



Figure

CRANEFRIGOR™ WDV

The CRANEFRIGOR™ WDV wall/ceiling evaporator was developed for reliable and long-term operation under extreme ambient conditions as in steel works, paper factories and foundries. Thanks to its robust structure, a reliable operation is ensured even with heavy shocks.

The CRANEFRIGOR™ series of crane air conditioning units ensure a reliable and efficient production process.

General description

Scope of delivery	Your benefits!
Circulating air fan <ul style="list-style-type: none"> AC radial fan, industrial construction 	<ul style="list-style-type: none"> Powerful Long runtimes
Air filter <ul style="list-style-type: none"> Large-surface frame filter Filter class COARSE 65% 	<ul style="list-style-type: none"> Effective filter with long service life Easy to replace and clean
Condensation water separation <ul style="list-style-type: none"> Drip tray primed and powder-coated in RAL 7015 Hose connection for condensation Siphon in condensate line 	<ul style="list-style-type: none"> No corrosion of the tray Defined condensation drainage Avoids the drawing in of contaminated ambient air
Control and power cabinet <ul style="list-style-type: none"> Completely wired, according to VDE 	<ul style="list-style-type: none"> The wall/ceiling evaporator is ready for connection; at the site, you only have to connect the power supply.
Casing <ul style="list-style-type: none"> Robust, welded construction Primed and powder-coated in RAL 7015 Other colours or stainless steel version optional 	<ul style="list-style-type: none"> Long service life Attractive colour scheme with high corrosion protection
Quality assurance <ul style="list-style-type: none"> Leakage test Function test in our plant's test facility 	<ul style="list-style-type: none"> Operational reliability Easy commissioning on site

Options packages:

Material order no.	Scope of delivery	Your benefits!
807 580	Options packages "Comfort" AC radial fan (fixed speed) with adjustable air volume for cabin application	<ul style="list-style-type: none"> • Powerful • Long runtimes • Energy-efficient and quiet
807 581	Speed-controlled EC radial fan, industrial construction	
807 731	Option package "Heater" Air heater with temperature monitor and safety temperature limiter	<ul style="list-style-type: none"> • Comfortable room temperature • Frost protection even at standstill or during maintenance work
807 732	Option package "Corrosion protection" Corrosion protection package	<ul style="list-style-type: none"> • Housing / Plate parts made of high-quality stainless steel 1.4571 / AISI 316Ti
807 733	Option package "Custom" Customer-specific version	<p>Special requirements of a company can be realised, such as:</p> <ul style="list-style-type: none"> • Custom voltages / Network configurations • Heat exchanger version (fully copper, blade spacing and thickness) • Conductor identification • Special coatings
807 734	Options packages "Accessories" Assembly accessories according to specification	<ul style="list-style-type: none"> • Connections for refrigerant hoses
807 735	Spare parts according to specification	<ul style="list-style-type: none"> • Spare part package

Technical specifications WDV:

Performance data

Cooling performance is included customised in the offer
Heat output is included customised in the offer

Nominal cooling performance:

2.5 – 6.5 kW

- At 27 °C room temperature, 52 % rel. room air humidity
- Refrigerant R134a / R513A

Air flow volume:

750 – 1400 m³/h

Heating mode

Temperature range

-25 °C to +30 °C

Sizes and weight

Weight

approx. 78 kg

Dimensions

type, see dimension sheet

Operating voltage

Further operating voltages upon request

3 ph / 400 V / 50 Hz

3 ph / 460 V / 60 Hz

Protection category

IP54

Network type

TN-S

Refrigerant

GWP (global warming potential)

R134a / R513A / R450A

1430 / 631 / 605

The performance description is a quality in the sense of sections 434 and/or 633 BGB (German Civil Code).

Subject to technical change.