

# ADISA FLOOR STANDING BOILERS

## 316 STAINLESS STEEL HEAT EXCHANGER

3 Ranges Available – Outputs from 68kW up to 905kW in single module

**ADI CD** – Condensing up to 108% Seasonal Efficiency, 4 Star Efficiency Class\*\*\*\*

**ADI LT** – Low Temperature return, up to 104% Seasonal Efficiency, 3 Star Efficiency Class\*\*\*

**ADI HT** – up to 97% Seasonal Efficiency, 3 Star Efficiency Class\*\*\*

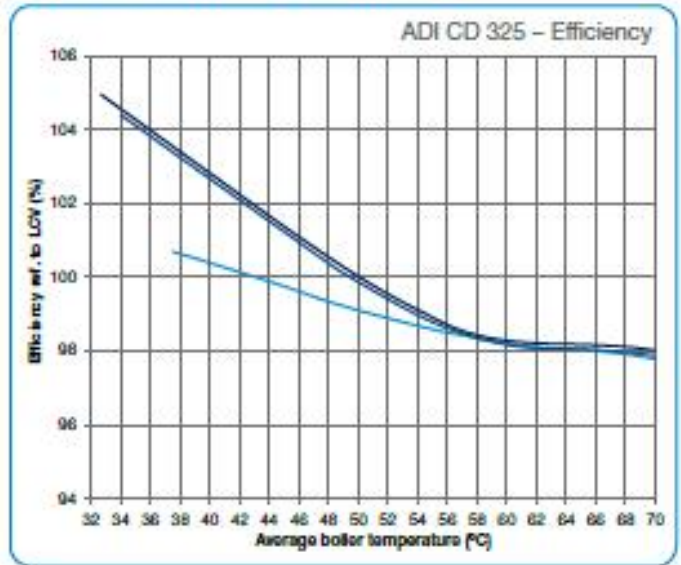


### BENEFITS:

- The compact design – the most compact on the market –  
(950kW output 1040mm W x 1160mm Deep)
- 316 stainless steel heat exchanger all models
- Less Gas usage and Lower Nox & CO2 emissions than same size competitor models
- Ecological combustion: NOx class 5 NOx < 10 ppm, CO around 47 ppm
- Extremely competitively priced in comparison with competitor's Aluminium silicon exchanger models
- Available skid mounted with cascade piping system and outdoor enclosures
- High efficiency and energy savings
- CE certified efficiency up to \*\*\*\* (4 stars)
- Modulating starting from 30% of the power
- Variable speed fan, air-gas premix venturi, modulating gas valve
- "Premix" burner: refractory alloy mesh
- Optimised and reduced dimensions and weights
- Minimum electricity consumption, from 17 W Large power outputs range, from 68 to 905 kW



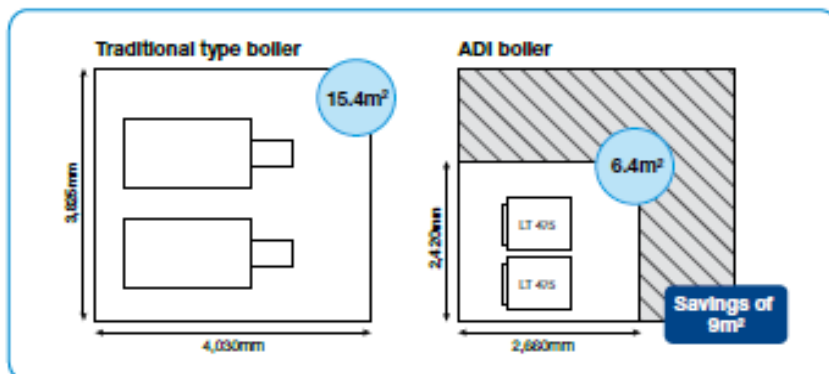
## ADI CD (Condensing range)



- Boiler heat exchanger in stainless steel
- Many Control options, including remote Webserver monitoring
- No limit of minimum return temperature making condensing possible (ADI LT Model)

