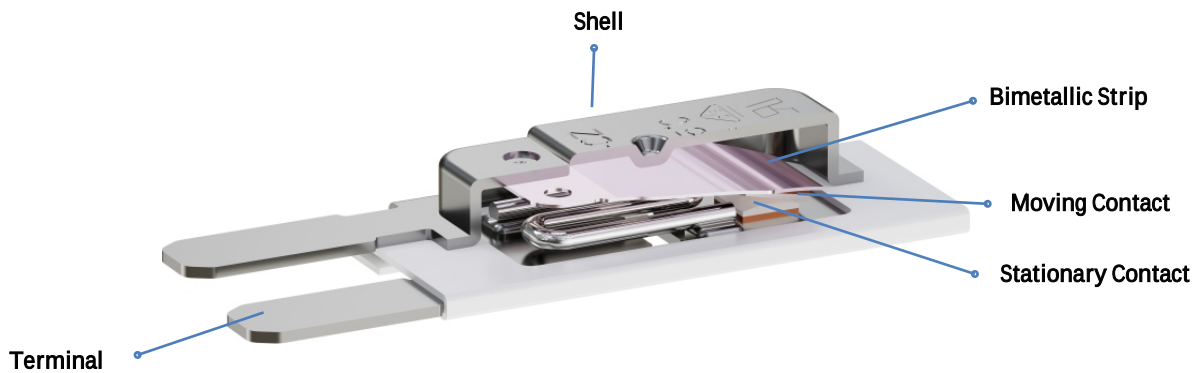
17AM/3MP/6AP SERIES STRUCTURE



17AM-CP(Power-off Reset)



3MP-CP(Power-off Reset)



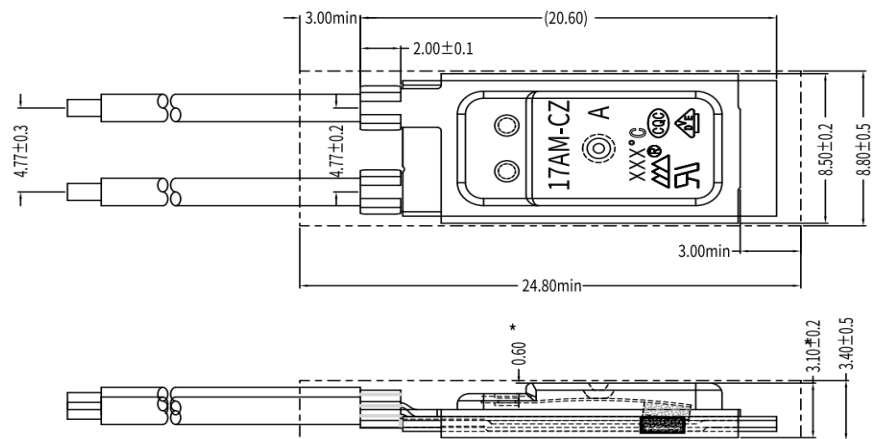
3MP-CZ(Auto Reset)



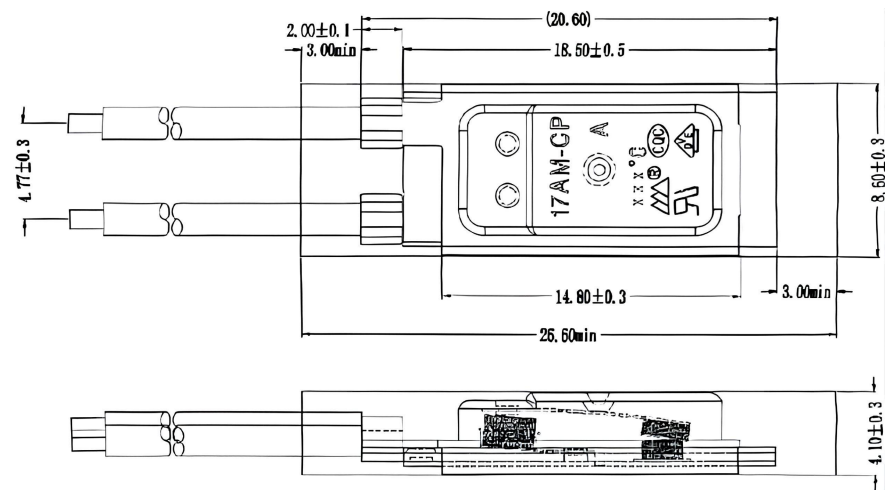


DIMENSION AND DIAGRAMS

Dimensions in mm (Inches)

