

#### GLASSMACHINERY AND TOOLS | EVA FILM



## MACHINES FOR TEMPERED GLASS PRODUCTION



NorthGlass – The leading international producer of glass tempering furnances!

# www.kkprovitrum.at

You can reach us at:



# ADVANCED LINE GLASS TEMPERING FURNACES



| FEATURES  |  |
|---|--|
| Gapless forced convection technology                | Radiation heating plate  |
| Convection fan exclusively made by NorthGlass       | Bending & tempering technology                                       |
| Intelligent heating control module                  | Upward / downward bending & tempering technology by flexible rollers |
| Finer heating control partition                     | Nanoscale thermal insulation material                                |
| Super flat & spotless technology                    | Control system by sub-stations                                       |
| Dual photoelectric sensors length glass measurement | Ultra-wide & super-long tempered glass                               |

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# SPECIAL GLASS TEMPERING FURNACE LINES

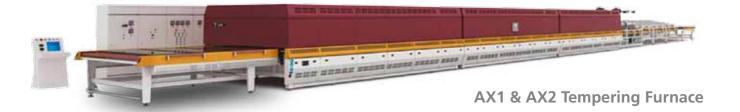


#### **FEATURES**

Dual-chamber forced convection glass tempering furnace can be configured with following solutions, according to customer's different requests:

- A) Radiation heating chamber (first) + Radiation heating chamber (second) 1.5 times heating power and 1.3-1.4 times output compared to traditional single-chamber radiation heating furnace
- B) Top forced convection heating chamber (first) + Radiation heating chamber (second) 1.5 times heating power and 1.4 times output compared to traditional single-chamber radiation heating furnace
- C) Top forced convection heating chamber (first) + Top forced convection heating chamber (second) 1.5 times heating power and 1.4-1.5 times output compared to traditional single-chamber radiation heating furnace
- D) Top & bottom forced convection heating chamber (first) + Radiation heating chamber (second) 2 times heating power and 1.8 times output compared to traditional single-chamber radiation heating furnace
- E) Top & bottom forced convection heating chamber (first) + Top forced convection heating chamber (second) 2 times heating power and 1.8-1.9 times output compared to traditional single-chamber radiation heating furnace

ADF-1 and AX1/AX2 Glass Tempering Furnace with a variety of configurations, comprehensive processing adaptability and mature technology, ADF-1 Glass Tempering Furnace ensures you a strong production capacity with super glass quality and relatively low energy consumption, it is especially suitable for mass production of high quality temped glass for architectural, furniture, household appliances industries and etc.





# BASIC LINE GLASS TEMPERING FURNACES



#### **FEATURES**

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Grid-array forced convection technology



Radiation heating plate



Convection fan exclusively made by NorthGlass



Bending & tempering technology by rigid rollers



Upward / downward bending & tempering technology by flexible rollers



Layered thermal insulation materials

### Available for following max. glass widths

1.250 mm

1.700 mm

2.100 mm

2.440 mm

2.850 mm

3.300 mm

### Available for following max. glass lenghts

1.500 mm

2.500 mm

3.000 mm

3.660 mm

4.000 mm

continuous every + 1.000 mm



**A5 & A15 Tempering Furnace**