

# OSTRO

V-TYPE DOUBLE-ROW  
DRY COOLER



AIR HEAT EXCHANGER MANUFACTURER



# OSTRO

## V-TYPE DOUBLE-ROW DRY COOLER

**OSTRO is a product range designed to meet the needs of high capacity exchange in dry cooler and condenser operation for the industrial process, HVAC air conditioning and refrigeration.**

With the PAD or SPRAY versions the capacity increases, thanks to water injection, are very significant and guarantee a legionella-free solution.



# OSTRO

## V-TYPE DOUBLE-ROW DRY COOLER

- High heat exchange performance with the Large version.
- Decidedly robust coil and casing.
- Solution with triple configuration - Dry, Spray and PAD.
- A super complete range of fans and coolants.

### FLUIDS AVAILABLE

WATER  
GLYCOL  
LIQUIDS ON SPECIFIC FEATURE

Capacities up to **2030 kw**

DT15°C, EG 35%  
IN THE DRY VERSION

Capacities up to **3000 kw**

DT15°C, EG 35%  
IN THE ADIABATIC VERSION

**480 models**

in 2 configurations

**3**

years of warranty

**790 kw**

DT15 EG 35% AC fan 44 db(A) 10 m.  
High capacities with low noise

Up to **75 kw/m<sup>2</sup>**

DT15 EG 35%.  
High capacity density



## Performance



**Performance in kW versus market (+5/+15%)**  
with the same ventilation and coil size.



**Fan consumption at market minimums (-3/-10%)**  
with the same ventilation and coil size.



**Consumption < 0.5% of the capacity exchanged,**  
up to 1.0 MW DT15°C, EG 35%  
with EC motors.

## Solidity



**High thicknesses**  
of pipes and fins.



**Casing in painted plate 20/10**  
for excellent strength.



**Connection protected**  
thanks to header protection  
panels.



**Optimised transport**  
with units sized for container  
transport.

# OSTRO

## V-TYPE DOUBLE-ROW DRY COOLER



### COIL

In OSTRO series units, the coil dedicated to heat exchange during cooling is of the latest generation and adopts a geometry (tube and row spacing) that optimizes the exchange capacity in absolute terms, specific to ventilation absorption.

The adoption of thick fins and the strong turbulence contribute to the remarkable heat exchange capacity of OSTRO units.

All coils undergo hydraulic testing at 16 bar.

### STRUCTURE

In the OSTRO series units, the air circulation is very effective thanks to the adoption of an exchange V that optimizes the aerualics in the lower part of the machine. The adoption of transverse and longitudinal baffles optimizes the design by excluding possible interference between one ventilation and another.

OSTRO units also adopt the latest generation cowls and fans that guarantee silent operation and excellent machine performance, eliminating any possibility of recirculating spoiled air.

### VENTILATION

The OSTRO series units are equipped with fans with the latest AC and EC technology that allow continuous speed control with motor management. The drive motor, fan blades and protective grid construction form an optimal ventilating unit with an external rotor. The drive motors are quiet and maintenance-free.

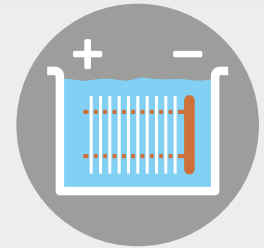
All fans are subject to balancing quality Q 6.3 according to VDI 2060.

The axial fans are easy to maintain with the thermal contacts integrated in the motor winding.



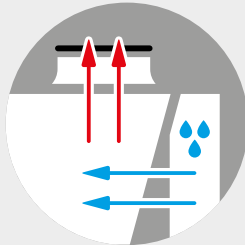
#### Super silent versions

using EC motors and silencers.



#### High corrosion resistance

with electrolytic coating treatments.



#### Versions with ADIABATIC operation

with non-organic PAD.



#### Excellent aerualics

thanks to air flow separation baffles longitudinal and transverse.

## ACCESSORIES

- High-temperature motors
- EC versions with silencer
- EC fan (option THD < 5%)
- Heat exchanger treatment resistant up to 6000 h in saline mist
- Adiabatic solutions: sprayed pack and spray system with nozzles
- Wired plug&play adjustment systems
- Recirculation system for legionella-free PAD
- Drainable circuits, vibration dampers and flanges
- Coil protecting wire nets



## RANGE

Length	up to 12.5 m
Versions available	with stainless steel pipes and casing
Fin material	Al, Al-Mg, Cu, Al pv, Al cath
3 fin spacing	2,1 - 2,4 - 3,6 mm
DT15°C EG 35% capacity	220 ÷ 2030 kW in the Dry version
Fan size	Ø 800 - 900 - 1000 mm
Number of fans	4 ÷ 18

## SELECTION CODE

<b>OSTRO</b>	<b>W</b>	<b>80</b>	<b>2.2</b>	<b>B</b>	<b>2,1</b>	<b>V</b>	<b>AC 04D</b>
<b>OSTRO</b>	V-type double-row dry cooler						
<b>W</b>	<b>W</b> = brine   <b>C</b> = CO <sub>2</sub> dx   <b>A</b> = ammonia						
<b>80</b>	fan size Ø 800 mm						
<b>2.2</b>	number of fans = 2 x 2 = 4						
<b>B</b>	<b>A - B - C - D</b> = coil type						
<b>2,1</b>	fin spacing mm						
<b>V</b>	Vertical air flow						
<b>AC</b>	<b>AC</b> = AC motor   <b>EC</b> = electronic motor						
<b>04</b>	electric motor poles						
<b>D</b>	<b>S</b> = single phase   <b>D</b> = three phase high speed <b>Y</b> = three phase slow speed						

## CONFIGURATIONS

RANGE	MODELS	FANS		POLES	AVAILABLE ON REQUEST	
	Nr.	Nr.	Ø mm	Nr.		
<b>OSTRO W 80</b>	49	4 ÷ 16	800	6 - 8	CO <sub>2</sub>	NH <sub>3</sub>
<b>OSTRO-L W 80</b>	56	4 ÷ 18	800	6 - 8		
<b>OSTRO W 90</b>	91	4 ÷ 16	900	4 - 6 - 8 - 12		
<b>OSTRO-L W 90</b>	104	4 ÷ 18	900	4 - 6 - 8 - 12		
<b>OSTRO W 100</b>	49	4 ÷ 16	1000	6 - 8		
<b>OSTRO-L W 100</b>	56	4 ÷ 18	1000	6 - 8		

RANGE	ACCESSORIES																	
	INCREASED FIN SPACING	AISI 304 CASING	SPECIAL RAL	CORROSION C5 CLASS	PREPAINTED FINS S	COIL CATHODE TREATMENT	VIBRATION DUMPER	EC FANS	WIRING	POWER SWITCHES FOR FANS	SILENCER AX	SILENCER +	FAN SPEED CONTROLLER	DRAINABLE CIRCUIT	GRID COIL PROTECTION	METAL FILTER FOR COIL	ADIABATIC SPRAY SYSTEM	ADIABATIC PAD SYSTEM
<b>OSTRO W 80</b>	●	○	○	○	●	●	●	●	●	●	●	○	●	○	●	●	●	●
<b>OSTRO-L W 80</b>	●	○	○	○	●	●	●	●	●	●	●	○	●	○	●	●	●	●
<b>OSTRO W 90</b>	●	○	○	○	●	●	●	●	●	●	●	○	●	○	●	●	●	●
<b>OSTRO-L W 90</b>	●	○	○	○	●	●	●	●	●	●	●	○	●	○	●	●	●	●
<b>OSTRO W 100</b>	●	○	○	○	●	●	●	●	●	●	●	○	●	○	●	●	●	●
<b>OSTRO-L W 100</b>	●	○	○	○	●	●	●	●	●	●	●	○	●	○	●	●	●	●

● Optional

○ On request

# OSTRO

## V-TYPE DOUBLE-ROW DRY COOLER

### ADIABATIC SYSTEM

The adiabatic system for Ostro units humidifies the intake air without spraying water directly on the coil: the air is then cooled before entering the heat exchanger, leading to a significant increase in the performance of the device. Metal or cellulose panels are installed in front of the coils, which initially absorb excess moisture and release it back into the air flowing through them. This dual-effect system guarantees high humidification rates and good protection of the heat exchanger fins. The recirculation system supplied reduces water consumption and significantly reduces the cost of water treatment, guaranteeing a very high level of hygiene at the start.

### ADIABATIC PAD

#### CHARACTERISTICS

##### Reliability and high performance

- Complies with strict hygiene regulations VDI 6022
- Antimicrobial - anticorrosive
- Lasts the lifetime of the unit, so it is safe
- No puddles of water - No stagnation and recirculation of water
- Protects heat exchanger coil from corrosion
- High efficiency with low load losses on the air side
- Low water consumption per year with the same efficiency
- Designed to be self-cleaning
- Simple and fast installation > take off / put on
- Absence of spray - aerosol
- Anti-legionella smart water recirculating pump option
- Protective net against clogging with pollen and foliage

#### CONSUMPTION

##### Low water consumption

**2 MW - Conditions Ambient T. 35°C - EG 35% DT 10°C**

##### AT MAXIMUM EXCHANGE CAPACITY

- 3.8 m<sup>3</sup>/hour without recirculation
- 1.9 m<sup>3</sup>/hour with recirculation
- 18 X 900 6 POLE 34 kW consumption 1.7%
- 58 db(A) 10 m
- AT 50% EXCHANGE CAPACITY
- 1.7 m<sup>3</sup>/hour without recirculation
- 0.9 m<sup>3</sup>/hour with recirculation
- 5 kW consumption that is 0.5%
- 37 db(A) 10 m

#### SETTING

##### Simple system setting

##### Settings:

- fluid outlet temperature
- dry/wet switching temperature

##### Adjustment logic:

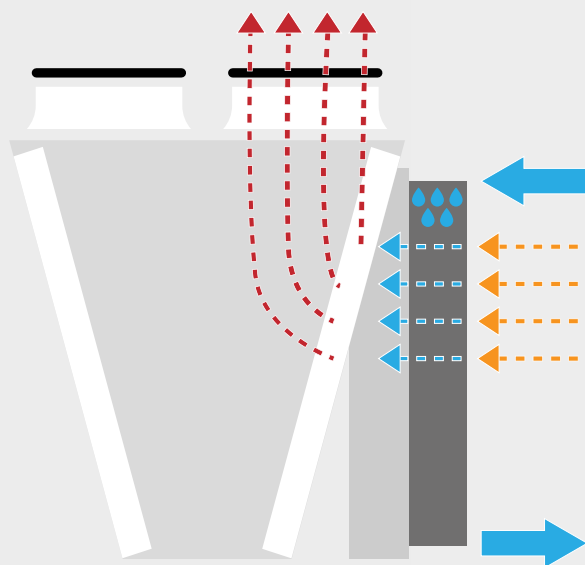
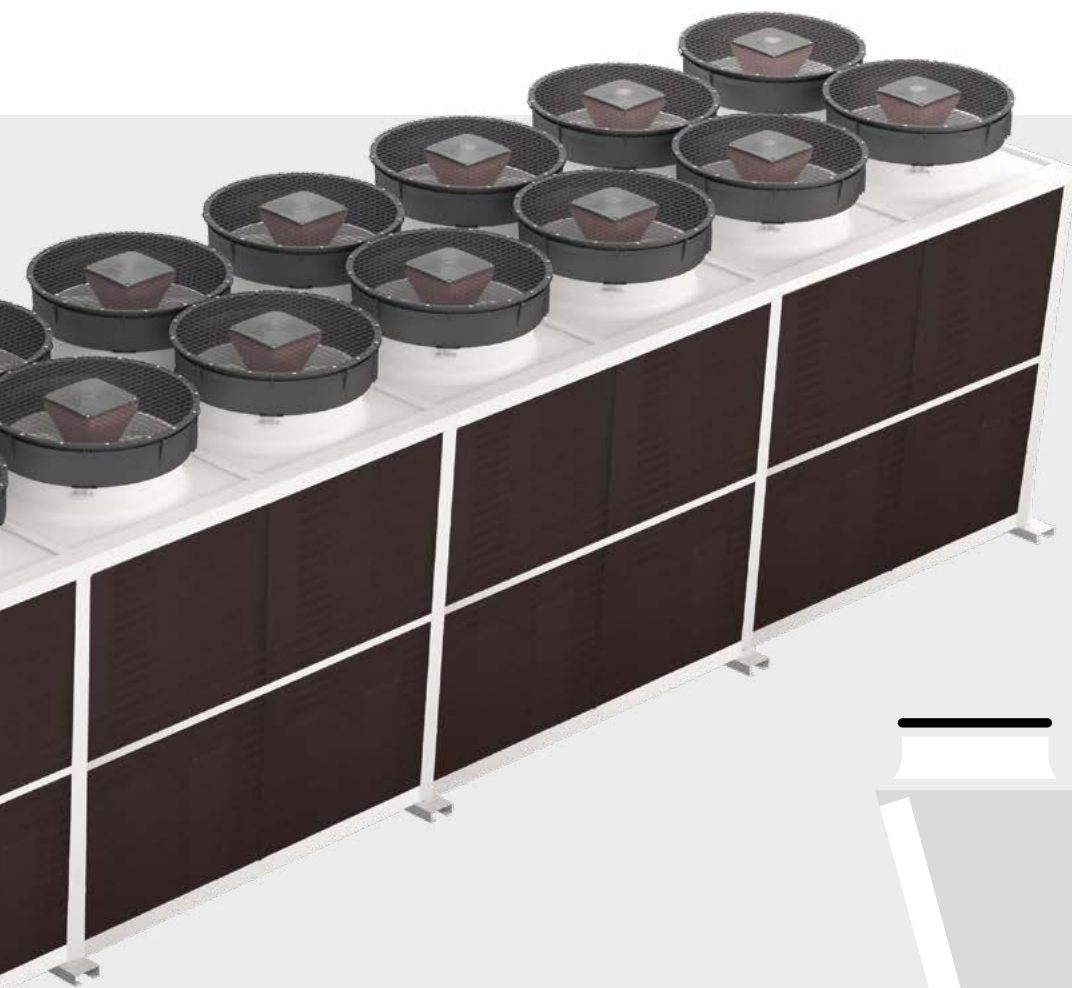
- water injection in PAD with impulses (T, RH, rpm, P)
- adjustment 0 - 10 Vdc EC fans