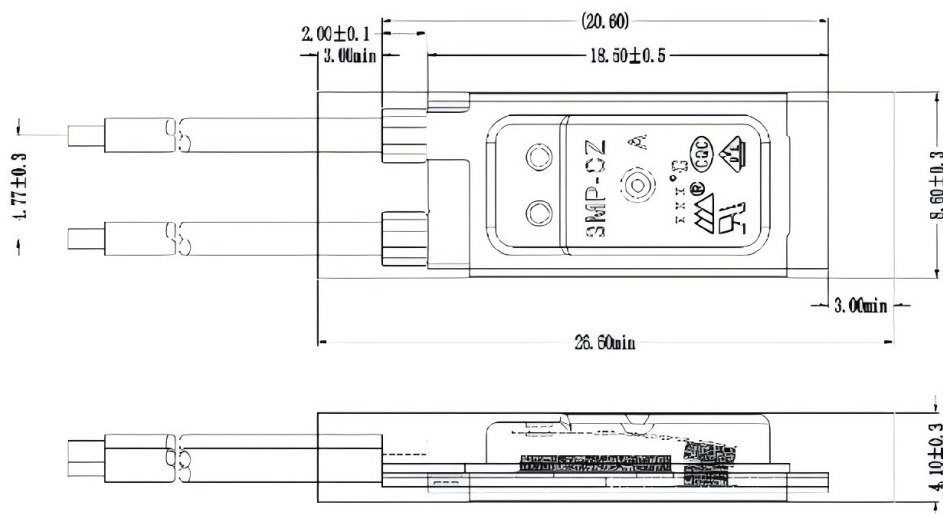


17AM-CZ(Auto Reset)

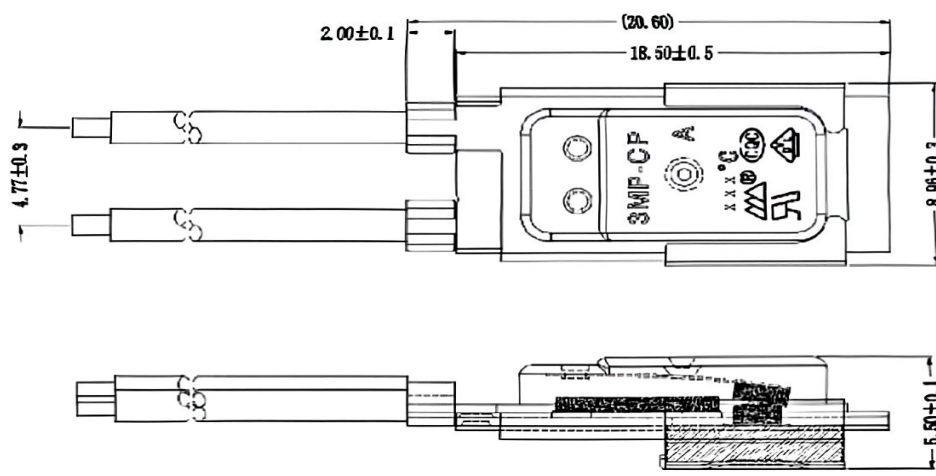


17AM-CP(Power-off Reset)