## MAXIMUM SAVING IN THE INSTALLATION: COMPACT DESIGN, MINIMUM OCCUPIED SURFACE, MINIMUM WEIGHT

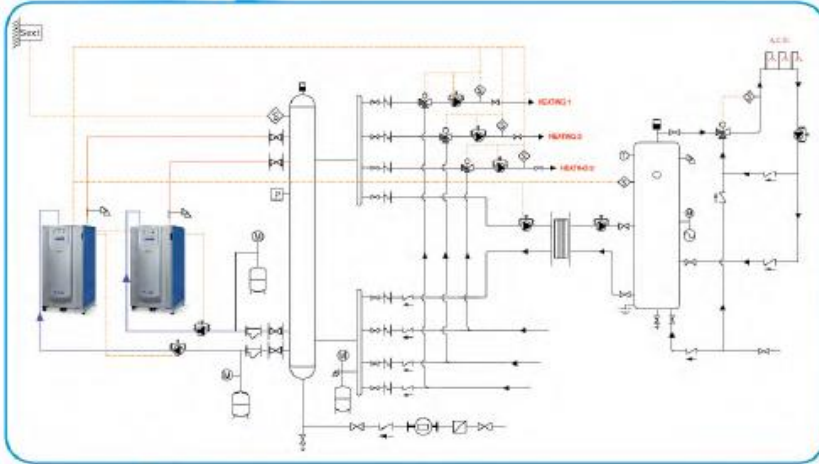
### Comparison of space used in a 1,000 kW boiler room



- Smaller boiler room: lower cost.
- Its compact design enables a boiler room on the rooftop, using space not taken up for other purposes.
- Allows the reconversion of the boiler room.
- Boiler maintenance from the front.

# BUILT-IN PLANT CONTROL

## GLOBAL EFFICIENCY MANAGEMENT SOLUTION



### REMOTE PLANT CONTROL VIA WEB

- Built-in control of boilers, plant and circuits.
- High efficiency and energy savings.
- Boilers sequence included (master-slaves).
- Boiler power adaptation at any moment.
- Control of 3 heating circuits (mixing valve and pump).
- D.H.W.S. production and anti-legionella protection.



### REMOTE PLANT CONTROL VIA WEB

- Remote control via PC, smartphone, tablet.
- Parameters and set-up values adjustment.
- Maintenance and prevention warnings.
- Sending of e-mails on faults, reports and information.
- Quick payback on investment.

## COMPONENTS FOR HEATING AND D.H.W.S. PLANTS

**CASCADED COMMUNICATION BUS** OCI345

**OUTSIDE SENSOR** QAC34

**BOILER REGULATION** LMS 14

**INMERSION SENSOR** QAZ36

**WEBSERVER** OZW672

**PROTECTION POCKETS** BRASS / INOX

**CIRCUITS CONTROL MODULE** AGU2.550

**DISPLAY** AVS37.294



## ECOLOGY AND RESPECT FOR THE ENVIRONMENT A PRIORITY

- Carbon dioxide (CO<sub>2</sub>) is one of the greenhouse effect gases that remains the longest in the atmosphere. According to IEO2007, expected CO<sub>2</sub> emissions amount to 33.9 billion tons in 2015 and 42.9 in 2030.
- The European "20-20-20 in 2020" campaign has therefore been created in order to reduce polluting emissions by 20% by 2020, amongst other things.

### ADISA SOLUTION = ECOLOGICAL COMBUSTION

- The ADI boiler range has **NOx class 5** ecological combustion.
- Their polluting emissions are minimal, **under 10 ppm of NOx**.
- The ADI range, even with a certified efficiency of ★★★ and ★★★★ stars, has CO<sub>2</sub> emissions around 20% lower than a traditional boiler.

## TECHNICAL CHARACTERISTICS AND DIMENSIONS

02 / 2013

ADI CD	Unit.	70	85	105	120	175	200	250	325	375	450	550	650	750	850	950
Max. power output (η=40%)	kW	68.7	86.1	105.6	121.3	163.4	204.5	244.7	302.6	358.7	443.5	535.5	605	682.4	802.1	904.1
Max. power output (η=70%)	kW	68	85	104	120	161.8	197.5	241	294	354	440	530	598	675	792.7	892.3
Min. power output (η=40%)	kW	22	27,5	34	39	52.3	63.1	77.4	94.4	113.6	141	173.8	195.2	220.1	256.1	380,9
Weight without water	kg	110	116	120	135	138	330	350	440	445	460	480	485	485	545	545
Water volume	litros	30	33	34	34	35	86	90	112	118	118	120	120	120	164	164
Width	mm	350	350	350	450	450	660	660	810	810	810	1,040	1,040	1,040	1,040	1,040
Depth (B)	mm	595	615	635	635	655	940	940	940	940	940	940	940	940	1,083	1,083
Height (*)	mm	1,110	1,110	1,110	1,110	1,110	1,583	1,583	1,583	1,583	1,583	1,628	1,628	1,628	1,628	1,628
Flues diameter	mm	150	150	150	150	150	175	175	250	250	250	350	350	350	350	350



Sales  
Service  
Maintenance  
Commissioning  
Preventative Maintenance

# Eurofluid

HANDLING SYSTEMS

Unit 12, The Westway Centre, P: +353 1 4600352/3  
Ballymount Avenue, F: +353 1 4507634  
Dublin 12 www.euro-fluid.com

THE HEATING & HOT WATER SPECIALIST