##### Calculation parameters:

- unit dimensions
- R.H. %
- ambient temperature
- air flow
- atmospheric pressure







## Example of application of the ADIABATIC PAD on OSTRO L90 6p

### Improvements of system performances

On the following conditions: Ambient T.35°C - E.G.35% DT10°

- **Condensation reduced** by 7°C from  $\Delta T1$  10°C to  $\Delta T1$  3°C.
- **Chiller off for 2 more months in the year:** FREE COOLING starts from Ambient T. 8°C instead of 5°C.

### Improvements of unit performances

On the following conditions: Ambient T.35°C - E.G.35% DT10°

- **100% increase of exchange capacity:** 18 x 900 6P - from 1 MW to 2 MW - 58 dB(A) 10m
- or
- **Reduced capacity consumption** [on the same unit with EC motors + silencer]: minus 85% and minus 21dB(A).
- or
- **Space Saving ~ 55% and Money Saving ~15%:** unit with 18 to 8 fans.

# OSTRO W 80



V-type double-row dry cooler

Ø 800 mm

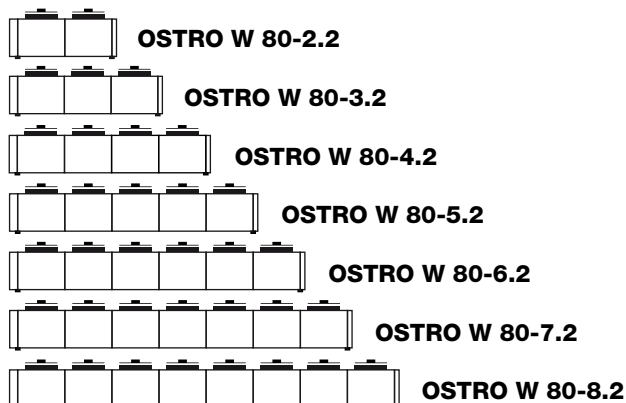
FAN SIZE

180,5 ÷ 1268,3 kW

DT 15K CAPACITY

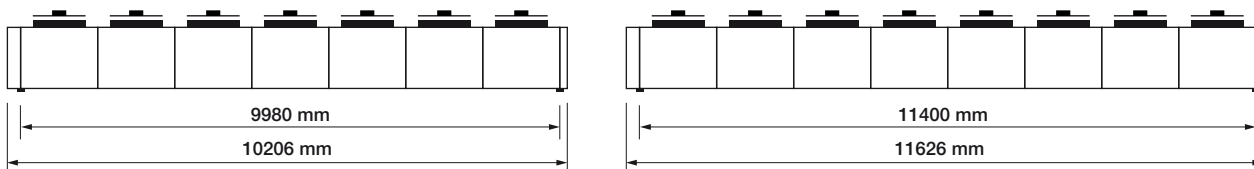
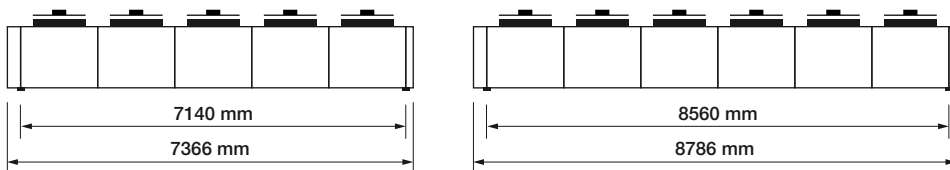
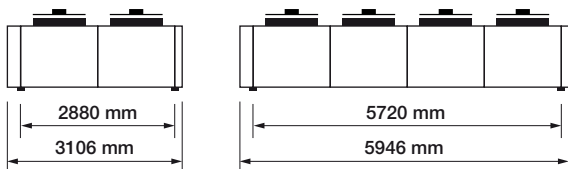
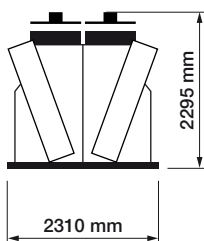
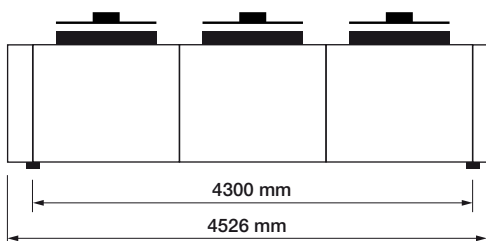
4 ÷ 16

NUMBER OF FANS



## DIMENSIONS

OSTRO W 80-2.2/3.2/4.2/5.2/6.2/7.2/8.2



# OSTRO W 80



V-type double-row dry cooler

3 PH 6 poles	CAPACITY	FLUID FLOW	FLUID PRESSURE DROPS	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	POWER	CURRENT	SURFACE	WEIGHT	CONNECTION IN / OUT
	kW	m³/h	kPa	m³/h	dB(A)	Nr. x Ø mm	kW	A	m²	kg	
OSTRO W 80-2.2 B 2,1 V AC 06D	268,1	51,2	44	80.600	52	2 x 2	6,88	15,60	817	878	2 x 2" 1/2
OSTRO W 80-2.2 C 2,1 V AC 06D	300,3	57,3	53	77.700	52	2 x 2	6,88	15,60	1.089	963	2 x 3"
OSTRO W 80-2.2 D 2,1 V AC 06D	314,2	60,0	38	75.050	52	2 x 2	6,88	15,60	1.361	1.047	2 x 3"
OSTRO W 80-3.2 B 2,1 V AC 06D	402,6	76,8	45	120.900	54	3 x 2	10,32	23,40	1.225	1.277	2 x DN100
OSTRO W 80-3.2 C 2,1 V AC 06D	443,1	84,5	32	116.550	54	3 x 2	10,32	23,40	1.634	1.404	2 x DN100
OSTRO W 80-3.2 D 2,1 V AC 06D	471,1	89,9	37	112.600	54	3 x 2	10,32	23,40	2.042	1.531	4 x 2" 1/2
OSTRO W 80-4.2 B 2,1 V AC 06D	503,3	96,1	13	161.250	55	4 x 2	13,76	31,20	1.634	1.664	4 x 2" 1/2
OSTRO W 80-4.2 C 2,1 V AC 06D	606,5	115,7	73	155.400	55	4 x 2	13,76	31,20	2.178	1.833	4 x DN80
OSTRO W 80-4.2 D 2,1 V AC 06D	634,4	121,0	53	150.150	55	4 x 2	13,76	31,20	2.722	2.002	4 x DN80
OSTRO W 80-5.2 B 2,1 V AC 06D	654,6	124,9	25	201.550	55	5 x 2	17,20	39,00	2.042	2.063	4 x DN80
OSTRO W 80-5.2 C 2,1 V AC 06D	720,9	137,5	18	194.250	55	5 x 2	17,20	39,00	2.722	2.274	4 x DN80
OSTRO W 80-5.2 D 2,1 V AC 06D	755,5	144,1	13	187.700	55	5 x 2	17,20	39,00	3.403	2.486	4 x DN100
OSTRO W 80-6.2 B 2,1 V AC 06D	804,6	153,5	43	241.850	56	6 x 2	20,64	46,80	2.450	2.449	4 x DN100
OSTRO W 80-6.2 C 2,1 V AC 06D	885,5	168,9	31	233.050	56	6 x 2	20,64	46,80	3.267	2.703	4 x DN100
OSTRO W 80-6.2 D 2,1 V AC 06D	927,6	177,0	22	225.200	56	6 x 2	20,64	46,80	4.084	2.957	4 x DN100
OSTRO W 80-7.2 B 2,1 V AC 06D	954,1	182,1	68	282.150	57	7 x 2	24,08	54,60	2.859	2.861	4 x DN100
OSTRO W 80-7.2 C 2,1 V AC 06D	1049,2	200,1	48	271.900	57	7 x 2	24,08	54,60	3.811	3.157	4 x DN100
OSTRO W 80-7.2 D 2,1 V AC 06D	1098,4	209,5	35	262.750	57	7 x 2	24,08	54,60	4.764	3.453	4 x DN125
OSTRO W 80-8.2 B 2,1 V AC 06D	1103,4	210,6	100	322.450	57	8 x 2	27,52	62,40	3.267	3.235	4 x DN100
OSTRO W 80-8.2 C 2,1 V AC 06D	1212,5	231,3	71	310.750	57	8 x 2	27,52	62,40	4.356	3.573	4 x DN125
OSTRO W 80-8.2 D 2,1 V AC 06D	1268,3	241,9	52	300.300	57	8 x 2	27,52	62,40	5.445	3.912	4 x DN125

