

8" CHART RECORDER

Model: KT8-20
TEMPERATURE



8" (203mm) chart recorders offer the largest resolution out of any chart recorders. All chart recorders feature a large 8" chart and user-selectable recording time-frames and ranges. These units are compatible with Dickson's Replaceable Sensors™, making calibrating your chart recorder easier than ever.

FEATURES:

- Display
- Audible Alarms
- Single Thermistor Replaceable Sensor™

REPLACEABLE SENSOR™ SPECIFICATIONS:

Temperature Accuracy

±0.9°F from -58°F to 68°F (±0.5°C from -50°C to 20°C)
±1.2°F from 69°F to 122°F
±2°F over remaining range

Temperature Range

-58° to 158°F (-50°C to 70°C)

Alarm Type	Audio/Visual
Ambient Operating RH Conditions	0-95% RH non-condensing
Ambient Operating Temperature Conditions	32°F to 120°F (0°C to 50°C)
Battery Backup	(4) C Batteries
Battery Life	1 Month (Avg)
Calibration Options	N100, N300, N400
Channels	CH1: Temperature
Chart Rotation Speed	24 Hour, 7 Day
Dimensions LxWxH	9 3/8"x2 3/4"x10 1/8"
Display Dimensions	5 1/8" x 1"
Display Type	LCD
Enclosure	Rugged Black ABS Case, Polycarbonate Door, Aluminum Dial
IP Rating	IP20
Included Accessories	AC Adapter, Red Pen, (4) C Batteries, Quick Start Guide and Replaceable Sensor™ *Charts sold separately
Mounting Options	Free Standing or Wall Mount (With Keyhole)
Power Cord	6 ft
Power Source	120 to 240 VAC, 12 VDC (INTL fittings available); AC Adapter
Power Status Indicator	LED Indicator
Unit Weight	2.45lbs without batteries
Warranty	12-Month Limited
Replaceable Sensor SKU	RS020

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8" CHART RECORDER

Model: KT8-21
TEMPERATURE



8" (203mm) chart recorders offer the largest resolution out of any chart recorders. All chart recorders feature a large 8" chart and user-selectable recording time-frames and ranges. These units are compatible with Dickson's Replaceable Sensors™, making calibrating your chart recorder easier than ever.

FEATURES:

- Display
- Audible Alarms
- Dual Thermistor Replaceable Sensor™

REPLACEABLE SENSOR™ SPECIFICATIONS:

Temperature Accuracy
 ±0.9°F from -58°F to 68°F (0.5°C from -50°C to 20°C)
 ±1.2°F from 69°F to 122°F
 ±2°F over remaining range

Temperature Range
 -58°F to 158°F (-50°C to 70°C)

Alarm Type	Audio/Visual
Ambient Operating RH Conditions	0-95% RH non-condensing
Ambient Operating Temperature Conditions	32°F to 120°F (0°C to 50°C)
Battery Backup	(4) C Batteries
Battery Life	1 Month (Avg)
Calibration Options	N100, N300, N400
Channels	CH1: Temperature CH 2: Temperature
Chart Rotation Speed	24 Hour, 7 Day
Dimensions LxWxH	9 3/8"x2 3/4"x10 1/8"
Display Dimensions	5 1/8" x 1"
Display Type	LCD
Enclosure	Rugged Black ABS Case, Polycarbonate Door, Aluminum Dial
IP Rating	IP20
Included Accessories	AC Adapter, Red Pen, Blue Pen, (4) C Batteries, Quick Start Guide and Replaceable Sensor™ *Charts sold separately
Mounting Options	Free Standing or Wall Mount (With Keyhole)
Power Cord	6 ft
Power Source	120 to 240 VAC, 12 VDC (INTL fittings available); AC Adapter
Power Status Indicator	LED Indicator
Unit Weight	2.45lbs without batteries
Warranty	12-Month Limited
Replaceable Sensor SKU	RS021

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8" CHART RECORDER

Model: KT8-30
TEMPERATURE



8" (203mm) chart recorders offer the largest resolution out of any chart recorders. All chart recorders feature a large 8" chart and user-selectable recording time-frames and ranges. These units are compatible with Dickson's Replaceable Sensors™, making calibrating your chart recorder easier than ever.

