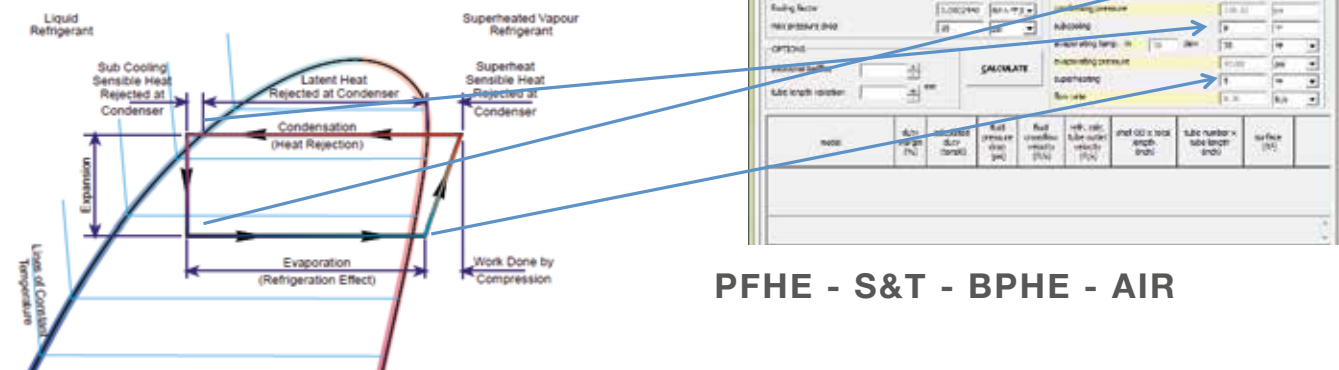
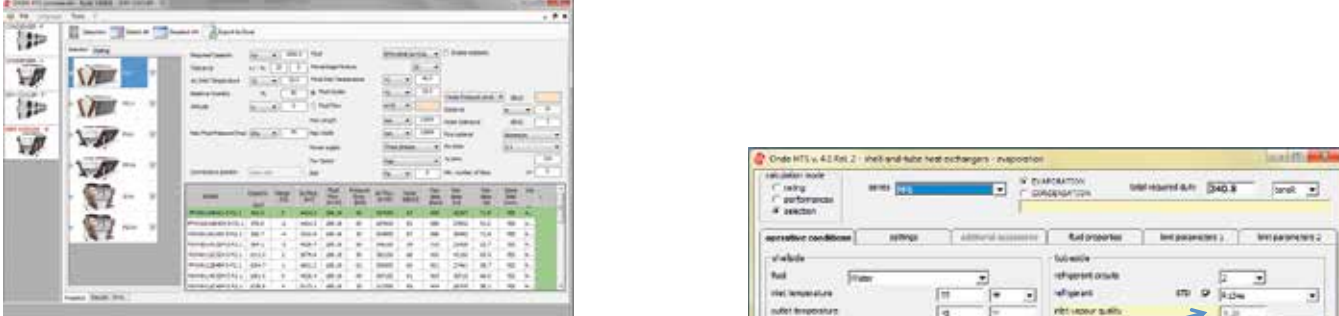


