AIEQS
Arka Behbood Farayand (LLC)
Process Devlopment

Compressor Gas Cooler

CCA 992C

2026 NEW

Select Required Code:

انتخاب کد مورد نظر:

CCA 992C	0 1	بدون مبدل با مبدل	0 (None) G (Duran Glass) S (SS316) P (PTFE / PVDF)	جنس مبدل	1 2 3 4	تعداد مبدل	1=150 2=250	NI/hr فلوی گاز	0 (None) 1 (SR25 Pump) 2 (Auto Trap)	به ازای هر مبدل حرارتی Auto Trap / SR25

Highlights:

- Gas outlet temperature from gas cooler adjusting from +2 °C to +7 °C
- Gas outlet temperature stability ±0.1 °C
- 2 relays for Status Alarm Ready to work signal
- With PID electronic controller with digital display
- Working Ambient Temperature: 0 …. +50 °C
- Start-up time < 15 min and stable 2 hours in constant process condition
- Wall mount Enclosure and Standard 19” Rack mount
- Special Version for -40°C gas outlet dew point temperature

ویژگیها:

- تنظیم دمای نقطه شبنم خروجی از +2 °C تا +7 °C
- پایداری دمای تنظیم شده خروجی گاز ±0.1 °C
- دو خروجی رله آلارم اعلام وضعیت آماده بکار
- PID کنترلر الکترونیکی با نمایشگر دیجیتالی دما
- دمای محیط کار 0....+50 °C
- زمان راه اندازی کمتر ۱۵ دقیقه و پایداری ۲ ساعت
- بدنه دیواری و راک استاندارد ۱۹ اینچ
- مدل ویژه جهت دمای نقطه شبنم گاز خروجی -40°C

Product Information:

Sample outlet dew point	Range of adjustment: +2 °C..... +7 °C, factory setting: +5 °C
Dew point stability	at const. conditions: < ±0,1°C
Sample inlet temperature	max. +180°C
Ambient temperature	0 to +50°C
Storage temperature	-20 to +70°C
Total cooling capacity	Min 40W at 10°C … 50°C ambient temperature
Ready for working	< 15 min) stability time at constant process condition > 120 mins)
Power consumption	max. 200VA (startup current at 230V=2,5A; at 120V=4,5A)
Main power connection	240V/120V, 50Hz/60Hz (a): -15%/+10%
Electrical connections	terminals: 6-12mm, cable gland: 2xPG11
Status alarm	1 free configurable status alarm with 2 potential free change-over contacts, alarm point: < 2°C and > 8°C contact rating 250VAC, 2A; 500 VA; 50W
System of protection	IP20
Case color	white
Method of mounting	wall mounting / 19” Rackmount
Dimensions Weight	360 x 270 x 350 mm (W x H x D) 12kg (version: 230V/115V) 483 x 270 x 350 mm (W x H x D) 17,5kg (version: 230V/115V) 19” Rackmount

کاربردها:

- نصب در سیستم های آنالایزر برخط گاز در کلیه صنایع
- کلیه سیستمهای آنالایزر بر خط گاز
- خشک کن هوای ابزار دقیق در نقطه مصرف

Applications:

- Suitable to install in gas analyzer system of Cement, Steel plants
- For all gas analyzer system
- Instrument air drier at the using point

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Technical Information for CCA

1 How to Order

CCA 992C

-□1	-□2	-□3	-□4	-□5
Note 1: Select with or without heat exchanger	**Note 2:** Choose Material of heat exchanger	**Note 3:** Select the number of heat exchanger	**Note 4:** Choose Gas flow per each heat exchanger	**Note 5:** Select with or without pumpSR25 or auto trap
0 (without heat exchanger) 1 (with heat exchanger)	0 (None) G (Duran Glass) S (SS316) P (PTFE / PVDF)	1/2/3/4	1=150 Nl/hr 2=250 Nl/hr	0 (None) 1 (SR25 Pump) 2 (Auto Trap)

Example 1: CCA Gas Cooler without heat exchanger, #4 Streams, 250l/h, without Pump SR25 or auto trap.
Code: 992C00420
Example 2: CCA Gas Cooler with heat exchanger, SS316, #4 Streams, 250l/h, with auto trap per each heat exchanger.
Code: 992C1S422

2 Condensate Removal Options

Peristaltic pump SR25.2
1501P1300 (Optional)

Peristaltic pump SR25.2, for panel mounting Wall thickness max.1,5mm capacity of 0,30 l/hr, pressure range 200mbar up to 2,2bar abs. Material: Novopren, PVDF, connections for tube DN 4/6mm, power: 115/230V, 50/60Hz.