FEATURES:

- Display
- Audible Alarms
- Single K-Thermocouple Replaceable Sensor™

REPLACEABLE SENSOR™ SPECIFICATIONS:

Temperature Accuracy

±1.8F from -300°F to 122°F (±1°C from -185°C to 50°C)
±3.8°F (±2.1°C) remaining range

Temperature Range

-300°F to 2000°F (-185°C to 1093°C)

Alarm Type	Audio/Visual
Ambient Operating RH Conditions	0-95% RH non-condensing
Ambient Operating Temperature Conditions	32°F to 120°F (0°C to 50°C)
Battery Backup	(4) C Batteries
Battery Life	1 Month (Avg)
Calibration Options	N100, N300, N400
Channels	CH1: Temperature
Chart Rotation Speed	24 Hour, 7 Day
Dimensions LxWxH	9 3/8"x2 3/4"x10 1/8"
Display Dimensions	5 1/8" x 1"
Display Type	LCD
Enclosure	Rugged Black ABS Case, Polycarbonate Door, Aluminum Dial
IP Rating	IP20
Included Accessories	AC Adapter, Red Pen, (4) C Batteries, Quick Start Guide and Replaceable Sensor™ *Charts sold separately
Mounting Options	Free Standing or Wall Mount (With Keyhole)
Power Cord	6 ft
Power Source	120 to 240 VAC, 12 VDC (INTL fittings available); AC Adapter
Power Status Indicator	LED Indicator
Unit Weight	2.45lbs without batteries
Warranty	12-Month Limited
Replaceable Sensor SKU	RS030

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8" CHART RECORDER

Model: KT8-30R
TEMPERATURE



8" (203mm) chart recorders offer the largest resolution out of any chart recorders. All chart recorders feature a large 8" chart and user-selectable recording time-frames and ranges. These units are compatible with Dickson's Replaceable Sensors™, making calibrating your chart recorder easier than ever.

FEATURES:

- Display
- Audible Alarms
- Relays
- Single K-Thermocouple Replaceable Sensor™

REPLACEABLE SENSOR™ SPECIFICATIONS:

Temperature Accuracy
±1.8°F from -300°F to 122°F (±1°C from -185°C to 50°C)
±3.8°F (±2.1°C) remaining range

Temperature Range
-300°F to 2000°F (-185°C to 1093°C)

Alarm Type	Audio/Visual/Relay on High/Low Limits
Ambient Operating RH Conditions	0-95% RH non-condensing
Ambient Operating Temperature Conditions	32°F to 120°F (0°C to 50°C)
Battery Backup	(4) C Batteries
Battery Life	1 Month (Avg)
Calibration Options	N100, N300, N400
Channels	CH1: Temperature
Chart Rotation Speed	24 Hour, 7 Day
Dimensions LxWxH	9 3/8"x2 3/4"x10 1/8"
Display Dimensions	5 1/8" x 1"
Display Type	LCD
Enclosure	Rugged Black ABS Case, Polycarbonate Door, Aluminum Dial
IP Rating	IP20
Included Accessories	AC Adapter, Red Pen, (4) C Batteries, Quick Start Guide and Replaceable Sensor™ *Charts sold separately
Mounting Options	Free Standing or Wall Mount (With Keyhole)
Power Cord	6 ft
Power Source	120 to 240 VAC, 12 VDC (INTL fittings available); AC Adapter
Power Status Indicator	LED Indicator
Unit Weight	2.45lbs without batteries
Warranty	12-Month Limited
Replaceable Sensor SKU	RS030

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8" CHART RECORDER

Model: KT8-31R
TEMPERATURE



8" (203mm) chart recorders offer the largest resolution out of any chart recorders. All chart recorders feature a large 8" chart and user-selectable recording time-frames and ranges. These units are compatible with Dickson's Replaceable Sensors™, making calibrating your chart recorder easier than ever.