3 PH 8 poles	CAPACITY	FLUID FLOW	FLUID PRESSURE DROPS	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	POWER	CURRENT	SURFACE	WEIGHT	CONNECTION IN / OUT
	kW	m³/h	kPa	m³/h	dB(A)	Nr. x Ø mm	kW	A	m²	kg	
OSTRO W 80-2.2 A 2,1 V AC 08D	180,5	34,45	44	60700	45	2 x 2	3,08	8,88	545	793	2 x 2" 1/2
OSTRO W 80-2.2 B 2,1 V AC 08D	217,5	41,5	48	58.500	45	2 x 2	3,08	8,88	817	878	2 x 2" 1/2
OSTRO W 80-2.2 C 2,1 V AC 08D	234,1	44,7	34	56.450	45	2 x 2	3,08	8,88	1.089	963	2 x 2" 1/2
OSTRO W 80-2.2 D 2,1 V AC 08D	245,1	46,7	50	54.650	45	2 x 2	3,08	8,88	1.361	1.047	2 x 2" 1/2
OSTRO W 80-3.2 A 2,1 V AC 08D	271,3	51,78	46	91050	47	3 x 2	4,62	13,32	817	1150	2 x 3"
OSTRO W 80-3.2 B 2,1 V AC 08D	321,2	61,3	30	87.750	47	3 x 2	4,62	13,32	1.225	1.277	2 x 3"
OSTRO W 80-3.2 C 2,1 V AC 08D	350,9	66,9	33	84.700	47	3 x 2	4,62	13,32	1.634	1.404	2 x 3"
OSTRO W 80-3.2 D 2,1 V AC 08D	361,3	68,9	23	81.950	47	3 x 2	4,62	13,32	2.042	1.531	2 x 3"
OSTRO W 80-4.2 A 2,1 V AC 08D	338,6	64,62	13	121400	48	4 x 2	6,16	17,76	1089	1494	2 x 3"
OSTRO W 80-4.2 B 2,1 V AC 08D	440,0	83,9	69	117.000	48	4 x 2	6,16	17,76	1.634	1.664	2 x DN100
OSTRO W 80-4.2 C 2,1 V AC 08D	472,7	90,1	47	112.950	48	4 x 2	6,16	17,76	2.178	1.833	2 x DN100
OSTRO W 80-4.2 D 2,1 V AC 08D	486,3	92,7	33	109.300	48	4 x 2	6,16	17,76	2.722	2.002	2 x DN100
OSTRO W 80-5.2 A 2,1 V AC 08D	440,7	84,1	25	151700	48	5 x 2	7,70	22,20	1361	1851	2 x DN100
OSTRO W 80-5.2 B 2,1 V AC 08D	522,1	99,7	17	146.250	48	5 x 2	7,70	22,20	2.042	2.063	4 x 2" 1/2
OSTRO W 80-5.2 C 2,1 V AC 08D	561,9	107,2	11	141.150	48	5 x 2	7,70	22,20	2.722	2.274	4 x DN80
OSTRO W 80-5.2 D 2,1 V AC 08D	615,6	117,4	63	136.600	48	5 x 2	7,70	22,20	3.403	2.486	4 x DN80
OSTRO W 80-6.2 A 2,1 V AC 08D	542,2	103,49	44	182050	49	6 x 2	9,24	26,64	1634	2196	4 x DN80
OSTRO W 80-6.2 B 2,1 V AC 08D	641,9	122,5	29	175.500	49	6 x 2	9,24	26,64	2.450	2.449	4 x DN80
OSTRO W 80-6.2 C 2,1 V AC 08D	690,6	131,8	20	169.400	49	6 x 2	9,24	26,64	3.267	2.703	4 x DN100
OSTRO W 80-6.2 D 2,1 V AC 08D	711,4	135,7	14	163.900	49	6 x 2	9,24	26,64	4.084	2.957	4 x DN100
OSTRO W 80-7.2 A 2,1 V AC 08D	643,2	122,76	69	212400	50	7 x 2	10,78	31,08	1906	2565	4 x DN80
OSTRO W 80-7.2 B 2,1 V AC 08D	760,9	145,1	45	204.800	50	7 x 2	10,78	31,08	2.859	2.861	4 x DN80
OSTRO W 80-7.2 C 2,1 V AC 08D	818,1	156,1	31	197.650	50	7 x 2	10,78	31,08	3.811	3.157	4 x DN100
OSTRO W 80-7.2 D 2,1 V AC 08D	842,3	160,7	22	191.250	50	7 x 2	10,78	31,08	4.764	3.453	4 x DN100
OSTRO W 80-8.2 A 2,1 V AC 08D	744,2	142,02	102	242750	50	8 x 2	12,32	35,52	2178	2897	4 x DN80
OSTRO W 80-8.2 B 2,1 V AC 08D	879,5	167,7	67	234.050	50	8 x 2	12,32	35,52	3.267	3.235	4 x DN100
OSTRO W 80-8.2 C 2,1 V AC 08D	945,0	180,2	46	225.900	50	8 x 2	12,32	35,52	4.356	3.573	4 x DN100
OSTRO W 80-8.2 D 2,1 V AC 08D	972,2	185,4	33	218.550	50	8 x 2	12,32	35,52	5.445	3.912	4 x DN100

T<sub>ambient</sub> = 25°C - T<sub>fluid in/out</sub> = 40/35°C - ethylene glycol 35%

# OSTRO-L W 80



V-type double-row dry cooler

Ø 800 mm

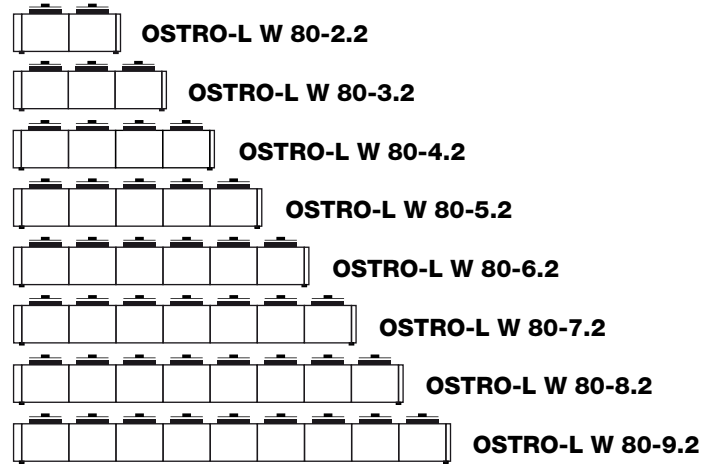
FAN SIZE

185,3 ÷ 1433,4 kW

DT 15K CAPACITY

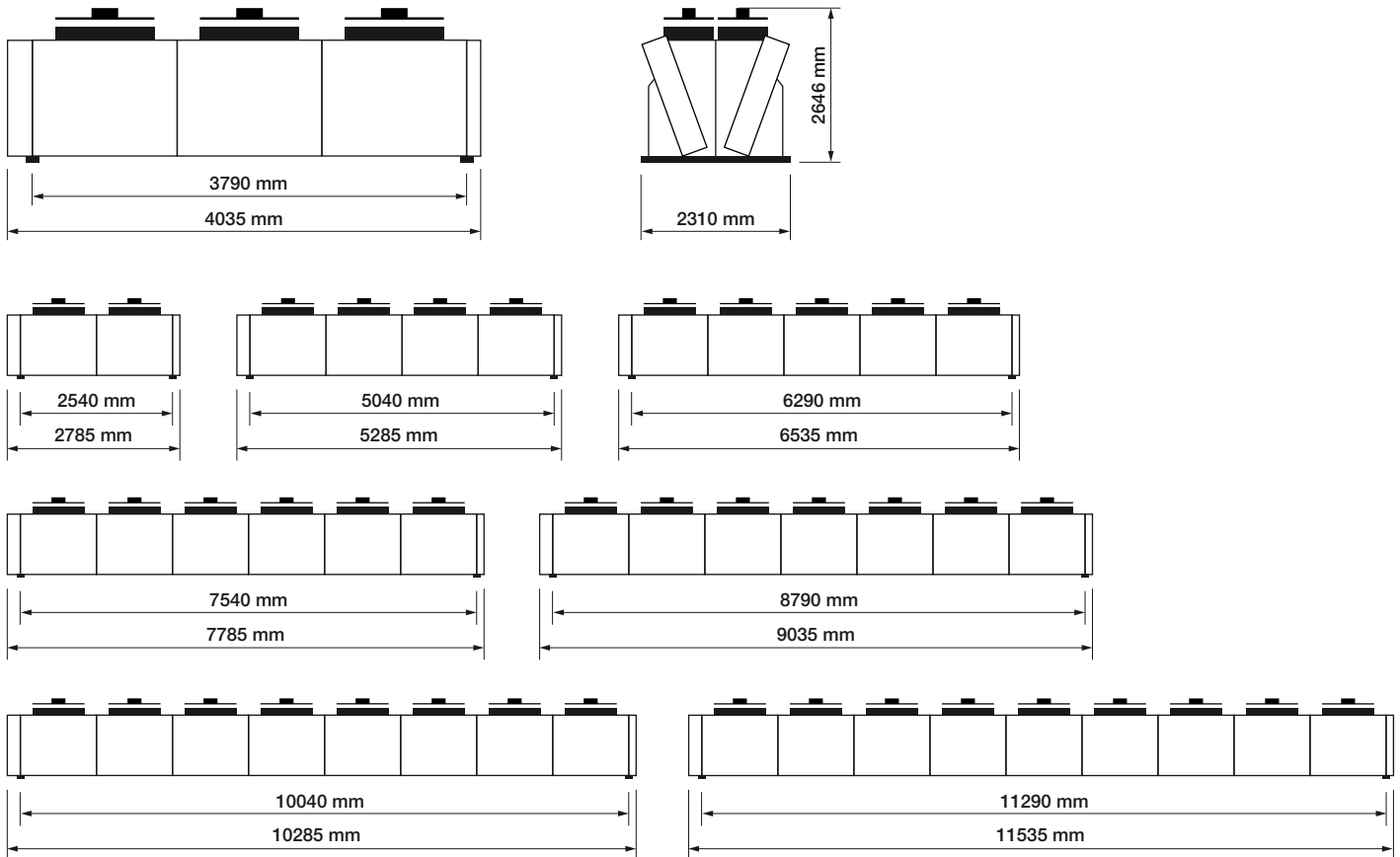
4 ÷ 18

NUMBER OF FANS



## DIMENSIONS

OSTRO-L W 80-2.2/3.2/4.2/5.2/6.2/7.2/8.2/9.2



# OSTRO-L W 80



V-type double-row dry cooler

3 PH 6 poles	CAPACITY	FLUID FLOW	FLUID PRESSURE DROPS	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	POWER	CURRENT	SURFACE	WEIGHT	CONNESSIONI IN / OUT
	kW	m³/h	kPa	m³/h	dB(A)	Nr. x Ø mm	kW	A	m²	kg	
OSTRO-L W 80-2.2 B 2,1 V AC 06D	274,8	52,4	74	80.850	52	2 x 2	6,88	15,60	828	910	2 x 2" 1/2
OSTRO-L W 80-2.2 C 2,1 V AC 06D	302,0	57,6	53	77.900	52	2 x 2	6,88	15,60	1.104	996	2 x 3"
OSTRO-L W 80-2.2 D 2,1 V AC 06D	316,0	60,3	39	75.350	52	2 x 2	6,88	15,60	1.380	1.081	2 x 3"
OSTRO-L W 80-3.2 B 2,1 V AC 06D	411,8	78,6	70	121.250	53	3 x 2	10,32	23,40	1.242	1.319	2 x DN100
OSTRO-L W 80-3.2 C 2,1 V AC 06D	452,6	86,3	51	116.850	53	3 x 2	10,32	23,40	1.656	1.448	2 x DN100
OSTRO-L W 80-3.2 D 2,1 V AC 06D	473,6	90,4	37	113.000	53	3 x 2	10,32	23,40	2.070	1.576	4 x 2" 1/2
OSTRO-L W 80-4.2 B 2,1 V AC 06D	549,2	104,8	70	161.650	55	4 x 2	13,76	31,20	1.656	1.716	4 x 2" 1/2
OSTRO-L W 80-4.2 C 2,1 V AC 06D	603,5	115,1	50	155.800	55	4 x 2	13,76	31,20	2.208	1.887	4 x DN80
OSTRO-L W 80-4.2 D 2,1 V AC 06D	631,6	120,5	37	150.650	55	4 x 2	13,76	31,20	2.760	2.059	4 x DN80
OSTRO-L W 80-5.2 B 2,1 V AC 06D	645,1	123,1	17	202.050	55	5 x 2	17,20	39,00	2.070	2.125	4 x DN80
OSTRO-L W 80-5.2 C 2,1 V AC 06D	767,5	146,4	95	194.750	55	5 x 2	17,20	39,00	2.760	2.339	4 x DN80
OSTRO-L W 80-5.2 D 2,1 V AC 06D	802,3	153,0	69	188.300	55	5 x 2	17,20	39,00	3.450	2.554	4 x DN100
OSTRO-L W 80-6.2 B 2,1 V AC 06D	796,6	152,0	29	242.500	56	6 x 2	20,64	46,80	2.484	2.522	4 x DN100
OSTRO-L W 80-6.2 C 2,1 V AC 06D	876,5	167,2	21	233.700	56	6 x 2	20,64	46,80	3.312	2.779	4 x DN100
OSTRO-L W 80-6.2 D 2,1 V AC 06D	918,5	175,2	15	226.000	56	6 x 2	20,64	46,80	4.139	3.036	4 x DN100
OSTRO-L W 80-7.2 B 2,1 V AC 06D	947,4	180,8	46	282.900	57	7 x 2	24,08	54,60	2.898	2.944	4 x DN100
OSTRO-L W 80-7.2 C 2,1 V AC 06D	1041,8	198,7	33	272.650	57	7 x 2	24,08	54,60	3.864	3.244	4 x DN100
OSTRO-L W 80-7.2 D 2,1 V AC 06D	1091,1	208,2	24	263.650	57	7 x 2	24,08	54,60	4.829	3.544	4 x DN125
OSTRO-L W 80-8.2 B 2,1 V AC 06D	1097,7	209,5	68	323.300	57	8 x 2	27,52	62,40	3.312	3.328	4 x DN100
OSTRO-L W 80-8.2 C 2,1 V AC 06D	1206,3	230,1	48	311.600	57	8 x 2	27,52	62,40	4.415	3.671	4 x DN125
OSTRO-L W 80-8.2 D 2,1 V AC 06D	1262,6	240,9	35	301.300	57	8 x 2	27,52	62,40	5.519	4.014	4 x DN125
OSTRO-L W 80-9.2 B 2,1 V AC 06D	1248,0	238,2	96	363.750	57	9 x 2	30,96	70,20	3.726	3.724	4 x DN100
OSTRO-L W 80-9.2 C 2,1 V AC 06D	1370,4	261,4	68	350.600	57	9 x 2	30,96	70,20	4.967	4.110	4 x DN125
OSTRO-L W 80-9.2 D 2,1 V AC 06D	1433,4	273,4	50	339.000	57	9 x 2	30,96	70,20	6.209	4.496	4 x DN125

