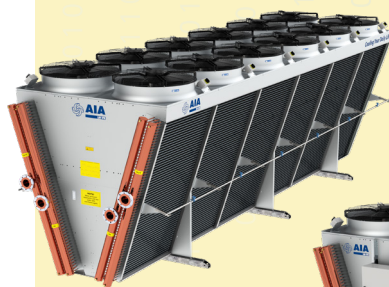


### Cooling Your Daily Life®



DB0



DB1

#### Benefits

- Heavy duty design with high corrosion resistance
- Favorable capacity/footprint ratio
- Available with easily cleanable industrial fins
- Reliable performance, Eurovent Certified
- Easy installation & maintenance
- Energy efficient: low total cost of ownership
- Two-year product guarantee
- Easy access to additional on-line product information

#### General information and application

The VXX3 series is a wide range of heavy-duty V-type dry coolers, based on modular design and optimized to achieve the best balance between environment, economy and performance.

VXX3 is specially designed for very high capacity on small footprint. The tube configuration is designed to work in a perfect harmony with modern environmentally friendly brine refrigerants in different applications such as data center cooling, air conditioning, process, refrigeration and industrial cooling.

The wide range of EC fans and control systems make it suitable for both silent operation in residential areas and maximized performance in industrial areas.

Refrigerant



Capacity range (EN 1048)

200 kW up to 2 MW

#### Finned coil

The coil design provides excellent heat transfer. Fitted with copper tubing and aluminium fins. Standard fin spacing 2.1 and 2.4 mm.

#### Construction

Frame construction prevents vibration and allows thermal expansion. Galvanized steel casing, powder coated RAL 7045. Corrosion class C4-H.

#### Fan motors

High efficiency AC or EC fan motors, available in different fan diameters (910 and 1,000 mm) and noise levels. AC fans power supply 400 V/50 Hz/3 ph, protection class IP54. EC fans power supply 380-480 V/50-60 Hz/3 ph, protection class IP55. Motors are electrically connected to standard LSS – lockable service switches.

#### Design pressure

Design pressure 10 bar. Each heat exchanger is leak tested with dry air.

#### Selection

Selection and pricing is to be performed with our air heat exchanger selection software AiaCalc. Selection output includes all relevant technical data and dimensional drawings.

#### Certifications

The AIA LU-VE quality system is in accordance with ISO 9001. All products are manufactured according to PED regulations.

LU-VE Group participates in the ECP program for HE. Check ongoing validity of certificate\*:

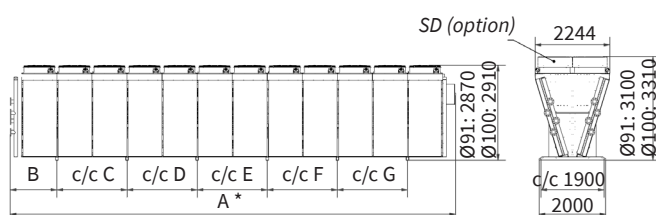
[www.eurovent-certification.com](http://www.eurovent-certification.com)

\*Brine refrigerant is not covered by Eurovent certification



# VXX3

## Industrial V-type dry coolers



### Dimensions

Size	Module type 4A -1050 mm						
	A	B	C	D	E	F	G
22	2824	350	2104	-	-	-	-
23	3876	350	3156	-	-	-	-
24	4928	1402	2104	-	-	-	-
25	5980	350	2104	1052	2104	-	-
26	7032	1402	2104	2104	-	-	-
27	8084	1402	2104	1052	2104	-	-
28	9136	1402	2104	2104	2104	-	-
29	10188	1402	2104	3156	2104	-	-
210	11240	1402	2104	2104	2104	2104	-
211	12292	350	2104	2104	3156	2104	2104
212	13344	1402	2104	2104	2104	2104	2104

Size	Module type 4B -1145 mm						
	A	B	C	D	E	F	G
22	3019	350	2294	-	-	-	-
23	4166	350	3441	-	-	-	-
24	5313	1497	2294	-	-	-	-
25	6460	350	2294	1147	2294	-	-
26	7607	1497	2294	2294	-	-	-
27	8754	1497	2294	1147	2294	-	-
28	9901	1497	2294	2294	2294	-	-
29	11048	1497	2294	3441	2294	-	-
210	12195	1497	2294	2294	2294	2294	-
211	13342	350	2294	2294	3441	2294	2294

Size	Module type 4C -1260 mm						
	A	B	C	D	E	F	G
22	3244	350	2524	-	-	-	-
23	4506	350	3786	-	-	-	-
24	5768	1612	2524	-	-	-	-
25	7030	350	2524	1262	2524	-	-
26	8292	1612	2524	2524	-	-	-
27	9554	1612	2524	1262	2524	-	-
28	10816	1612	2524	2524	2524	-	-
29	12078	1612	2524	3786	2524	-	-
210	13340	1612	2524	2524	2524	2524	-

Size	Module type 4D -1400 mm						
	A	B	C	D	E	F	G
22	3524	350	2804	-	-	-	-
23	4926	350	4206	-	-	-	-
24	6328	1752	2804	-	-	-	-
25	7730	350	2804	1402	2804	-	-
26	9132	1752	2804	2804	-	-	-
27	10534	1752	2804	1402	2804	-	-
28	11936	1752	2804	2804	2804	-	-
29	13338	1752	2804	4206	2804	-	-

### Options

- Coil corrosion protection:
  - Copper
  - Seawater resistant (AlMg)
  - Coated (ALU-Plus)
- Header cover (HC)
- Safety switch:
  - Lockable service switches with auxiliary contacts (LSX)
  - Lockable service switches with auxiliary contacts wired to terminal (LSX+WAC)
  - Lockable service switches with auxiliary contacts wired to terminal in the cabinets ECC and JBS2 (LSX+WAC2)
- Connection box:
  - Enclosed motor control (CE)
  - Enclosed motor control with common junction box including main switch and MCB's (CE+JBS2)
- Fan sectioning (FS)
- Delivery cover for fins and coil (FP)
- Free pass with ladder left back (LBW)
- Free pass with ladder right front (RFW)
- Standard with ladder left front (LFS)
- Standard with ladder right back (RBS)
- Vibration dampers
- Flanged
- Whisperer
- Dri-Batic water spray system including tubes and nozzels pre-mounted from factory, up to 500 hours (DB0)
- Dri-Batic water spray system kit and cabinet including filter, valves and pressure gauge, up to 500 hours (DB1)

### Code description

VXX3	-	D	-	91	Q1	L	-	29	-	4D	-	5	B1	-	900	-	288	-	*
1	2	3	4	5	6	7	8	9	10	11	12								

- VXX3
- Dry cooler
- Fan diameter (91=910 mm, 100=1000 mm)
- Fan variant (Q1, Q2, Q3, Q4)
- Fan model (A=AC, L=EC)
- Size (1st digit: no. of coils, 2nd digit: no. of fans)
- Module type (4A, 4B, 4C, 4D)
- No. of rows in depth
- Fin spacing (B1=2.1, B2=2.4)
- Fan speed
- No. of circuits
- Options

31619132EN-03



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Aia LU-VE reserves the right to change specifications without prior notification.