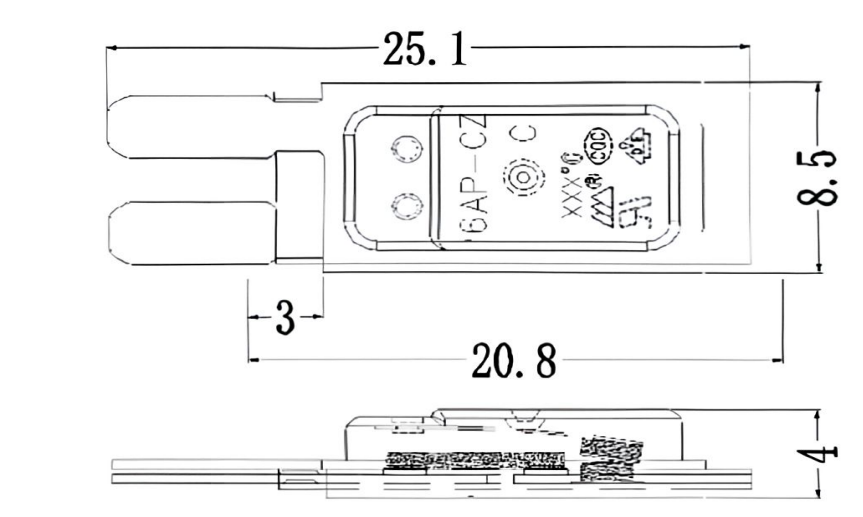


3MP-CZ(Auto Reset)



3MP-CP(Power-off Reset)





6AP-CZ(Auto Reset)

● TERMINAL TYPE



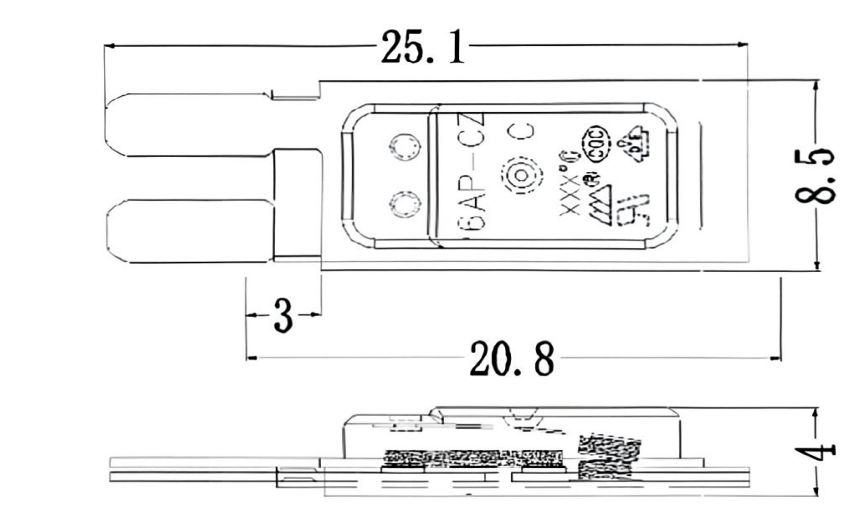
**Co-directional
Crimp Terminal**

**Opposite-direction
Crimp Terminal**

**Co-directional
Quick-Connect
Blade Terminal**

**Opposite-direction
Quick-Connect
Blade Terminal**





6AP-CZ(Auto Reset)

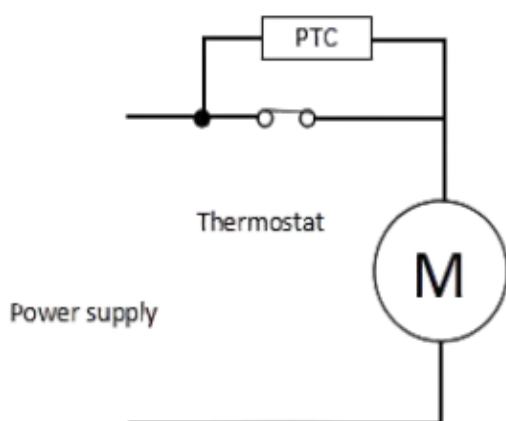
NOMINAL PERFORMANCE

3MP/17AM-CZ				
Rated current		Acting Temperature	Temp. Range	Acting Life
AC 125V/18A	AC 250V/12A	45-185℃	±3℃ /±5℃	Greater than or equal to 10000 Cycles
Reset Temperature Range: 2/3 of the operating temperature customizable				

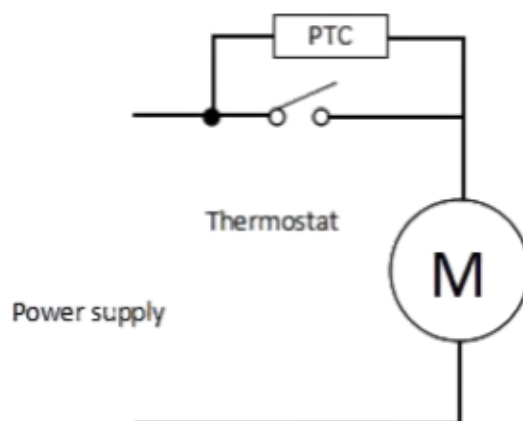
3MP/17AM-CP				
Rated current		Acting Temperature	Temp. Range	Acting Life
AC 125V/18A	AC 250V/12A	40-180℃	±3℃ /±5℃	Greater than or equal to 6000 Cycles
Reset Temperature Range: Power-off Reset				