Other Technical Specification and other Enclosure Dimensions acceptable on order.

Automatic condensate trap
1509K3000 (optional)

Automatic condensate trap with float type AD-SS. Condensate-IN: 1/2"NPTi, Condensate-OUT: 1/2"NPTi. Material: stainl. steel.

توجه : مشخصات فنی دستگاه با توجه به نیاز مشتری با هر ابعاد بدنه و توان برودتی و هر تعداد مبدل در زمان سفارش مورد قبول است.

3 CCA Part No Technical Information

GL

- Jet-stream heat exchanger for cooler
- Material: Duran glass
- Stagnant space approx40-100ml
- Sample gas pressure abs. Max. 2bar
- Made in GERMANY

1502K9100 4 Stream 250Nl/h

PV

- Jet-stream heat exchanger for cooler
- Material: PVDF
- Stagnant space approx40-100ml
- Sample gas pressure abs. Max. 3bar
- Made in GERMANY

1502K9300 4 Stream 250Nl/h

SS

- Jet-stream heat exchanger for cooler
- Material: ss316
- Stagnant space approx40-100ml
- Sample gas pressure abs. Max. 6barg
- Made in IRAN

9910C4250 4 Stream 250Nl/h

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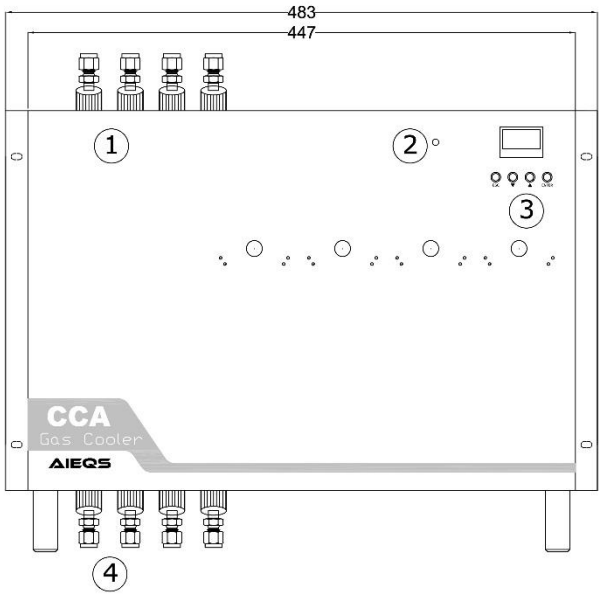
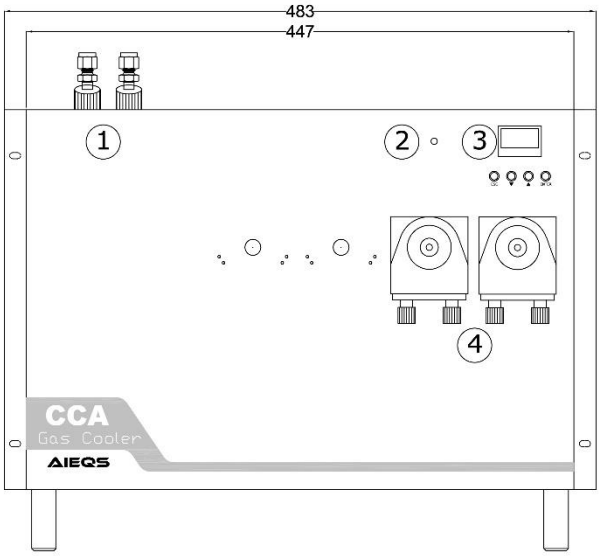
4 Dimensions