3 PH 8 poles	CAPACITY	FLUID FLOW	FLUID PRESSURE DROPS	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	POWER	CURRENT	SURFACE	WEIGHT	CONNESSIONI IN / OUT
	kW	m³/h	kPa	m³/h	dB(A)	Nr. x Ø mm	kW	A	m²	kg	
OSTRO-L W 80-2.2 A 2,1 V AC 08D	185,3	35,37	76	60850	45	2 x 2	3,08	8,88	552	824	2 x 2" 1/2
OSTRO-L W 80-2.2 B 2,1 V AC 08D	218,9	41,8	50	58.650	45	2 x 2	3,08	8,88	828	910	2 x 2" 1/2
OSTRO-L W 80-2.2 C 2,1 V AC 08D	235,4	44,9	34	56.700	45	2 x 2	3,08	8,88	1104	996	2 x 2" 1/2
OSTRO-L W 80-2.2 D 2,1 V AC 08D	246,3	47,0	50	54.850	45	2 x 2	3,08	8,88	1380	1.081	2 x 2" 1/2
OSTRO-L W 80-3.2 A 2,1 V AC 08D	268,6	51,25	31	91250	46	3 x 2	4,62	13,32	828	1190	2 x 3"
OSTRO-L W 80-3.2 B 2,1 V AC 08D	328,1	62,6	47	87.950	46	3 x 2	4,62	13,32	1242	1.319	2 x 3"
OSTRO-L W 80-3.2 C 2,1 V AC 08D	352,9	67,3	33	85.000	46	3 x 2	4,62	13,32	1656	1.448	2 x 3"
OSTRO-L W 80-3.2 D 2,1 V AC 08D	369,7	70,5	49	82.300	46	3 x 2	4,62	13,32	2070	1.576	2 x 3"
OSTRO-L W 80-4.2 A 2,1 V AC 08D	370,4	70,68	72	121650	48	4 x 2	6,16	17,76	1104	1544	2 x 3"
OSTRO-L W 80-4.2 B 2,1 V AC 08D	437,6	83,5	47	117.300	48	4 x 2	6,16	17,76	1656	1.716	2 x DN100
OSTRO-L W 80-4.2 C 2,1 V AC 08D	470,6	89,8	32	113.350	48	4 x 2	6,16	17,76	2208	1.887	2 x DN100
OSTRO-L W 80-4.2 D 2,1 V AC 08D	492,7	94,0	48	109.700	48	4 x 2	6,16	17,76	2760	2.059	2 x DN100
OSTRO-L W 80-5.2 A 2,1 V AC 08D	434,1	82,85	17	152050	48	5 x 2	7,70	22,20	1380	1911	2 x DN100
OSTRO-L W 80-5.2 B 2,1 V AC 08D	556,9	106,2	89	146.600	48	5 x 2	7,70	22,20	2070	2.125	4 x 2" 1/2
OSTRO-L W 80-5.2 C 2,1 V AC 08D	598,0	114,1	61	141.700	48	5 x 2	7,70	22,20	2760	2.339	4 x DN80
OSTRO-L W 80-5.2 D 2,1 V AC 08D	614,7	117,2	43	137.150	48	5 x 2	7,70	22,20	3450	2.554	4 x DN80
OSTRO-L W 80-6.2 A 2,1 V AC 08D	536,6	102,4	30	182500	49	6 x 2	9,24	26,64	1656	2264	4 x DN80
OSTRO-L W 80-6.2 B 2,1 V AC 08D	635,0	121,2	19	175.950	49	6 x 2	9,24	26,64	2484	2.522	4 x DN80
OSTRO-L W 80-6.2 C 2,1 V AC 08D	683,6	130,4	13	170.050	49	6 x 2	9,24	26,64	3312	2.779	4 x DN100
OSTRO-L W 80-6.2 D 2,1 V AC 08D	744,5	142,0	72	164.550	49	6 x 2	9,24	26,64	4139	3.036	4 x DN100
OSTRO-L W 80-7.2 A 2,1 V AC 08D	638,6	121,89	47	212900	50	7 x 2	10,78	31,08	1932	2644	4 x DN80
OSTRO-L W 80-7.2 B 2,1 V AC 08D	755,1	144,1	31	205.250	50	7 x 2	10,78	31,08	2898	2.944	4 x DN80
OSTRO-L W 80-7.2 C 2,1 V AC 08D	812,6	155,0	21	198.400	50	7 x 2	10,78	31,08	3864	3.244	4 x DN100
OSTRO-L W 80-7.2 D 2,1 V AC 08D	836,7	159,6	15	192.000	50	7 x 2	10,78	31,08	4829	3.544	4 x DN100
OSTRO-L W 80-8.2 A 2,1 V AC 08D	740,3	141,28	70	243300	50	8 x 2	12,32	35,52	2208	2985	4 x DN80
OSTRO-L W 80-8.2 B 2,1 V AC 08D	874,7	166,8	46	234.600	50	8 x 2	12,32	35,52	3312	3.328	4 x DN100
OSTRO-L W 80-8.2 C 2,1 V AC 08D	940,8	179,5	31	226.700	50	8 x 2	12,32	35,52	4415	3.671	4 x DN100
OSTRO-L W 80-8.2 D 2,1 V AC 08D	968,2	184,7	22	219.400	50	8 x 2	12,32	35,52	5519	4.014	4 x DN100
OSTRO-L W 80-9.2 A 2,1 V AC 08D	841,9	160,66	98	273750	50	9 x 2	13,86	39,96	2484	3339	4 x DN80
OSTRO-L W 80-9.2 B 2,1 V AC 08D	994,1	189,7	64	263.900	50	9 x 2	13,86	39,96	3726	3.724	4 x DN100
OSTRO-L W 80-9.2 C 2,1 V AC 08D	1068,3	203,7	44	255.050	50	9 x 2	13,86	39,96	4967	4.110	4 x DN100
OSTRO-L W 80-9.2 D 2,1 V AC 08D	1098,8	209,5	31	246.850	50	9 x 2	13,86	39,96	6209	4.496	4 x DN100

T<sub>ambient</sub> = 25°C - T<sub>fluid in/out</sub> = 40/35°C - ethylene glycol 35%

