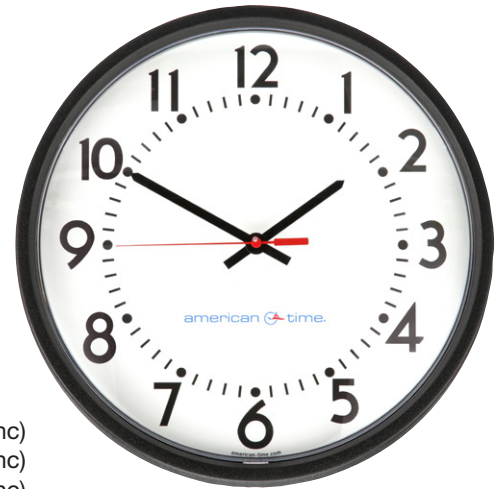




# Wi-Fi Analog Molded Case Electric Clocks



## GENERAL INFORMATION

- Clock hour & minute hands: ..... Black
- Clock second hand:..... Red
- Clock case:..... Impact-resistant black plastic/built-in hanger
- Clock crystal:..... Polycarbonate
- Current draw:..... 120vac - 4.9 mA (max), 2.3 mA (ave - hourly sync)  
24vac - 10.2 mA (max), 9.3 mA (ave - hourly sync)  
220vac - 2.3 mA (max), 1.3 mA (ave - hourly sync)
- Input voltage range .....120vac/240vac (110v to 240v)  
24vac (15v to 30v)
- Plug: .....120vac - 10A, 125v 2-prong plug, 6 ft. cord  
24vac - 4 position Molex®
- Wi-Fi ..... 802.11n (802.11b/g compatible, 2.4 GHz only)
- Supported data rates:.....72, 65, 43, 29, 22, 14, 7 Mbps (802.11n)  
54, 48, 36, 24, 18, 12, 9, 6 Mbps (802.11g)  
11, 5.5, 2, 1 Mbps (802.11b)
- Security protocols: ..... WEP, WPA/WPA2 and Enterprise (PEAPv0-MSCHAPv2)
- Configuration ..... Clocks are designed to be preconfigured for Plug-n-Play installation and management using the inCloud Management Portal. Clocks can also be individually configured via web page interface.
- Rear panel indicator: ..... Red, orange and green LED indicates mode status
- Antenna type: ..... Internal
- Time synchronization:..... Average time on the network is typically less than 10 seconds. Sync frequency is programmable from 1-12 hours. Staggered synchronization for unnoticeable network load with multiple clocks. Clock will display correct time within 10 minutes of applying power. Automatically adjusts for Daylight Saving Time changes.
- Time accuracy: ..... ±1 second to SNTP time server. Supports two static IP address time servers for redundancy or pool SNTP domain names.
- Warranty: ..... 3 Years

## PHYSICAL / ENVIRONMENTAL SPECIFICATIONS

- Operating temperature: ..... 41°F to 131°F
- Storage temperature:..... 41°F to 131°F
- Relative humidity: ..... 0% - 95% Non-condensing

## COMPLIANCE

- FCC Part 15 Class B
- ICES-003
- ROHS

## ORDERING INFORMATION

Part # w/Molex	Description	Part # w/Molex	Description
WN46BAAD304	10" Round, Surface, 120vac	WN92BAAD204	12" Round, double dial ceiling mount, 120vac
WN46BABD304	10" Round, Surface, 24vac	WN92BABD204	12" Round, double dial ceiling mount, 24vac
WN45BAAD?04	10" Round, Flush, 120vac	WN93BAAD204	12" Round, double dial wall mount, 120vac
WN45BABD?04	10" Round, Flush, 24vac	WN93BABD204	12" Round, double dial wall mount, 24vac
WN56BAAD304	12" Round, Surface, 120vac	WN62BAAD204	15" Round, double dial ceiling mount, 120vac
WN56BABD304	12" Round, Surface, 24vac	WN62BABD204	15" Round, double dial ceiling mount, 24vac
WN55BAAD?04	12" Round, Flush, 120vac	WN63BAAD204	15" Round, double dial wall mount, 120vac
WN55BABD?04	12" Round, Flush, 24vac	WN63BABD204	15" Round, double dial wall mount, 24vac
WN66BAAD304	15" Round, Surface, 120vac		
WN66BABD304	15" Round, Surface, 24vac		
WN65BAAD?04	15" Round, Flush, 120vac		
WN65BABD?04	15" Round, Flush, 24vac		

### Note:

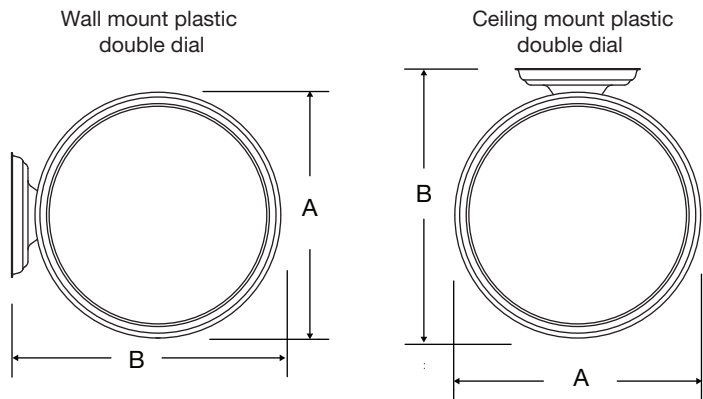
If flush mounting, replace the ? in the part number with the number from the list below that will correspond with the system you're replacing. New flush mount installations require backboxes.

**0 = Faraday    1 = National    5 = Simplex®    6 = Cincinnati/Edwards    7 = 2-hook    8 = Setco**

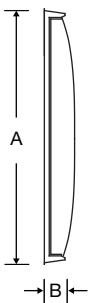
### Other dial styles and case colors available.

**Note:** Add L to the end of the Part # for personalized dial option.

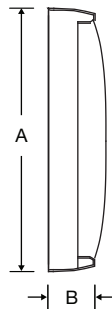
SIZE	OUTSIDE DIMENSIONS		
	A	B	C
<b>Surface</b>			
10"	10 <sup>3</sup> / <sub>8</sub> "	2 <sup>1</sup> / <sub>2</sub> "	N/A
12"	13 <sup>1</sup> / <sub>4</sub> "	2 <sup>1</sup> / <sub>2</sub> "	N/A
15"	16"	2 <sup>1</sup> / <sub>2</sub> "	N/A
<b>Flush</b>			
10"	9 <sup>7</sup> / <sub>8</sub> "	1 <sup>3</sup> / <sub>8</sub> "	N/A
12"	13 <sup>1</sup> / <sub>4</sub> "	2"	N/A
15"	16"	2"	N/A
<b>Double Dial</b>			
12"	13 <sup>1</sup> / <sub>4</sub> "	15"	8 <sup>5</sup> / <sub>8</sub> "
15"	16"	19 <sup>1</sup> / <sub>4</sub> "	8 <sup>5</sup> / <sub>8</sub> "



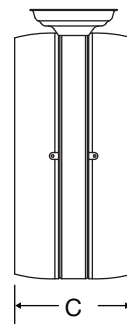
Flush mount plastic



Surface mount plastic



Plastic double dial profile



At American Time, we continually strive to improve our products to meet our customers' needs and to provide the best possible value. The above specifications are believed to be correct, are subject to change without notice and may otherwise vary from the above. Please call if you need verification of any specifications or the suitability of a particular product for a particular application.

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