FEATURES:

- Display
- Audible Alarms
- Relays
- Dual K-Thermocouple Replaceable Sensor™

REPLACEABLE SENSOR™ SPECIFICATIONS:

Temperature Accuracy

±1.8°F from -300°F to 122°F (±1°C from -185°C to 50°C)
±3.8°F (±2.1°C) remaining range

Temperature Range

-300°F to 2000°F (-185°C to 1093°C)

Alarm Type	Audio/Visual/Relay on High/Low Limits
Ambient Operating RH Conditions	0-95% RH non-condensing
Ambient Operating Temperature Conditions	32°F to 120°F (0°C to 50°C)
Battery Backup	(4) C Batteries
Battery Life	1 Month (Avg)
Calibration Options	N100, N300, N400
Channels	CH1: Temperature CH 2: Temperature
Chart Rotation Speed	24 Hour, 7 Day
Dimensions LxWxH	9 3/8"x2 3/4"x10 1/8"
Display Dimensions	5 1/8" x 1"
Display Type	LCD
Enclosure	Rugged Black ABS Case, Polycarbonate Door, Aluminum Dial
IP Rating	IP20
Included Accessories	AC Adapter, Red Pen, Blue Pen, (4) C Batteries, Quick Start Guide and Replaceable Sensor™ *Charts sold separately
Mounting Options	Free Standing or Wall Mount (With Keyhole)
Power Cord	6 ft
Power Source	120 to 240 VAC, 12 VDC (INTL fittings available); AC Adapter
Power Status Indicator	LED Indicator
Unit Weight	2.45lbs without batteries
Warranty	12-Month Limited
Replaceable Sensor SKU	RS031

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8" CHART RECORDER

Model: KT8-40
TEMPERATURE



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FEATURES:

- Display
- Audible Alarms
- Platinum RTD Replaceable Sensor™

REPLACEABLE SENSOR™ SPECIFICATIONS:

Temperature Accuracy
±0.5°F from -148°F to 350°F (± 0.3°C from -100°C to 176°C)

Temperature Range
-148°F to 350°F (-100°C to 176°C)

Alarm Type	Audio/Visual
Ambient Operating RH Conditions	0-95% RH non-condensing
Ambient Operating Temperature Conditions	32°F to 120°F (0°C to 50°C)
Battery Backup	(4) C Batteries
Battery Life	1 Month (Avg)
Calibration Options	N100, N300, N400
Channels	CH1: Temperature
Chart Rotation Speed	24 Hour, 7 Day
Dimensions LxWxH	9 3/8"x2 3/4"x10 1/8"
Display Dimensions	5 1/8" x 1"
Display Type	LCD
Enclosure	Rugged Black ABS Case, Polycarbonate Door, Aluminum Dial
IP Rating	IP20
Included Accessories	AC Adapter, Red Pen, Blue Pen, (4) C Batteries, Quick Start Guide and Replaceable Sensor™ *Charts sold separately
Mounting Options	Free Standing or Wall Mount (With Keyhole)
Power Cord	6 ft
Power Source	120 to 240 VAC, 12 VDC (INTL fittings available); AC Adapter
Power Status Indicator	LED Indicator
Unit Weight	2.45lbs without batteries
Warranty	12-Month Limited
Replaceable Sensor SKU	RS040

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8" CHART RECORDER

Model: KT8-50
TEMPERATURE



8" (203mm) chart recorders offer the largest resolution out of any chart recorders. All chart recorders feature a large 8" chart and user-selectable recording time-frames and ranges. These units are compatible with Dickson's Replaceable Sensors™, making calibrating your chart recorder easier than ever.