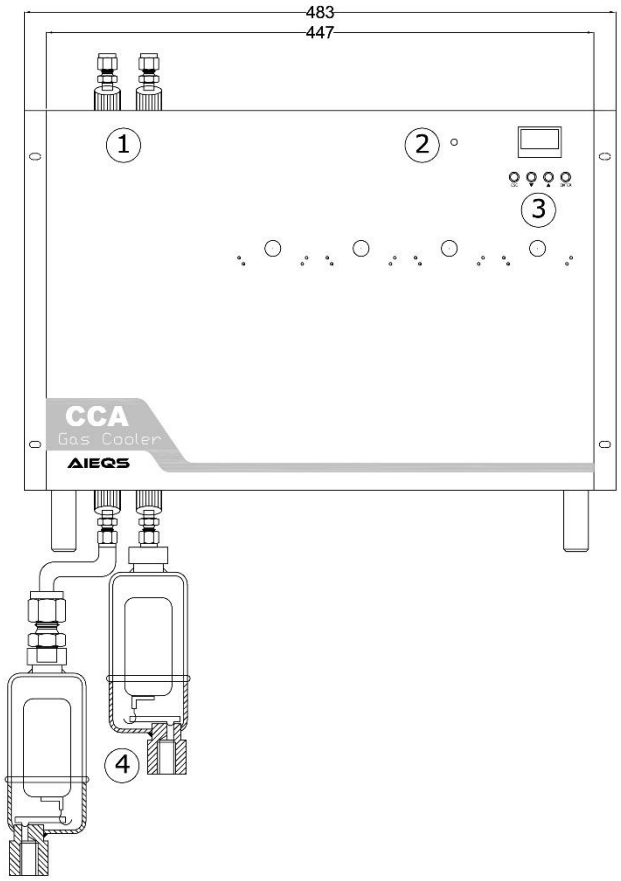
FRONT VIEW

(1) Sample Gas Inlet / Outlet — (1) ورودی و خروجی گاز Sample
(2) Status LED (compressor works OK) — (2) LED نشانگر کارکرد کمپرسور
(3) PID Controller Digital Display — (3) PID کنترلر و نمایشگر دما
(4) Condensate Outlet — (4) خروجی آب از مبدل



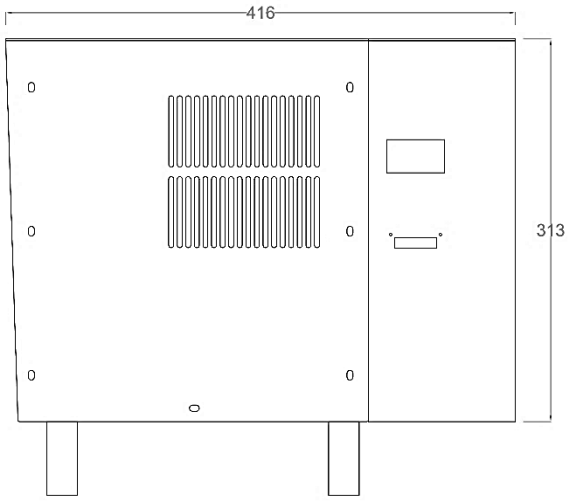
FRONT VIEW

(1) Sample Gas Inlet / Outlet — (1) ورودی و خروجی گاز Sample
(2) Status LED (compressor works OK) — (2) LED نشانگر کارکرد کمپرسور
(3) PID Controller Digital Display — (3) PID کنترلر و نمایشگر دما
(4) SR25.2 Peristaltic Pumps — (4) پمپ های SR25.2 جهت مکش آب از خروجی مبدل



FRONT VIEW

(1)	Sample Gas Inlet / Outlet	ورودی و خروجی گاز Sample	(1)
(2)	Status LED (compressor works OK)	LED نشانگر کارکرد کمپرسور	(2)
(3)	PID Controller Digital Display	PID کنترلر و نمایشگر دما	(3)
(4)	Auto Condensate Trap Outlet	اتو ترپ برای خروجی آب از مبدل	(4)



BACK VIEW

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