# OSTRO W 90



V-type double-row dry cooler

Ø 900 mm

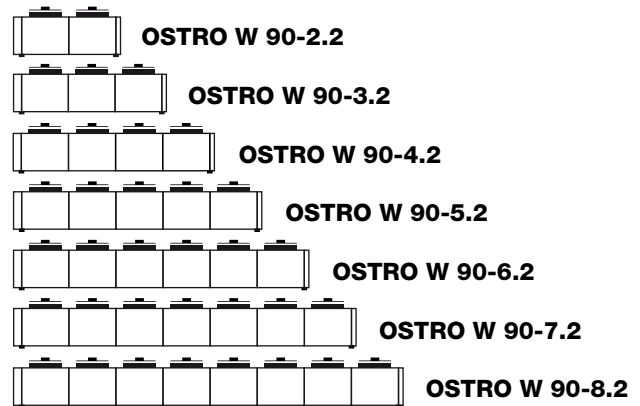
FAN SIZE

152,8 ÷ 1795,8 kW

DT 15K CAPACITY

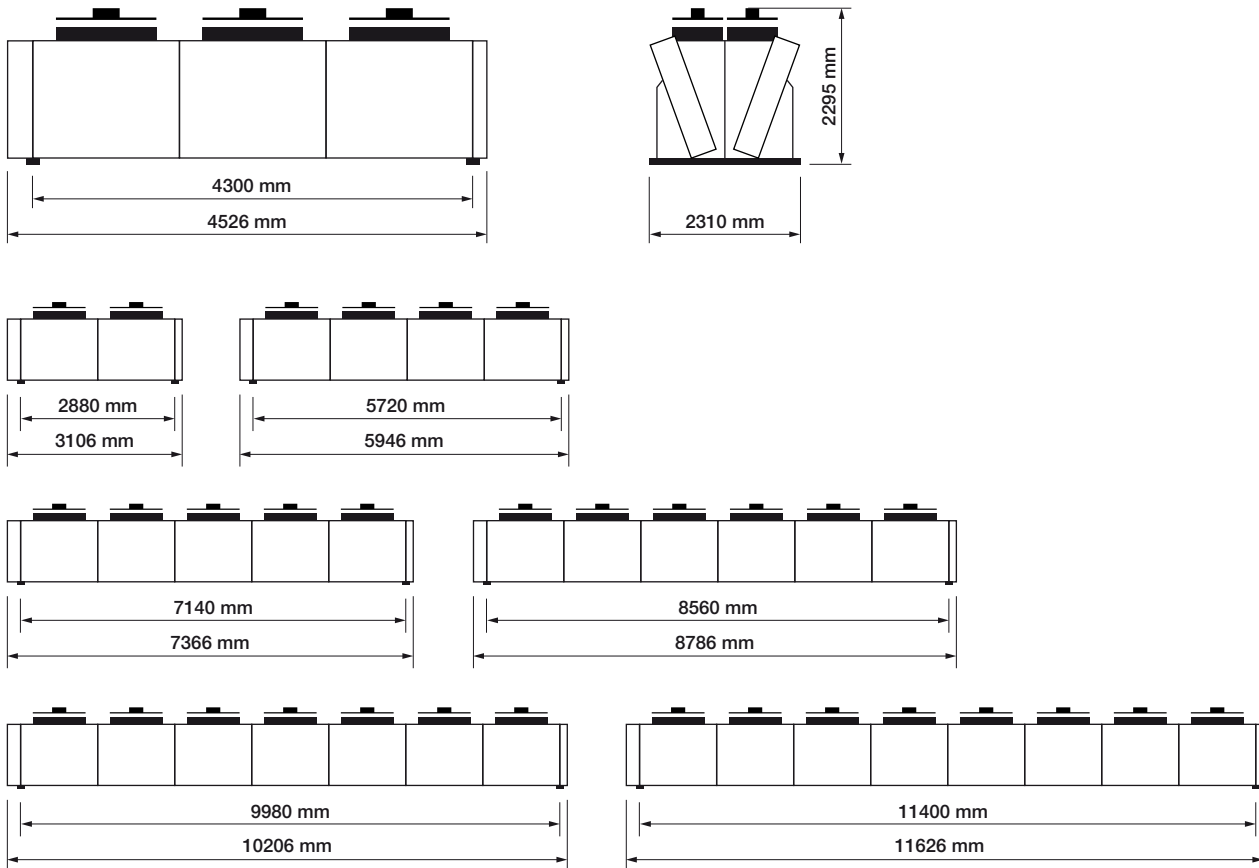
4 ÷ 16

NUMBER OF FANS



## DIMENSIONS

OSTRO W 90-2.2/3.2/4.2/5.2/6.2/7.2/8.2



# OSTRO W 90



V-type double-row dry cooler

3 PH 4 poles	CAPACITY	FLUID FLOW	FLUID PRESSURE DROPS	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	POWER	CURRENT	SURFACE	WEIGHT	CONNESSIONI IN / OUT
	kW	m³/h	kPa	m³/h	dB(A)	Nr. x Ø mm	kW	A	m²	kg	
OSTRO W 90-2.2 B 2,1 V AC 04D	360,0	68,7	74	128.000	66	2 x 2	18,40	31,20	817	878	2 x 2" 1/2
OSTRO W 90-2.2 C 2,1 V AC 04D	408,3	77,9	56	122.600	66	2 x 2	18,40	31,20	1.089	963	2 x 3"
OSTRO W 90-2.2 D 2,1 V AC 04D	437,3	83,4	43	117.650	66	2 x 2	18,40	31,20	1.361	1.047	2 x 3"
OSTRO W 90-3.2 B 2,1 V AC 04D	540,6	103,2	75	192.000	68	3 x 2	27,60	46,80	1.225	1.277	2 x DN100
OSTRO W 90-3.2 C 2,1 V AC 04D	612,9	117,0	56	183.850	68	3 x 2	27,60	46,80	1.634	1.404	2 x DN100
OSTRO W 90-3.2 D 2,1 V AC 04D	656,2	125,2	43	176.500	68	3 x 2	27,60	46,80	2.042	1.531	4 x 2" 1/2
OSTRO W 90-4.2 B 2,1 V AC 04D	676,5	129,1	21	256.050	69	4 x 2	36,80	62,40	1.634	1.664	4 x 2" 1/2
OSTRO W 90-4.2 C 2,1 V AC 04D	767,7	146,5	16	245.150	69	4 x 2	36,80	62,40	2.178	1.833	4 x DN80
OSTRO W 90-4.2 D 2,1 V AC 04D	822,9	157,0	12	235.300	69	4 x 2	36,80	62,40	2.722	2.002	4 x DN80
OSTRO W 90-5.2 B 2,1 V AC 04D	878,8	167,7	42	320.050	69	5 x 2	46,00	78,00	2.042	2.063	4 x DN80
OSTRO W 90-5.2 C 2,1 V AC 04D	997,0	190,3	32	306.450	69	5 x 2	46,00	78,00	2.722	2.274	4 x DN80
OSTRO W 90-5.2 D 2,1 V AC 04D	1068,4	203,9	24	294.150	69	5 x 2	46,00	78,00	3.403	2.486	4 x DN100
OSTRO W 90-6.2 B 2,1 V AC 04D	1080,3	206,2	72	384.050	70	6 x 2	55,20	93,60	2.450	2.449	4 x DN100
OSTRO W 90-6.2 C 2,1 V AC 04D	1224,8	233,7	54	367.750	70	6 x 2	55,20	93,60	3.267	2.703	4 x DN100
OSTRO W 90-6.2 D 2,1 V AC 04D	1311,6	250,2	41	352.950	70	6 x 2	55,20	93,60	4.084	2.957	4 x DN100
OSTRO W 90-7.2 B 2,1 V AC 04D	1281,8	244,7	114	448.050	71	7 x 2	64,40	109,20	2.859	2.861	4 x DN100
OSTRO W 90-7.2 C 2,1 V AC 04D	1452,1	277,1	86	429.050	71	7 x 2	64,40	109,20	3.811	3.157	4 x DN100
OSTRO W 90-7.2 D 2,1 V AC 04D	1553,9	296,5	65	411.800	71	7 x 2	64,40	109,20	4.764	3.453	4 x DN125
OSTRO W 90-8.2 B 2,1 V AC 04D	1483,1	283,1	169	512.050	71	8 x 2	73,60	124,80	3.267	3.235	4 x DN100
OSTRO W 90-8.2 C 2,1 V AC 04D	1679,3	320,5	126	490.350	71	8 x 2	73,60	124,80	4.356	3.573	4 x DN125
OSTRO W 90-8.2 D 2,1 V AC 04D	1795,8	342,6	96	470.600	71	8 x 2	73,60	124,80	5.445	3.912	4 x DN125

3 PH 6 poles	CAPACITY	FLUID FLOW	FLUID PRESSURE DROPS	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	POWER	CURRENT	SURFACE	WEIGHT	CONNESSIONI IN / OUT
	kW	m³/h	kPa	m³/h	dB(A)	Nr. x Ø mm	kW	A	m²	kg	
OSTRO W 90-2.2 B 2,1 V AC 06D	314,2	60,0	58	102.650	58	2 x 2	9,04	20,60	817	878	2 x 2" 1/2
OSTRO W 90-2.2 C 2,1 V AC 06D	349,0	66,6	43	97.700	58	2 x 2	9,04	20,60	1.089	963	2 x 3"
OSTRO W 90-2.2 D 2,1 V AC 06D	373,0	71,1	52	93.200	58	2 x 2	9,04	20,60	1.361	1.047	2 x 3"
OSTRO W 90-3.2 B 2,1 V AC 06D	471,8	90,1	59	154.000	60	3 x 2	13,56	30,90	1.225	1.277	2 x DN100
OSTRO W 90-3.2 C 2,1 V AC 06D	523,9	100,0	43	146.550	60	3 x 2	13,56	30,90	1.634	1.404	2 x DN100
OSTRO W 90-3.2 D 2,1 V AC 06D	550,8	105,0	31	139.800	60	3 x 2	13,56	30,90	2.042	1.531	4 x 2" 1/2
OSTRO W 90-4.2 B 2,1 V AC 06D	590,3	112,7	17	205.350	61	4 x 2	18,08	41,20	1.634	1.664	4 x 2" 1/2
OSTRO W 90-4.2 C 2,1 V AC 06D	656,0	125,2	12	195.400	61	4 x 2	18,08	41,20	2.178	1.833	4 x DN80
OSTRO W 90-4.2 D 2,1 V AC 06D	753,3	143,7	72	186.400	61	4 x 2	18,08	41,20	2.722	2.002	4 x DN80
OSTRO W 90-5.2 B 2,1 V AC 06D	767,1	146,4	33	256.650	61	5 x 2	22,60	51,50	2.042	2.063	4 x DN80
OSTRO W 90-5.2 C 2,1 V AC 06D	852,4	162,7	24	244.200	61	5 x 2	22,60	51,50	2.722	2.274	4 x DN80
OSTRO W 90-5.2 D 2,1 V AC 06D	896,7	171,0	18	233.000	61	5 x 2	22,60	51,50	3.403	2.486	4 x DN100
OSTRO W 90-6.2 B 2,1 V AC 06D	943,0	180,0	57	308.000	62	6 x 2	27,12	61,80	2.450	2.449	4 x DN100
OSTRO W 90-6.2 C 2,1 V AC 06D	1047,1	199,8	41	293.050	62	6 x 2	27,12	61,80	3.267	2.703	4 x DN100
OSTRO W 90-6.2 D 2,1 V AC 06D	1100,8	209,9	30	279.600	62	6 x 2	27,12	61,80	4.084	2.957	4 x DN100
OSTRO W 90-7.2 B 2,1 V AC 06D	1118,4	213,4	90	359.300	63	7 x 2	31,64	72,10	2.859	2.861	4 x DN100
OSTRO W 90-7.2 C 2,1 V AC 06D	1241,0	236,8	65	341.900	63	7 x 2	31,64	72,10	3.811	3.157	4 x DN100
OSTRO W 90-7.2 D 2,1 V AC 06D	1303,7	248,6	48	326.200	63	7 x 2	31,64	72,10	4.764	3.453	4 x DN125
OSTRO W 90-8.2 B 2,1 V AC 06D	1293,8	246,9	133	410.650	63	8 x 2	36,16	82,40	3.267	3.235	4 x DN100
OSTRO W 90-8.2 C 2,1 V AC 06D	1434,6	273,8	96	390.750	63	8 x 2	36,16	82,40	4.356	3.573	4 x DN125
OSTRO W 90-8.2 D 2,1 V AC 06D	1506,0	287,2	70	372.800	63	8 x 2	36,16	82,40	5.445	3.912	4 x DN125

T<sub>ambient</sub> = 25°C - T<sub>fluid in/out</sub> = 40/35°C - ethylene glycol 35%

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# OSTRO W 90



V-type double-row dry cooler

3 PH 8 poles	CAPACITY	FLUID FLOW	FLUID PRESSURE DROPS	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	POWER	CURRENT	SURFACE	WEIGHT	CONNECTION IN / OUT
	kW	m³/h	kPa	m³/h	dB(A)	Nr. x Ø mm	kW	A	m²	kg	
OSTRO W 90-2.2 A 2,1 V AC 08D	200,9	38,33	53	72100	47	2 x 2	3,32	9,08	545	793	2 x 2" 1/2
OSTRO W 90-2.2 B 2,1 V AC 08D	239,7	45,8	36	68.550	47	2 x 2	3,32	9,08	817	878	2 x 2" 1/2
OSTRO W 90-2.2 C 2,1 V AC 08D	263,0	50,2	42	65.400	47	2 x 2	3,32	9,08	1.089	963	2 x 2" 1/2
OSTRO W 90-2.2 D 2,1 V AC 08D	270,3	51,6	29	62.550	47	2 x 2	3,32	9,08	1.361	1.047	2 x 2" 1/2
OSTRO W 90-3.2 A 2,1 V AC 08D	301,9	57,61	55	108200	49	3 x 2	4,98	13,62	817	1150	2 x 3"
OSTRO W 90-3.2 B 2,1 V AC 08D	359,9	68,7	37	102.800	49	3 x 2	4,98	13,62	1.225	1.277	2 x 3"
OSTRO W 90-3.2 C 2,1 V AC 08D	388,1	74,0	25	98.050	49	3 x 2	4,98	13,62	1.634	1.404	2 x 3"
OSTRO W 90-3.2 D 2,1 V AC 08D	405,3	77,3	28	93.850	49	3 x 2	4,98	13,62	2.042	1.531	2 x 3"
OSTRO W 90-4.2 A 2,1 V AC 08D	377,1	71,98	15	144250	50	4 x 2	6,64	18,16	1089	1494	2 x 3"
OSTRO W 90-4.2 B 2,1 V AC 08D	492,1	35,0	83	137.100	50	4 x 2	6,64	18,16	1.634	1.664	2 x DN100
OSTRO W 90-4.2 C 2,1 V AC 08D	531,1	101,3	58	130.750	50	4 x 2	6,64	18,16	2.178	1.833	2 x DN100
OSTRO W 90-4.2 D 2,1 V AC 08D	545,7	104,1	41	125.100	50	4 x 2	6,64	18,16	2.722	2.002	2 x DN100
OSTRO W 90-5.2 A 2,1 V AC 08D	490,6	93,62	31	180300	50	5 x 2	8,30	22,70	1361	1851	2 x DN100
OSTRO W 90-5.2 B 2,1 V AC 08D	585,1	111,7	20	171.350	50	5 x 2	8,30	22,70	2.042	2.063	4 x 2" 1/2
OSTRO W 90-5.2 C 2,1 V AC 08D	631,4	120,4	14	163.450	50	5 x 2	8,30	22,70	2.722	2.274	4 x DN80
OSTRO W 90-5.2 D 2,1 V AC 08D	691,1	131,8	77	156.400	50	5 x 2	8,30	22,70	3.403	2.486	4 x DN80
OSTRO W 90-6.2 A 2,1 V AC 08D	603,4	115,13	53	216400	51	6 x 2	9,96	27,24	1634	2196	4 x DN80
OSTRO W 90-6.2 B 2,1 V AC 08D	719,3	137,3	35	205.600	51	6 x 2	9,96	27,24	2.450	2.449	4 x DN80
OSTRO W 90-6.2 C 2,1 V AC 08D	775,7	147,9	24	196.100	51	6 x 2	9,96	27,24	3.267	2.703	4 x DN100
OSTRO W 90-6.2 D 2,1 V AC 08D	798,2	152,3	17	187.700	51	6 x 2	9,96	27,24	4.084	2.957	4 x DN100
OSTRO W 90-7.2 A 2,1 V AC 08D	716	136,67	84	252450	52	7 x 2	11,62	31,78	1906	2565	4 x DN80
OSTRO W 90-7.2 B 2,1 V AC 08D	852,7	162,7	56	239.900	52	7 x 2	11,62	31,78	2.859	2.861	4 x DN80
OSTRO W 90-7.2 C 2,1 V AC 08D	919,0	175,3	38	228.800	52	7 x 2	11,62	31,78	3.811	3.157	4 x DN100
OSTRO W 90-7.2 D 2,1 V AC 08D	945,0	180,3	27	218.950	52	7 x 2	11,62	31,78	4.764	3.453	4 x DN100
OSTRO W 90-8.2 A 2,1 V AC 08D	828,5	158,12	123	288500	52	8 x 2	13,28	36,32	2178	2897	4 x DN80
OSTRO W 90-8.2 B 2,1 V AC 08D	986,0	188,1	82	274.150	52	8 x 2	13,28	36,32	3.267	3.235	4 x DN100
OSTRO W 90-8.2 C 2,1 V AC 08D	1061,8	202,5	56	261.500	52	8 x 2	13,28	36,32	4.356	3.573	4 x DN100
OSTRO W 90-8.2 D 2,1 V AC 08D	1090,9	208,1	40	250.250	52	8 x 2	13,28	36,32	5.445	3.912	4 x DN100