FEATURES:

- Display
- Audible Alarms
- Ambient Temperature Replaceable Sensor™

REPLACEABLE SENSOR™ SPECIFICATIONS:

Temperature Accuracy
= +/-1.2°F from 20°F to 122°F
(+/-1°C from -30°C to 50°C)

Temperature Range
-22°F to 122°F (-30°C to 50°C)

Alarm Type	Audio/Visual
Ambient Operating RH Conditions	0-95% RH non-condensing
Ambient Operating Temperature Conditions	32°F to 120°F (0°C to 50°C)
Battery Backup	(4) C Batteries
Battery Life	1 Month (Avg)
Calibration Options	N100, N300, N400
Channels	CH1: Temperature
Chart Rotation Speed	24 Hour, 7 Day
Dimensions LxWxH	9 3/8"x2 3/4"x10 1/8"
Display Dimensions	5 1/8" x 1"
Display Type	LCD
Enclosure	Rugged Black ABS Case, Polycarbonate Door, Aluminum Dial
IP Rating	IP20
Included Accessories	AC Adapter, Pen(s), (4) C Batteries, Quick Start Guide, Replaceable Sensor™. *Charts sold separately
Mounting Options	Free Standing or Wall Mount (With Keyhole)
Power Cord	6 ft
Power Source	120 to 240 VAC, 12 VDC (INTL fittings available); AC Adapter
Power Status Indicator	LED Indicator
Unit Weight	2.45lbs without batteries
Warranty	12-Month Limited
Replaceable Sensor SKU	RS050

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8" CHART RECORDER

Model: TH8-10
TEMPERATURE & HUMIDITY



8" (203mm) chart recorders offer the largest resolution out of any chart recorders. All chart recorders feature a large 8" chart and user-selectable recording time-frames and ranges. These units are compatible with Dickson's Replaceable Sensors™, making calibrating your chart recorder easier than ever.

FEATURES:

- Display
- Audible Alarms
- Ambient Temperature and Humidity Replaceable Sensor™

REPLACEABLE SENSOR™ SPECIFICATIONS:

Humidity Accuracy
±2.0% RH from 5% to 95% RH

Temperature Accuracy
±0.8°F (±.44C) from 20°F to 122°F
±1.8°F (±1°C) remaining range

Temperature Range
32°F to 120°F (0°C to 50°C)

Alarm Type	Audio/Visual
Ambient Operating RH Conditions	0-95% RH non-condensing
Ambient Operating Temperature Conditions	32°F to 120°F (0°C to 50°C)
Battery Backup	(4) C Batteries
Battery Life	1 Month (Avg)
Calibration Options	N100, N300, N400
Channels	CH1: Temperature CH2: Humidity
Chart Rotation Speed	24 Hour, 7 Day
Dimensions LxWxH	9 3/8"x2 3/4"x10 1/8"
Display Dimensions	5 1/8" x 1"
Display Type	LCD
Enclosure	Rugged Black ABS Case, Polycarbonate Door, Aluminum Dial
IP Rating	IP20
Included Accessories	AC Adapter, Red Pen, Blue Pen, (4) C Batteries, Quick Start Guide and Replaceable Sensor™ *Charts sold separately
Mounting Options	Free Standing or Wall Mount (With Keyhole)
Power Cord	6 ft
Power Source	120 to 240 VAC, 12 VDC (INTL fittings available); AC Adapter
Power Status Indicator	LED Indicator
Unit Weight	2.45lbs without batteries
Warranty	12-Month Limited
Replaceable Sensor SKU	RS010

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8" CHART RECORDER

Model: TH8-11
TEMPERATURE & HUMIDITY



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FEATURES:

- Display
- Audible Alarms
- Extension Cable
- Ambient Temperature and Humidity Replaceable Sensor™

REPLACEABLE SENSOR™ SPECIFICATIONS:

- Humidity Accuracy**
±2.0% RH from 5% to 95% RH
- Temperature Accuracy**
±0.8°F (±.44C) from 20°F to 122°F
±1.8°F (±1°C) remaining range
- Temperature Range**
-40°F to 185°F (-40°C to 85°C)

