

# CONDENSING OIL COMPACT UNIT

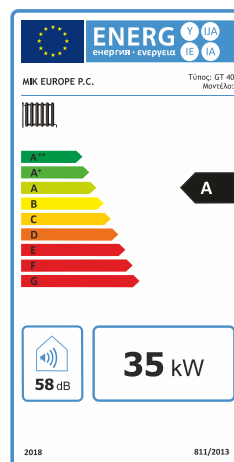
15-40 kW/h



GT  
for HEATING

GT Plus  
for D.H.W.

≥102%



# CONDENSING OIL COMPACT UNIT, ErP GT & GT Plus

The **GT**, Oil is achieved by the excellent combination of **MIK EUROPE** factory's high oil burning expertise and the most important construction companies abroad, such as British **EOGB** with the most modern X400 & X500 series low NOx burners, the Danish **GRUNDFOS** with the latest ErP circulators, series ALPHA, and more.

The geometric dimensions of the boiler and the combustion chamber with large heat exchange surfaces, provide high system efficiency (> 98%) with particularly low pollutants (CO, NOx), making the GT & GT Plus units best seller products in European markets.

They also have a high efficiency, above **102%**, for more effective and economic consumption.

The **GT & GT Plus** systems are satisfy the Europeans Regulations (EU) **No 813/2013 & No 811/2013, conquered the ENERGY CLASS A.**

**GT** and **GT Plus** units include:

- EOGB burner with preheating combustion air
- Grundfos ErP pump
- Electronic controller
- Anti freeze protection
- Expansion vessel
- Safety valve
- Coaxial chimney
- Condensate trap
- Connection points for neutralizer (not included)

**GT Plus** series has a stainless steel coil exchanger for the production of sanitary hot water (**D.H.W.**)



Coaxial chimney (tube in tube) for the gases exhaust

Grundfos ErP pump

EOGB, Low NOx burner



## TECHNICAL CHARACTERISTICS

| MODEL   |        | GT 20  | GT 25 | GT 30 | GT 35  | GT 40  |
|---|--------|--------|-------|-------|--------|--------|
| Power   | kW/h   | 15-20  | 18-25 | 21-30 | 25-35  | 28-40  |
| Seasonal efficiency, $\eta_s$                         | %      | ≥93    |       |       |        |        |
| Efficiency Full load 100% (80-60°C)                   | %      | ≥98    |       |       |        |        |
| Efficiency, load 30% (80-60°C)                        | %      | ≥99    |       |       |        |        |
| Efficiency Full load 100% (50-30°C)                   | %      | ≥101   |       |       |        |        |
| Efficiency load 30% (50-30°C)                         | %      | ≥102   |       |       |        |        |
| Seasonal efficiency, in active operation $\eta_{son}$ | %      | ≥94    |       |       |        |        |
| Energy Class  |        | A      |       |       |        |        |
| NOx Class   |        | 5      |       |       |        |        |
| Chimney   | mm     | 60/100 |       |       | 80/125 |        |
| Hydraulic Connections                                 | Inch.  | 1"     | 1"    | 1"    | 1 1/4" | 1 1/4" |
| D.H.W.  | Lt/min | 8,2    | 10    | 12    | 14     | 16     |
| Width   | mm     | 560    | 560   | 560   | 560    | 560    |
| Depth   | mm     | 900    | 900   | 900   | 900    | 960    |
| Height  | mm     | 970    | 950   | 1.050 | 1.150  | 1.250  |
| Weight  | kg     | 155    | 155   | 165   | 180    | 205    |

| MODEL         |      | GT Plus 20 | GT Plus 25 | GT Plus 30 | GT Plus 35 | GT Plus 40 |
|---------------|------|------------|------------|------------|------------|------------|
| D.H.W. lt/min | lt/h | 8,2        | 10         | 12         | 14         | 16         |

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