# SOFTWARE AVAILABLE FROM WEB SITE



PFHE - S&T - BPHE - AIR



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REV. 1.4 - 06/2022



## ADVANCED HEAT EXCHANGERS



## ONDA CAN DEVELOP CUSTOMIZED PRODUCTS ON REQUEST

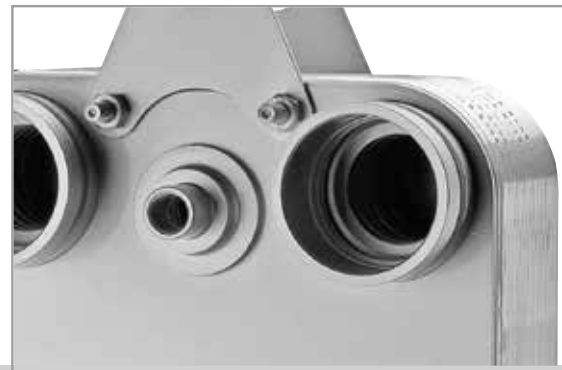
Thanks to its flexibility and a lean manufacturing process, Onda S.p.A. can manufacture special products, developed together with the customers. Both thermal and mechanical design may be carried out according to specific customer needs. Special finned exchanging tubes, designed and developed by Onda, are available too. **Materials:** Titanium, Copper Nickel, Superduplex, Copper, Stainless steel, Carbon steel. **Special coating available** **Pressure:** up to 100 bar **Temperature:** from -57 °C to 250 °C **Overall dimensions:** outside diameter up to 2,3m, length up to 13m **Weight:** up to 25t





Onda manufactures a complete range of air heat exchangers.

- Air Coolers up to 180 kW
- Unit Coolers up to 180 kW
- Axial Condensers with a capacity between 5 and 2400 kW
- Liquid Coolers & Dry Coolers with capacities from 5 to 1800 kW offering the following options:
  - V Design
  - Adiabatic System (Spray - Pad)
  - Up to 20 fans
  - Max. length up to 13 m.



With the wide range of 21 different models of brazed heat exchangers, Onda has the answer for any application, coming both from refrigeration field (evaporation and condensation of freon from 10 to 750 kW) and from HVAC field for heating, sanitary water and air conditioning applications.



The range of gasket plate & frame heat exchangers is available in different models and dimensions. It always offers the best solution for all main heat exchange applications, like HVAC, Industry, Cogeneration, District Cooling & Heating. The range goes from DN32 to DN200 with AISI 316/304 Titanium plates and NBR/EPDM/VITON gaskets



Onda can manufacture S&T heat exchangers in different sizes and for different applications. In addition to the typical evaporators and condensers for HVACR, including the flooded evaporators, Onda has now the technical know-how and the production capacity to build big vessels (with shell diameter up to 2,3 m, and overall length above 10 m) suitable for several industrial and naval installations.

## AIR HEAT EXCHANGERS

## BRAZED PLATE

## PLATE & FRAME

## SHELL & TUBE



**HVL-CVD** Condensers  
**MVL-FVD** Dry-coolers



**CND** Condensers  
**FND** Dry-coolers



**CLV - GCV** Condensers  
**FLV - GLV** Dry-coolers



**S727**  
dual circuit



**S606 - S606M**



**S424**  
dual circuit



**S404 - S404M**



**S222**  
dual circuit



**S202 - S202M**



**GT025**



**GT022**



**GT021**



**GT015 / GP015**



**HC - CEV - CEO**  
Hermetic condenser



**RL RL-V**  
Liquid receivers



**OVS**  
Oil separators



**BPR**  
Bhe with receiver



**OIL**  
Oil coolers



**M - SM**  
Sea water condenser



**L - B - LVC - C**  
Shell & tube condensers



**FSE** Straight tubes  
evaporators for New refrigerant low GWP



**MPE - LPE - HDE**  
Shell & tube evaporators



**E - A**  
Industrial air and unit coolers



**CN** Condensers  
**FN** Dry-coolers



**ER - AR**  
Radial air and unit coolers



**S182 - S182M**



**S101L**



**S101**



**S82 - S82M**



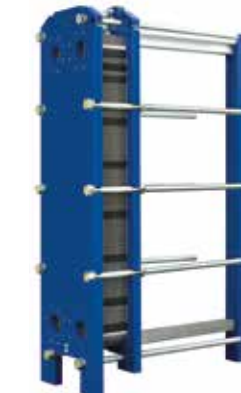
**S87**



**S93**



**S62**



**GT012**



**GG010 / GM010**



**GG009**



**GG008**



**Modules**  
(assembled evaporator & condensers)



**WT - WTK**  
Water storage for evaporators



**HF**  
Hybrid Film evaporators



**IX-BOX**



**FLT - FLS**  
Flooded evaporators



**ED - AD**  
Dual discharge air and unit coolers



**ET**  
Blast Freezer



**EC - AC**  
Centrifugal air and unit coolers

## ADVANCED HEAT EXCHANGERS