6AP-CZ				
Rated current		Acting Temperature	Temp. Range	Acting Life
AC 125V/18A	AC 250V/12A	45-185℃	±3℃ /±5℃	Greater than or equal to 10000 Cycles
Reset Temperature Range: 2/3 of the operating temperature customizable				

17AM/3MP/6AP SERIES ELECTRICAL SCHEMATIC DIAGRAM



The loading working



The loading stop working

Work operation:

The thermal protector forms a parallel circuit with the PTC element, and then in series with the load (electrical appliance). PTC will not produce high temperature when the load runs normally

Protection delay:

When the electrical equipment is abnormal, the high temperature or large current will cause the thermal protector to break. At this time, the PTC element will produce high temperature and high resistance value, which will keep the thermal protector in the broken state and the load will stop running.

PRODUCT NAMING METHOD

Example : 17AM CZ

17AM/3MP/6AP Series

Basic model	17AM/3MP/6AP	C	Z	***	A	Z
Manufacture code						
Operation type code.						
Operation Temperature						
Terminal Type						
Lead wire Type						

C : Chuancheng

Z : Auto Reset

P:PTC Manul Reset

45℃-185℃ (adjustable in 5℃ increments)

A:Co-directional Crimp Terminal
B:Opposite-directional Crimp Terminal
C:Co-directional Quick-Connect Blade Terminal
D:Opposite-directional Quick-Connect Blade Terminal



 PRODUCT SAFETY CERTIFICATION



17AM/3MP/6AP Thermostat Series

	CQC	UL	TUV		
File	CQC18002192096	E465826	R50411367		
Contact Rating	AC 250V 5/6/8/12A	AC 125V 18A	AC 250V 1-12A		

17AM/3MP/6AP Thermal Protector Series

	CQC	UL	TUV	VDE	
File		E49635726		40050256	
Contact Rating		AC 125V 5/6/8/18A		AC 250V	



This product specification only puts forward the minimum technical requirements and not applicable to all technical requirements and standard. The seller shall provide the high-quality products and corresponding services that meet the requirements in this Technical Agreement.

The requirements of national compulsory standard concerning safety and environmental protection shall also be met.

In case the supplier not raise any objection to the terms of this specification, the supplier shall provide products that completely meet the requirements that description in the spection

If the standards used in this specification are inconsistent with those used by the supplier , the higher standards shall be applied

Standards to follow

※GB/T14536.1 “ Automatic Electrical Controllers for House hold and Similar Use Part1: General Requirements ”

※GB/T14536.10 《Automatic Electrical Controls-Part10:Particular Requirements For Temperature Sensing Controls》

※UL60730-2-9 《Automatic Electrical Controls For House hold and Similar Use;Part2 Particular Requirements For Temperature Sensing Controls》

※ENIEC60730-2-9 《Automatic Electrical Controls For House hold and Similar Use; Part2:Particular Requirements For Temperature Sensing Controls》

CONTACT US

CHINA

TEL:+86760-22235360

Fax:+89-760-2225 1380

Email:chuancheng@cccjm.com

Add:NO.3, Shengfeng Xiangsheng North Road, Xiaolan Town,Zhongshan City, Guangdong Province, China

