



## V-Shaped dry cooler

DV/DX/KDV: V-Shaped dry coolers with axial fans for outdoor use

Cooling capacity from 90 kW to 1200 kW



Outdoor installation



Low Noise



AC fans



High efficiency



Natural Refrigerant



Floating pack system

ROEN EST's V-shaped dry coolers with axial fans are suitable for outdoor applications, using highly sustainable R718 refrigerant and brines. Configurable for low noise levels and capacity to exactly match system requirements. Compared to cooling towers and wet systems, our V-shaped dry coolers require little maintenance and are highly effective in preventing Legionella contamination. The V-shape is ideal for remote installations where footprint is limited.

### FEATURES

- Use H<sub>2</sub>O natural refrigerant and brine
- **Finned coil:** Built with 1/2" copper tubes and louvered aluminum fins. Designed with 'Floating pack system', which allows the coil to levitate to avoid leaks
- **Fans:** Equipped as standard with AC fan motors. Axial fans with external rotor (380-480V III 50/60Hz) Compliant with ErP Directive Ø 800, 910 mm
- **Casing:** Pre-painted aluminum
- **Design pressure: PS=30bar PT=43bar**

### OPTIONS

#### FIN MATERIAL

- Copper Fins
- Coated Fins
- Other not standard fin material

#### CASING

- Anti dampers

#### ELECTRICAL OPTIONS

- EC fans
  - Speed controller
  - Wiring into centralized box (included with EC Fans)
  - Service switch
- Wiring + Magnetothermics

#### OTHER

- AquaAero
- Blygold
- Spray adiabatic system
- Pads adiabatic system (coming soon)
- Fan diffuser

### APPLICATION



IT cooling



Industry



Oil & Gas