Alarm Type	Audio/Visual/Relay on High/Low Limits
Ambient Operating RH Conditions	0-95% RH non-condensing
Ambient Operating Temperature Conditions	32°F to 120°F (0°C to 50°C)
Battery Backup	(4) C Batteries
Battery Life	1 Month (Avg)
Calibration Options	N100, N300, N400
Channels	CH1: Temperature CH2: Humidity
Chart Rotation Speed	24 Hour, 7 Day
Dimensions LxWxH	9 3/8"x2 3/4"x10 1/8"
Display Dimensions	5 1/8" x 1"
Display Type	LCD
Enclosure	Rugged Black ABS Case, Polycarbonate Door, Aluminum Dial
IP Rating	IP20
Included Accessories	AC Adapter, Red and Blue Pens, (4) C Batteries, Quick Start Guide, Replaceable Sensor™, Ext. Cable. *Charts sold separately
Mounting Options	Free Standing or Wall Mount (With Keyhole)
Power Cord	6 ft
Power Source	120 to 240 VAC, 12 VDC (INTL fittings available); AC Adapter
Power Status Indicator	LED Indicator
Unit Weight	2.45lbs without batteries
Warranty	12-Month Limited
Replaceable Sensor SKU	RS010

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8" CHART RECORDER

Model: TH8-11R
TEMPERATURE & HUMIDTY



8" (203mm) chart recorders offer the largest resolution out of any chart recorders. All chart recorders feature a large 8" chart and user-selectable recording time-frames and ranges. These units are compatible with Dickson's Replaceable Sensors™, making calibrating your chart recorder easier than ever.

FEATURES:

- Display
- Audible Alarms
- Extension Cable
- Relays
- Ambient Temperature and Humidity Replaceable Sensor™

REPLACEABLE SENSOR™ SPECIFICATIONS:

- Humidity Accuracy**
±2.0% RH from 5% to 95% RH
- Temperature Accuracy**
±0.8°F (±.44C) from 20°F to 122°F
±1.8°F (±1°C) remaining range
- Temperature Range**
-40°F to 185°F (-40°C to 85°C)

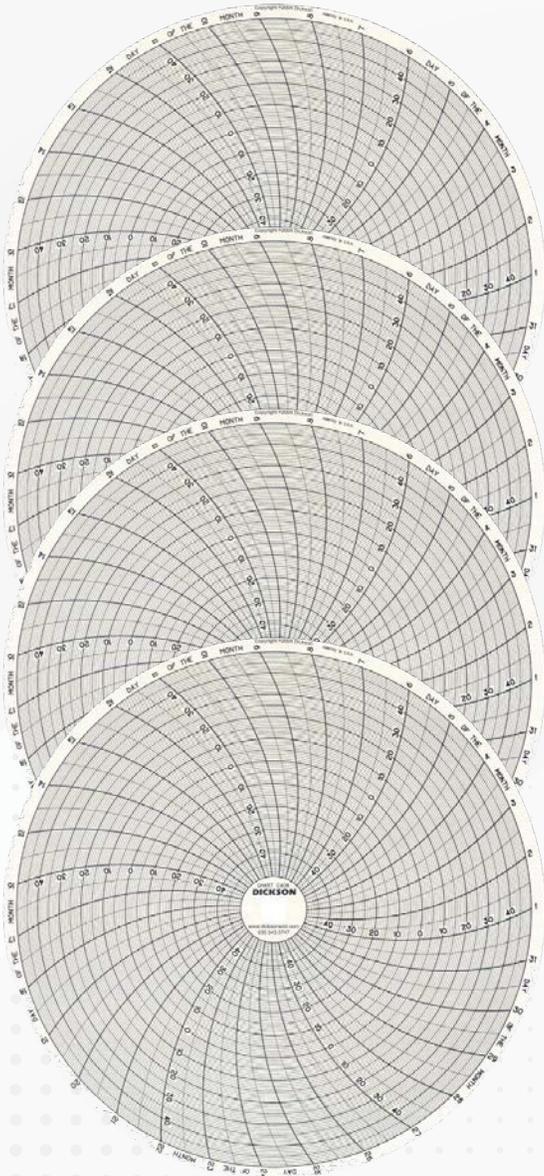
Alarm Type	Audio/Visual/Relay on High/Low Limits
Ambient Operating RH Conditions	0-95% RH non-condensing
Ambient Operating Temperature Conditions	32°F to 120°F (0°C to 50°C)
Battery Backup	(4) C Batteries
Battery Life	1 Month (Avg)
Calibration Options	N100, N300, N400
Channels	CH1: Temperature CH2: Humidity
Chart Rotation Speed	24 Hour, 7 Day
Dimensions LxWxH	9 3/8"x2 3/4"x10 1/8"
Display Dimensions	5 1/8" x 1"
Display Type	LCD
Enclosure	Rugged Black ABS Case, Polycarbonate Door, Aluminum Dial
IP Rating	IP20
Included Accessories	AC Adapter, Red and Blue Pens, (4) C Batteries, Quick Start Guide, Replaceable Sensor™, Ext. Cable. *Charts sold separately
Mounting Options	Free Standing or Wall Mount (With Keyhole)
Power Cord	6 ft
Power Source	120 to 240 VAC, 12 VDC (INTL fittings available); AC Adapter
Power Status Indicator	LED Indicator
Unit Weight	2.45lbs without batteries
Warranty	12-Month Limited
Replaceable Sensor SKU	RS010