Standard operating/Reset temperature

No.	Spec.	Acting Tempt.	Reset Tempt.	Remark
1	17AM-CZ 45	45±5°C	≥27°C	
2	17AM-CZ 50	50±5°C	≥30°C	
3	17AM-CZ 55	55±5°C	≥30°C	
4	17AM-CZ 60	60±5°C	45±10°C	
5	17AM-CZ 65	65±5°C	48±10°C	
6	17AM-CZ 70	70±5°C	50±13°C	
7	17AM-CZ 75	75±5°C	50±15°C	
8	17AM-CZ 80	80±5°C	55±15°C	
9	17AM-CZ 85	85±5°C	55±15°C	
10	17AM-CZ 90	90±5°C	60±15°C	
11	17AM-CZ 95	95±5°C	60±15°C	
12	17AM-CZ 100	100±5°C	65±15°C	
13	17AM-CZ 105	105±5°C	70±15°C	
14	17AM-CZ 110	110±5°C	70±15°C	
15	17AM-CZ 115	115±5°C	75±15°C	
16	17AM-CZ 120	120±5°C	80±15°C	
17	17AM-CZ 125	125±5°C	80±15°C	
18	17AM-CZ 130	130±5°C	85±15°C	
19	17AM-CZ 135	135±5°C	90±15°C	
20	17AM-CZ 140	140±5°C	90±15°C	
21	17AM-CZ 145	145±5°C	95±15°C	
22	17AM-CZ 150	150±5°C	100±15°C	
23	17AM-CZ 155	155±5°C	105±15°C	
24	17AM-CZ 160	160±5°C	105±15°C	
25	17AM-CZ 165	165±5°C	110±15°C	
26	17AM-CZ 170	170±5°C	110±15°C	
27	17AM-CZ 175	175±5°C	115±15°C	
28	17AM-CZ 180	180±5°C	120±15°C	
29	17AM-CZ 185	185±5°C	125±15°C	



Standard operating temperature

No.	Spec.	Acting Tempt.	Reset Tempt.	Remark
1	17AM-CP 45	45±5°C	Cut off the power supply and cool down ,the thermal proctor will reset	The acting tempt.could be adjust according to customer's requirement
2	17AM-CP 50	50±5°C		
3	17AM-CP 55	55±5°C		
4	17AM-CP 60	60±5°C		
5	17AM-CP 65	65±5°C		
6	17AM-CP 70	70±5°C		
7	17AM-CP 75	75±5°C		
8	17AM-CP 80	80±5°C		
9	17AM-CP 85	85±5°C		
10	17AM-CP 90	90±5°C		
11	17AM-CP 95	95±5°C		
12	17AM-CP 100	100±5°C		
13	17AM-CP 105	105±5°C		
14	17AM-CP 110	110±5°C		
15	17AM-CP 115	115±5°C		
16	17AM-CP 120	120±5°C		
17	17AM-CP 125	125±5°C		
18	17AM-CP 130	130±5°C		
19	17AM-CP 135	135±5°C		
20	17AM-CP 140	140±5°C		
21	17AM-CP 145	145±5°C		
22	17AM-CP 150	150±5°C		
23	17AM-CP 155	155±5°C		
24	17AM-CP 160	160±5°C		
25	17AM-CP 165	165±5°C		
26	17AM-CP 170	170±5°C		
27	17AM-CP 175	175±5°C		
28	17AM-CP 180	180±5°C		
29	17AM-CP 185	185±5°C		



Standard operating temperature

No.	Spec.	Acting Tempt.	Reset Tempt.	Remark
1	3MP -CP 45	45±5°C	3MP-CP (+PTC) is a resetreset product when power is cut off, and the reset can be cooled only when power is cut off.	The acting tempt.could be adjust according to customer's requirement
2	3MP -CP 50	50±5°C		
3	3MP -CP 55	55±5°C		
4	3MP -CP 60	60±5°C		
5	3MP -CP 65	65±5°C		
6	3MP -CP 70	70±5°C		
7	3MP -CP 75	75±5°C		
8	3MP -CP 80	80±5°C		
9	3MP -CP 85	85±5°C		
10	3MP -CP 90	90±5°C		
11	3MP -CP 95	95±5°C		
12	3MP -CP 100	100±5°C		
13	3MP -CP 105	105±5°C		
14	3MP -CP 110	110±5°C		
15	3MP -CP 115	115±5°C		
16	3MP -CP 120	120±5°C		
17	3MP -CP125	125±5°C		
18	3MP -CP130	130±5°C		
19	3MP -CP 135	135±5°C		
20	3MP -CP 140	140±5°C		
21	3MP -CP 145	145±5°C		
22	3MP -CP 150	150±5°C		
23	3MP -CP 155	155±5°C		
24	3MP -CP 160	160±5°C		
25	3MP -CP165	165±5°C		
26	3MP -CP170	170±5°C		
27	3MP -CP 175	175±5°C		
28	3MP -CP 180	180±5°C		
29	3MP -CP 185	185±5°C		