3 PH 12 poles	CAPACITY	FLUID FLOW	FLUID PRESSURE DROPS	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	POWER	CURRENT	SURFACE	WEIGHT	CONNECTION IN / OUT
	kW	m³/h	kPa	m³/h	dB(A)	Nr. x Ø mm	kW	A	m²	kg	
OSTRO W 90-2.2 A 2,1 V AC 12D	152,8	29,2	53	45.800	36	2 x 2	1,12	3,32	545	793	2 x 2"
OSTRO W 90-2.2 B 2,1 V AC 12D	173,4	33,1	32	43.400	36	2 x 2	1,12	3,32	817	878	2 x 2"
OSTRO W 90-2.2 C 2,1 V AC 12D	183,4	35,0	45	41.200	36	2 x 2	1,12	3,32	1.089	963	2 x 2"
OSTRO W 90-3.2 A 2,1 V AC 12D	225,5	43,0	33	68.700	38	3 x 2	1,68	4,98	817	1.150	2 x 2" 1/2
OSTRO W 90-3.2 B 2,1 V AC 12D	260,1	49,6	32	65.100	38	3 x 2	1,68	4,98	1.225	1.277	2 x 2" 1/2
OSTRO W 90-3.2 C 2,1 V AC 12D	270,1	51,5	21	61.850	38	3 x 2	1,68	4,98	1.634	1.404	2 x 2" 1/2
OSTRO W 90-4.2 A 2,1 V AC 12D	309,4	59,0	76	91.600	39	4 x 2	2,24	6,64	1.089	1.494	2 x 3"
OSTRO W 90-4.2 B 2,1 V AC 12D	350,7	66,9	46	86.800	39	4 x 2	2,24	6,64	1.634	1.664	2 x 3"
OSTRO W 90-4.2 C 2,1 V AC 12D	363,7	69,4	30	82.450	39	4 x 2	2,24	6,64	2.178	1.833	2 x 3"
OSTRO W 90-5.2 A 2,1 V AC 12D	366,3	69,9	18	114.550	39	5 x 2	2,80	8,30	1.361	1.851	2 x 3"
OSTRO W 90-5.2 B 2,1 V AC 12D	415,9	79,3	11	108.500	39	5 x 2	2,80	8,30	2.042	2.063	2 x 3"
OSTRO W 90-5.2 C 2,1 V AC 12D	460,7	87,9	56	103.050	39	5 x 2	2,80	8,30	2.722	2.274	2 x 3"
OSTRO W 90-6.2 A 2,1 V AC 12D	450,7	86,0	32	137.450	40	6 x 2	3,36	9,96	1.634	2.196	2 x DN100
OSTRO W 90-6.2 B 2,1 V AC 12D	511,7	97,6	19	130.200	40	6 x 2	3,36	9,96	2.450	2.449	2 x DN100
OSTRO W 90-6.2 C 2,1 V AC 12D	531,5	101,4	12	123.650	40	6 x 2	3,36	9,96	3.267	2.703	2 x DN100
OSTRO W 90-7.2 A 2,1 V AC 12D	534,6	102,0	50	160.350	41	7 x 2	3,92	11,62	1.906	2.565	4 x 2" 1/2
OSTRO W 90-7.2 B 2,1 V AC 12D	606,6	115,7	31	151.900	41	7 x 2	3,92	11,62	2.859	2.861	4 x 2" 1/2
OSTRO W 90-7.2 C 2,1 V AC 12D	629,7	120,1	20	144.250	41	7 x 2	3,92	11,62	3.811	3.157	4 x 2" 1/2
OSTRO W 90-8.2 A 2,1 V AC 12D	618,4	118,0	74	183.250	41	8 x 2	4,48	13,28	2.178	2.897	4 x DN80
OSTRO W 90-8.2 B 2,1 V AC 12D	701,1	133,7	45	173.600	41	8 x 2	4,48	13,28	3.267	3.235	4 x DN80
OSTRO W 90-8.2 C 2,1 V AC 12D	727,2	138,7	29	164.900	41	8 x 2	4,48	13,28	4.356	3.573	4 x DN80

T<sub>ambient</sub> = 25°C - T<sub>fluid in/out</sub> = 40/35°C - ethylene glycol 35%