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8" CHARTS & PENS

AUTHENTIC DICKSON CHARTS AND PENS ARE REQUIRED TO ACHIEVE STATED ACCURACY.



FOR MODEL	RANGE	24 HR CHART	7 DAY CHART	QTY	PRICE
KT8-20 KT8-21	0° TO 100°F/C	C410	C412	60	\$58
	0° TO 150°F	C425	C435	60	\$58
	0° TO 250°F	C432	C439	60	\$58
	20° TO 100°F/C	C446	C449	60	\$58
	-20° TO 20°F/C	C445	C448	60	\$58
	50° TO 150°F	C447	C450	60	\$58
KT8-30 KT8-31	-50° TO 50°F/C	C411	C414	60	\$58
	0° TO 100°F/C	C410	C412	60	\$58
	0° TO 150°F/C	C425	C435	60	\$58
	0° TO 250°F/C	C432	C439	60	\$58
	20° TO 100°F/C	C446	C449	60	\$58
	50° TO 150°F	C447	C450	60	\$58
	0° TO 500°F/C	C428	C459	60	\$58
	-20° TO 20°F/C	C445	C448	60	\$58
KT8-40	0° TO 1000°F/C**	C441	C440	60	\$58
	0° TO 2000°F**	C443	C444	60	\$58
	-20° TO 20°F/C	C445	C448	60	\$58
	-50° TO 50°F/C	C411	C414	60	\$58
	0° TO 100°F/C	C410	C412	60	\$58
	0° TO 150°F/C	C425	C435	60	\$58
	0° TO 250°F/C	C432	C439	60	\$58
	20° TO 100°F/C	C446	C449	60	\$58
KT8-50	50° TO 150°F	C447	C450	60	\$58
	0° TO 500°F	C428	C459	60	\$58
	-20° TO 20°F/C	C445	C448	60	\$58
	-50° TO 50°F/C	C411	C414	60	\$58
	0° TO 100°F/C	C410	C412	60	\$58
	0° TO 150°F/C	C425	C435	60	\$58
	0° TO 250°F/C	C432	C439	60	\$58
	20° TO 100°F/C	C446	C449	60	\$58
TH8-10	50° TO 150°F/C	C447	C450	60	\$58
	-20°F TO 120°F*	C415	C417	60	\$58
	-20°C TO 50°C*	C472	C473	60	\$58
	40°F TO 110°F	C476	C477	60	\$58
TH8-11 TH8-11R TH8-12	5°C TO 40°C	C478	C479	60	\$58
	-20°F TO 120°F*	C415	C417	60	\$58
	-20°C TO 50°C*	C472	C473	60	\$58
	40°F TO 110°F	C476	C477	60	\$58
	5°C TO 40°C	C478	C479	60	\$58
TH8-12	0° TO 200°F	-	C437	60	\$58

*Full range requires 10' extension cable // **A203 High temp probe required



SKU	DESCRIPTION	VARIABLE	PRICE
P222	6 RED PENS	TEMPERATURE	\$63
P226	6 BLUE PENS	HUMIDITY	\$63
P246	3 RED, 3 BLUE PENS	TEMPERATURE & HUMIDITY	\$63
P266	3 RED, 3 BLUE PENS	DUAL CHANNEL	\$63

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