

## Adiabatic Cooling Systems – Reference list

### Heineken Hungária Zrt. Sopron



The installed air handling system consists of the following:

- 15 pcs of II. and III. generation adiabatic air-cooling unit
  - o  $\Sigma Q_{cooling}$ : **1.120 kW**
  - o  $\Sigma V$ : **310.000 m<sup>3</sup>/h**
- 5 db air heating unit
  - o  $\Sigma Q_{heating}$ : **750 kW**

Years of installation: from 2008 until 2021 in several stages

Operational areas:

- Bottle filler
- Packaging
- KEG filling
- Pasteurizer
- Can filler

### Linamar Hungary Zrt. Orosháza



The installed air handling system consists of the following:

- 33 pcs of II. generation adiabatic air-cooling unit
  - o  $\Sigma Q_{cooling}$ : **2.640 kW**
  - o  $\Sigma V$ : **891.000 m<sup>3</sup>/h**

Year of installation: 2011

Operational area:

- Metal cutting/machining plant

### Linamar Hungary Zrt. PPM Division Békéscsaba



The installed air handling system consists of the following:

- 31 pcs of II. generation adiabatic air-cooling unit
  - o  $\Sigma Q_{cooling}$ : **2.480 kW**
  - o  $\Sigma V$ : **837.000 m<sup>3</sup>/h**

Years of installation: 2012 and 2015 in two stages

Operational area:

- Metal cutting/machining plant

### Benteler Autótechnika Kft. Mór

The installed air handling system consists of the following:

- 14 pcs of II. generation adiabatic air-cooling unit
  - $\Sigma Q_{cooling}$ : **1.120 kW**
  - $\Sigma V$ : **378.000 m<sup>3</sup>/h**

Year of installation: 2013

Operational area:

- Steel tube manufacturing plant



### Magyar Suzuki Zrt. Esztergom

The installed air handling system consists of the following:

- 8 pcs of III. generation adiabatic air-cooling unit
  - $\Sigma Q_{cooling}$ : **680 kW**
  - $\Sigma V$ : **176.000 m<sup>3</sup>/h**

Years of installation: 2021 and 2022 in two stages

Operational area:

- Bumper manufacturing plant



### Univer Product Zrt. Kecskemét

The installed air handling system consists of the following:

- 8 pcs of III. generation adiabatic air-cooling unit
  - $\Sigma Q_{cooling}$ : **680 kW**
  - $\Sigma V$ : **176.000 m<sup>3</sup>/h**

Years of installation: 2013 and 2023 in two stages

Operational area:

- Tomato plant
- Jam plant



### Claas Hungária Kft. Törökszentmiklós

The installed air handling system consists of the following:

- 4 pcs of III. generation adiabatic air-cooling unit
  - $\Sigma Q_{cooling}$ : **340 kW**
  - $\Sigma V$ : **88.000 m<sup>3</sup>/h**

Years of installation: 2016 and 2018 in two stages

Operational area:

- Welding plant



### ContiTech Fluid Automotive Kft. Makó

The installed air handling system consists of the following:

- 8 pcs of III. generation adiabatic air-cooling unit
- 1 pcs of IV. generation adiabatic air-cooling unit
  - $\Sigma Q_{cooling}$ : **3.415 kW**
  - $\Sigma V$ : **880.000 m<sup>3</sup>/h**

Years of installation: 2018, 2019 and 2023 in three stages

Operational area:

- Extruder plant
- Vulcanization plant
- Assembly plant



### Paccar Parts DAF Hungary Kft. Zsámbék

The installed air handling system consists of the following:

- 2 pcs of I. generation adiabatic air-cooling unit
  - $\Sigma Q_{cooling}$ : **120 kW**
- 15 pcs of rooftop air handling unit
  - $\Sigma V$ : **150.000 m<sup>3</sup>/h**
  - $\Sigma Q_{heating}$ : **1500 kW**

Year of installation: 2008

Operational area:

- Logistic warehouse of spare parts



### Xella Magyarország Kft. Ytong Falazóelemgyár Halmajugra

The installed air handling system consists of the following:

- 3 pcs of III. generation adiabatic air-cooling unit
  - $\Sigma Q_{cooling}$ : **175 kW**
  - $\Sigma V$ : **66.000 m<sup>3</sup>/h**

Year of installation: 2023

Operational area:

- Ytong plant
- Packaging