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# OSTRO-L W 90



V-type double-row dry cooler

Ø 900 mm

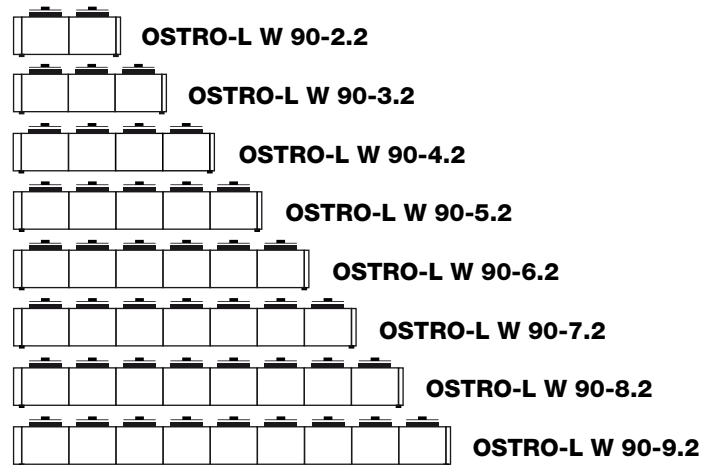
FAN SIZE

153,7 ÷ 2033,1 kW

DT 15K CAPACITY

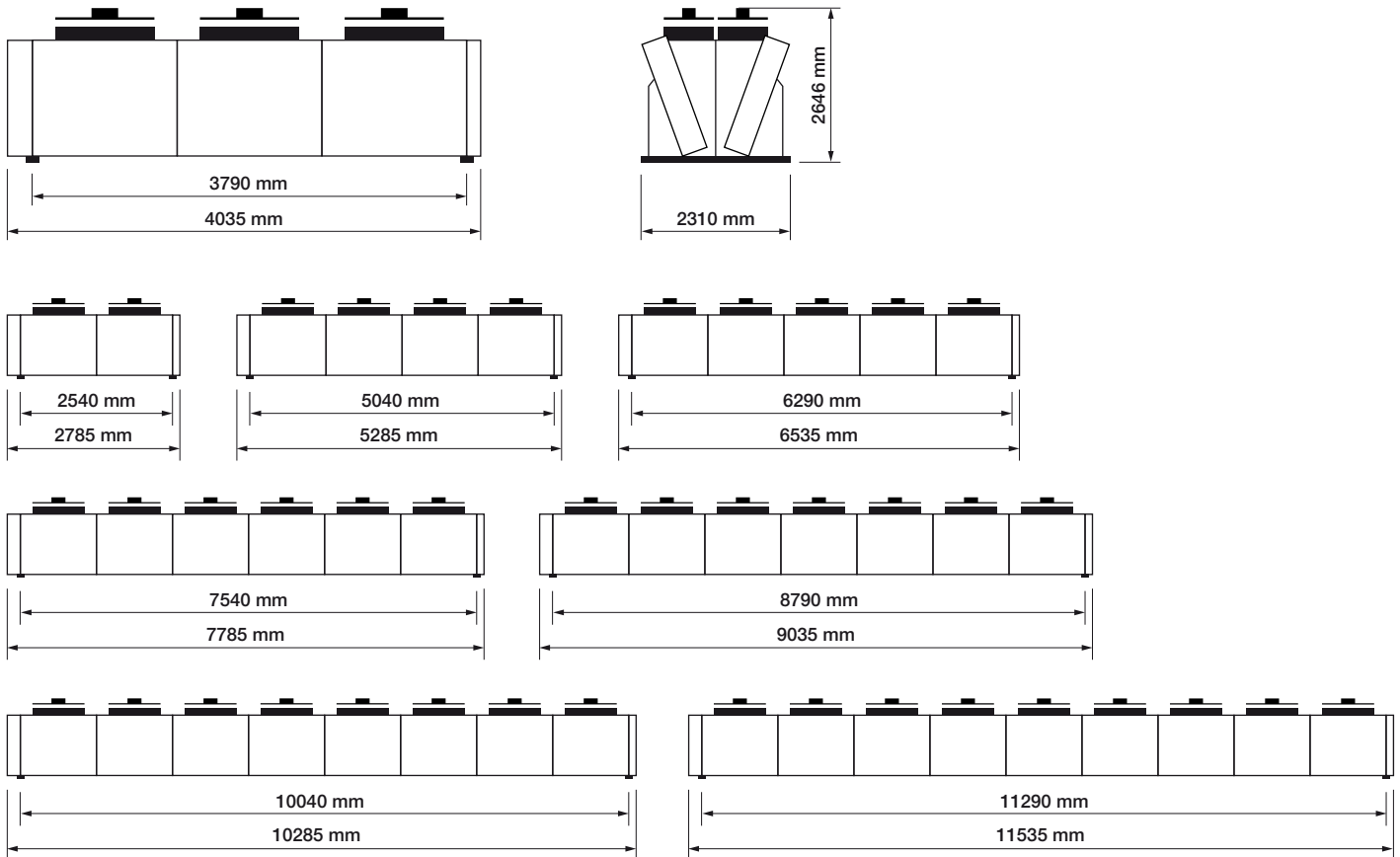
4 ÷ 18

NUMBER OF FANS



## DIMENSIONS

OSTRO-L W 90-2.2/3.2/4.2/5.2/6.2/7.2/8.2/9.2



# OSTRO-L W 90



V-type double-row dry cooler

3 PH 4 poles	CAPACITY	FLUID FLOW	FLUID PRESSURE DROPS	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	POWER	CURRENT	SURFACE	WEIGHT	CONNESSIONI IN / OUT
	kW	m³/h	kPa	m³/h	dB(A)	Nr. x Ø mm	kW	A	m²	kg	
OSTRO-L W 90-2.2 B 2,1 V AC 04D	349,7	66,74	34	128.400	66	2 x 2	18,40	31,20	828	910	2 x 2" 1/2
OSTRO-L W 90-2.2 C 2,1 V AC 04D	418,6	79,88	94	123.050	66	2 x 2	18,40	31,20	1.104	996	2 x 3"
OSTRO-L W 90-2.2 D 2,1 V AC 04D	448,0	85,46	72	118.200	66	2 x 2	18,40	31,20	1.380	1.081	2 x 3"
OSTRO-L W 90-3.2 B 2,1 V AC 04D	535,9	102,26	51	192.650	67	3 x 2	27,60	46,80	1.242	1.319	2 x DN100
OSTRO-L W 90-3.2 C 2,1 V AC 04D	607,6	115,95	38	184.550	67	3 x 2	27,60	46,80	1.656	1.448	2 x DN100
OSTRO-L W 90-3.2 D 2,1 V AC 04D	671,3	128,07	68	177.300	67	3 x 2	27,60	46,80	2.070	1.576	4 x 2" 1/2
OSTRO-L W 90-4.2 B 2,1 V AC 04D	662,4	126,40	14	256.850	69	4 x 2	36,80	62,40	1.656	1.716	4 x 2" 1/2
OSTRO-L W 90-4.2 C 2,1 V AC 04D	836,5	159,62	89	246.100	69	4 x 2	36,80	62,40	2.208	1.887	4 x DN80
OSTRO-L W 90-4.2 D 2,1 V AC 04D	895,2	170,78	68	236.450	69	4 x 2	36,80	62,40	2.760	2.059	4 x DN80
OSTRO-L W 90-5.2 B 2,1 V AC 04D	867,3	165,52	28	321.050	69	5 x 2	46,00	78,00	2.070	2.125	4 x DN80
OSTRO-L W 90-5.2 C 2,1 V AC 04D	983,9	187,81	21	307.600	69	5 x 2	46,00	78,00	2.760	2.339	4 x DN80
OSTRO-L W 90-5.2 D 2,1 V AC 04D	1054,8	201,34	16	295.550	69	5 x 2	46,00	78,00	3.450	2.554	4 x DN100
OSTRO-L W 90-6.2 B 2,1 V AC 04D	1070,7	204,31	49	385.250	70	6 x 2	55,20	93,60	2.484	2.522	4 x DN100
OSTRO-L W 90-6.2 C 2,1 V AC 04D	1214,0	231,69	37	369.100	70	6 x 2	55,20	93,60	3.312	2.779	4 x DN100
OSTRO-L W 90-6.2 D 2,1 V AC 04D	1301,0	248,30	28	354.650	70	6 x 2	55,20	93,60	4.139	3.036	4 x DN100
OSTRO-L W 90-7.2 B 2,1 V AC 04D	1273,6	243,03	77	449.500	71	7 x 2	64,40	109,20	2.898	2.944	4 x DN100
OSTRO-L W 90-7.2 C 2,1 V AC 04D	1443,2	275,41	58	430.650	71	7 x 2	64,40	109,20	3.864	3.244	4 x DN100
OSTRO-L W 90-7.2 D 2,1 V AC 04D	1545,5	294,76	44	413.750	71	7 x 2	64,40	109,20	4.829	3.544	4 x DN125
OSTRO-L W 90-8.2 B 2,1 V AC 04D	1476,6	281,83	115	513.700	71	8 x 2	73,60	124,80	3.312	3.328	4 x DN100
OSTRO-L W 90-8.2 C 2,1 V AC 04D	1672,1	319,06	86	492.150	71	8 x 2	73,60	124,80	4.415	3.671	4 x DN125
OSTRO-L W 90-8.2 D 2,1 V AC 04D	1789,5	341,39	65	472.850	71	8 x 2	73,60	124,80	5.519	4.014	4 x DN125
OSTRO-L W 90-9.2 B 2,1 V AC 04D	1679,3	320,51	162	577.900	71	9 x 2	82,80	140,40	3.726	3.724	4 x DN100
OSTRO-L W 90-9.2 C 2,1 V AC 04D	1900,9	362,82	121	553.700	71	9 x 2	82,80	140,40	4.967	4.110	4 x DN125
OSTRO-L W 90-9.2 D 2,1 V AC 04D	2033,1	387,85	92	531.950	71	9 x 2	82,80	140,40	6.209	4.496	4 x DN125

3 PH 6 poles	CAPACITY	FLUID FLOW	FLUID PRESSURE DROPS	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	POWER	CURRENT	SURFACE	WEIGHT	CONNESSIONI IN / OUT
	kW	m³/h	kPa	m³/h	dB(A)	Nr. x Ø mm	kW	A	m²	kg	
OSTRO-L W 90-2.2 B 2,1 V AC 06D	322,6	61,6	99	103.050	58	2 x 2	9,04	20,60	828	910	2 x 2" 1/2
OSTRO-L W 90-2.2 C 2,1 V AC 06D	357,8	68,3	71	98.100	58	2 x 2	9,04	20,60	1.104	996	2 x 3"
OSTRO-L W 90-2.2 D 2,1 V AC 06D	375,8	71,7	52	93.700	58	2 x 2	9,04	20,60	1.380	1.081	2 x 3"
OSTRO-L W 90-3.2 B 2,1 V AC 06D	467,8	89,3	40	154.550	59	3 x 2	13,56	30,90	1.242	1.319	2 x DN100
OSTRO-L W 90-3.2 C 2,1 V AC 06D	536,2	102,4	68	147.200	59	3 x 2	13,56	30,90	1.656	1.448	2 x DN100
OSTRO-L W 90-3.2 D 2,1 V AC 06D	563,2	107,4	50	140.550	59	3 x 2	13,56	30,90	2.070	1.576	4 x 2" 1/2
OSTRO-L W 90-4.2 B 2,1 V AC 06D	644,5	123,0	93	206.100	61	4 x 2	18,08	41,20	1.656	1.716	4 x 2" 1/2
OSTRO-L W 90-4.2 C 2,1 V AC 06D	715,0	136,5	67	196.250	61	4 x 2	18,08	41,20	2.208	1.887	4 x DN80
OSTRO-L W 90-4.2 D 2,1 V AC 06D	751,1	143,2	50	187.400	61	4 x 2	18,08	41,20	2.760	2.059	4 x DN80
OSTRO-L W 90-5.2 B 2,1 V AC 06D	756,9	144,5	22	257.600	61	5 x 2	22,60	51,50	2.070	2.125	4 x DN80
OSTRO-L W 90-5.2 C 2,1 V AC 06D	841,1	160,5	16	245.300	61	5 x 2	22,60	51,50	2.760	2.339	4 x DN80
OSTRO-L W 90-5.2 D 2,1 V AC 06D	954,7	182,1	94	234.250	61	5 x 2	22,60	51,50	3.450	2.554	4 x DN100
OSTRO-L W 90-6.2 B 2,1 V AC 06D	934,6	178,4	39	309.150	62	6 x 2	27,12	61,80	2.484	2.522	4 x DN100
OSTRO-L W 90-6.2 C 2,1 V AC 06D	1038,2	198,2	28	294.400	62	6 x 2	27,12	61,80	3.312	2.779	4 x DN100
OSTRO-L W 90-6.2 D 2,1 V AC 06D	1091,9	208,3	21	281.100	62	6 x 2	27,12	61,80	4.139	3.036	4 x DN100
OSTRO-L W 90-7.2 B 2,1 V AC 06D	1111,6	212,2	61	360.650	63	7 x 2	31,64	72,10	2.898	2.944	4 x DN100
OSTRO-L W 90-7.2 C 2,1 V AC 06D	1233,9	235,5	44	343.450	63	7 x 2	31,64	72,10	3.864	3.244	4 x DN100
OSTRO-L W 90-7.2 D 2,1 V AC 06D	1297,1	247,4	32	327.950	63	7 x 2	31,64	72,10	4.829	3.544	4 x DN125
OSTRO-L W 90-8.2 B 2,1 V AC 06D	1288,3	245,9	90	412.200	63	8 x 2	36,16	82,40	3.312	3.328	4 x DN100
OSTRO-L W 90-8.2 C 2,1 V AC 06D	1429,3	272,8	65	392.500	63	8 x 2	36,16	82,40	4.415	3.671	4 x DN125
OSTRO-L W 90-8.2 D 2,1 V AC 06D	1501,4	286,3	48	374.800	63	8 x 2	36,16	82,40	5.519	4.014	4 x DN125
OSTRO-L W 90-9.2 B 2,1 V AC 06D	1464,9	279,6	127	463.700	63	9 x 2	40,68	92,70	3.726	3.724	4 x DN100
OSTRO-L W 90-9.2 C 2,1 V AC 06D	1624,1	309,9	92	441.550	63	9 x 2	40,68	92,70	4.967	4.110	4 x DN125
OSTRO-L W 90-9.2 D 2,1 V AC 06D	1705,2	325,2	68	421.650	63	9 x 2	40,68	92,70	6.209	4.496	4 x DN125

T<sub>ambient</sub> = 25°C - T<sub>fluid in/out</sub> = 40/35°C - ethylene glycol 35%

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# OSTRO-L W 90



V-type double-row dry cooler

3 PH 8 poles	CAPACITY	FLUID FLOW	FLUID PRESSURE DROPS	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	POWER	CURRENT	SURFACE	WEIGHT	CONNESSIONI IN / OUT
	kW	m³/h	kPa	m³/h	dB(A)	Nr. x Ø mm	kW	A	m²	kg	
OSTRO-L W 90-2.2 A 2,1 V AC 08D	202,6	38,65	55	72250	47	2 x 2	3,32	9,08	552	824	2 x 2" 1/2
OSTRO-L W 90-2.2 B 2,1 V AC 08D	245,6	46,9	61	68.750	47	2 x 2	3,32	9,08	828	910	2 x 2" 1/2
OSTRO-L W 90-2.2 C 2,1 V AC 08D	264,6	50,5	42	65.650	47	2 x 2	3,32	9,08	1104	996	2 x 2" 1/2
OSTRO-L W 90-2.2 D 2,1 V AC 08D	276,6	52,8	61	62.850	47	2 x 2	3,32	9,08	1380	1.081	2 x 2" 1/2
OSTRO-L W 90-3.2 A 2,1 V AC 08D	298,9	57,05	37	108400	48	3 x 2	4,98	13,62	828	1190	2 x 3"
OSTRO-L W 90-3.2 B 2,1 V AC 08D	368,0	70,2	58	103.100	48	3 x 2	4,98	13,62	1242	1.319	2 x 3"
OSTRO-L W 90-3.2 C 2,1 V AC 08D	396,7	75,7	40	98.500	48	3 x 2	4,98	13,62	1656	1.448	2 x 3"
OSTRO-L W 90-3.2 D 2,1 V AC 08D	415,2	79,2	61	94.250	48	3 x 2	4,98	13,62	2070	1.576	2 x 3"
OSTRO-L W 90-4.2 A 2,1 V AC 08D	412,3	78,7	87	144550	50	4 x 2	6,64	18,16	1104	1544	2 x 3"
OSTRO-L W 90-4.2 B 2,1 V AC 08D	490,8	93,7	58	137.500	50	4 x 2	6,64	18,16	1656	1.716	2 x DN100
OSTRO-L W 90-4.2 C 2,1 V AC 08D	529,0	100,9	40	131.300	50	4 x 2	6,64	18,16	2208	1.887	2 x DN100
OSTRO-L W 90-4.2 D 2,1 V AC 08D	553,4	105,5	59	125.700	50	4 x 2	6,64	18,16	2760	2.059	2 x DN100
OSTRO-L W 90-5.2 A 2,1 V AC 08D	483,4	92,26	21	180650	50	5 x 2	8,30	22,70	1380	1911	2 x DN100
OSTRO-L W 90-5.2 B 2,1 V AC 08D	576,4	110,0	14	171.900	50	5 x 2	8,30	22,70	2070	2.125	4 x 2" 1/2
OSTRO-L W 90-5.2 C 2,1 V AC 08D	672,5	128,3	75	164.150	50	5 x 2	8,30	22,70	2760	2.339	4 x DN80
OSTRO-L W 90-5.2 D 2,1 V AC 08D	690,3	131,7	53	157.100	50	5 x 2	8,30	22,70	3450	2.554	4 x DN80
OSTRO-L W 90-6.2 A 2,1 V AC 08D	597,3	113,98	36	216800	51	6 x 2	9,96	27,24	1656	2264	4 x DN80
OSTRO-L W 90-6.2 B 2,1 V AC 08D	712,1	135,9	24	206.250	51	6 x 2	9,96	27,24	2484	2.522	4 x DN80
OSTRO-L W 90-6.2 C 2,1 V AC 08D	768,4	146,6	16	196.950	51	6 x 2	9,96	27,24	3312	2.779	4 x DN100
OSTRO-L W 90-6.2 D 2,1 V AC 08D	836,4	159,5	89	188.550	51	6 x 2	9,96	27,24	4139	3.036	4 x DN100
OSTRO-L W 90-7.2 A 2,1 V AC 08D	710,8	135,63	57	252950	52	7 x 2	11,62	31,78	1932	2644	4 x DN80
OSTRO-L W 90-7.2 B 2,1 V AC 08D	846,9	161,6	38	240.600	52	7 x 2	11,62	31,78	2898	2.944	4 x DN80
OSTRO-L W 90-7.2 C 2,1 V AC 08D	913,4	174,2	26	229.800	52	7 x 2	11,62	31,78	3864	3.244	4 x DN100
OSTRO-L W 90-7.2 D 2,1 V AC 08D	939,4	179,2	18	219.950	52	7 x 2	11,62	31,78	4829	3.544	4 x DN100
OSTRO-L W 90-8.2 A 2,1 V AC 08D	824,1	157,3	84	289050	52	8 x 2	13,28	36,32	2208	2985	4 x DN80
OSTRO-L W 90-8.2 B 2,1 V AC 08D	981,1	187,2	56	275.000	52	8 x 2	13,28	36,32	3312	3.328	4 x DN100
OSTRO-L W 90-8.2 C 2,1 V AC 08D	1057,5	201,7	38	262.600	52	8 x 2	13,28	36,32	4415	3.671	4 x DN100
OSTRO-L W 90-8.2 D 2,1 V AC 08D	1087,0	207,4	27	251.400	52	8 x 2	13,28	36,32	5519	4.014	4 x DN100
OSTRO-L W 90-9.2 A 2,1 V AC 08D	937,3	178,89	119	325200	52	9 x 2	14,94	40,86	2484	3339	4 x DN80
OSTRO-L W 90-9.2 B 2,1 V AC 08D	1115,1	212,8	79	309.400	52	9 x 2	14,94	40,86	3726	3.724	4 x DN100
OSTRO-L W 90-9.2 C 2,1 V AC 08D	1201,2	229,1	54	295.450	52	9 x 2	14,94	40,86	4967	4.110	4 x DN100
OSTRO-L W 90-9.2 D 2,1 V AC 08D	1233,8	235,3	38	282.800	52	9 x 2	14,94	40,86	6209	4.496	4 x DN100

3 PH 12 poles	CAPACITY	FLUID FLOW	FLUID PRESSURE DROPS	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	POWER	CURRENT	SURFACE	WEIGHT	CONNESSIONI IN / OUT
	kW	m³/h	kPa	m³/h	dB(A)	Nr. x Ø mm	kW	A	m²	kg	
OSTRO-L W 90-2.2 A 2,1 V AC 12D	153,7	29,3	55	45.800	36	2 x 2	1,12	3,32	552	824	2 x 2"
OSTRO-L W 90-2.2 B 2,1 V AC 12D	174,8	33,3	33	43.600	36	2 x 2	1,12	3,32	828	910	2 x 2"
OSTRO-L W 90-2.2 C 2,1 V AC 12D	184,6	35,2	45	41.450	36	2 x 2	1,12	3,32	1.104	996	2 x 2"
OSTRO-L W 90-3.2 A 2,1 V AC 12D	230,8	44,0	55	68.700	37	3 x 2	1,68	4,98	828	1.190	2 x 2" 1/2
OSTRO-L W 90-3.2 B 2,1 V AC 12D	262,0	50,0	32	65.450	37	3 x 2	1,68	4,98	1.242	1.319	2 x 2" 1/2
OSTRO-L W 90-3.2 C 2,1 V AC 12D	276,9	52,8	44	62.150	37	3 x 2	1,68	4,98	1.656	1.448	2 x 2" 1/2
OSTRO-L W 90-4.2 A 2,1 V AC 12D	307,2	58,6	52	91.600	39	4 x 2	2,24	6,64	1.104	1.544	2 x 3"
OSTRO-L W 90-4.2 B 2,1 V AC 12D	349,4	66,6	32	87.250	39	4 x 2	2,24	6,64	1.656	1.716	2 x 3"
OSTRO-L W 90-4.2 C 2,1 V AC 12D	369,2	70,4	43	82.900	39	4 x 2	2,24	6,64	2.207	1.887	2 x 3"
OSTRO-L W 90-5.2 A 2,1 V AC 12D	391,3	74,7	98	114.550	39	5 x 2	2,80	8,30	1.380	1.911	2 x 3"
OSTRO-L W 90-5.2 B 2,1 V AC 12D	444,4	84,8	60	109.050	39	5 x 2	2,80	8,30	2.070	2.125	2 x 3"
OSTRO-L W 90-5.2 C 2,1 V AC 12D	460,4	87,8	39	103.600	39	5 x 2	2,80	8,30	2.760	2.339	2 x 3"
OSTRO-L W 90-6.2 A 2,1 V AC 12D	445,1	85,0	21	137.450	40	6 x 2	3,36	9,96	1.656	2.264	2 x DN100
OSTRO-L W 90-6.2 B 2,1 V AC 12D	539,1	102,8	101	130.900	40	6 x 2	3,36	9,96	2.484	2.522	2 x DN100
OSTRO-L W 90-6.2 C 2,1 V AC 12D	557,9	106,4	65	124.300	40	6 x 2	3,36	9,96	3.312	2.779	2 x DN100
OSTRO-L W 90-7.2 A 2,1 V AC 12D	529,7	101,1	34	160.350	41	7 x 2	3,92	11,62	1.932	2.644	4 x 2" 1/2
OSTRO-L W 90-7.2 B 2,1 V AC 12D	602,9	115,0	21	152.700	41	7 x 2	3,92	11,62	2.898	2.944	4 x 2" 1/2
OSTRO-L W 90-7.2 C 2,1 V AC 12D	655,1	125,0	100	145.050	41	7 x 2	3,92	11,62	3.864	3.244	4 x 2" 1/2
OSTRO-L W 90-8.2 A 2,1 V AC 12D	614,0	117,2	50	183.250	41	8 x 2	4,48	13,28	2.208	2.985	4 x DN80
OSTRO-L W 90-8.2 B 2,1 V AC 12D	698,4	133,2	31	174.500	41	8 x 2	4,48	13,28	3.312	3.328	4 x DN80
OSTRO-L W 90-8.2 C 2,1 V AC 12D	724,7	138,3	20	165.750	41	8 x 2	4,48	13,28	4.415	3.671	4 x DN80
OSTRO-L W 90-9.2 A 2,1 V AC 12D	698,2	133,3	71	206.150	41	9 x 2	5,04	14,94	2.484	3.339	4 x DN80
OSTRO-L W 90-9.2 B 2,1 V AC 12D	793,5	151,3	43	196.300	41	9 x 2	5,04	14,94	3.726	3.724	4 x DN80
OSTRO-L W 90-9.2 C 2,1 V AC 12D	822,9	157,0	28	186.450	41	9 x 2	5,04	14,94	4.967	4.110	4 x DN80

T<sub>ambient</sub> = 25°C - T<sub>fluid in/out</sub> = 40/35°C - ethylene glycol 35%

# OSTRO W 100

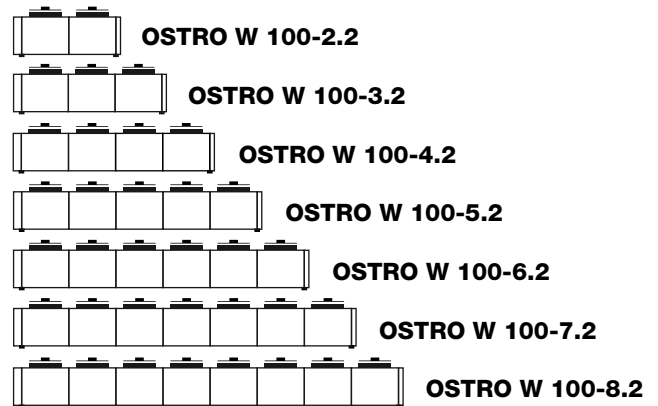


V-type double-row dry cooler

Ø 1000 mm  
FAN SIZE

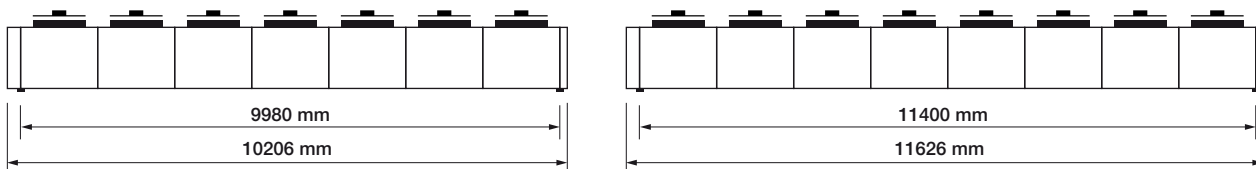
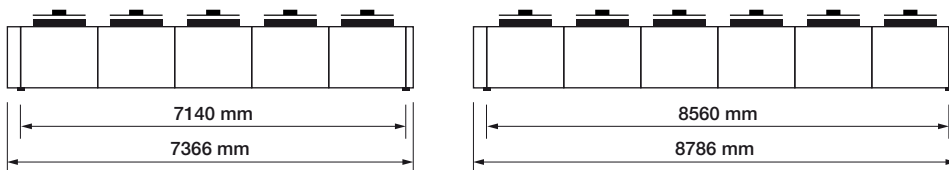
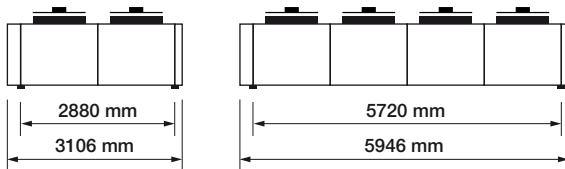
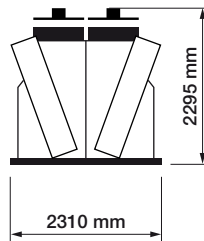
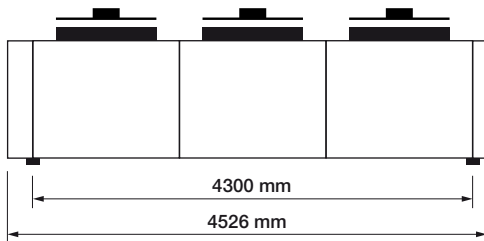
209,6 ÷ 1607,9 kW  
DT 15K CAPACITY

4 ÷ 16  
NUMBER OF FANS



## DIMENSIONS

OSTRO W 100-2.2/3.2/4.2/5.2/6.2/7.2/8.2



# OSTRO W 100



V-type double-row dry cooler

3 PH 6 poles	CAPACITY	FLUID FLOW	FLUID PRESSURE DROPS	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	POWER	CURRENT	SURFACE	WEIGHT	CONNESSIONI IN / OUT
	kW	m³/h	kPa	m³/h	dB(A)	Nr. x Ø mm	kW	A	m²	kg	
OSTRO W 100-2.2 B 2,1 V AC 06D	332,5	63,5	65	112.300	59	2 x 2	9,92	22,52	817	878	2 x 2" 1/2
OSTRO W 100-2.2 C 2,1 V AC 06D	371,3	70,9	48	106.650	59	2 x 2	9,92	22,52	1.089	963	2 x 3"
OSTRO W 100-2.2 D 2,1 V AC 06D	391,7	74,7	36	101.500	59	2 x 2	9,92	22,52	1.361	1.047	2 x 3"
OSTRO W 100-3.2 B 2,1 V AC 06D	499,2	95,3	65	168.500	61	3 x 2	14,88	33,78	1.225	1.277	2 x DN100
OSTRO W 100-3.2 C 2,1 V AC 06D	557,3	106,4	48	159.950	61	3 x 2	14,88	33,78	1.634	1.404	2 x DN100
OSTRO W 100-3.2 D 2,1 V AC 06D	587,9	112,1	35	152.250	61	3 x 2	14,88	33,78	2.042	1.531	4 x 2" 1/2
OSTRO W 100-4.2 B 2,1 V AC 06D	624,6	119,2	18	224.650	62	4 x 2	19,84	45,04	1.634	1.664	4 x 2" 1/2
OSTRO W 100-4.2 C 2,1 V AC 06D	698,0	133,2	13	213.300	62	4 x 2	19,84	45,04	2.178	1.833	4 x DN80
OSTRO W 100-4.2 D 2,1 V AC 06D	804,3	153,4	81	203.000	62	4 x 2	19,84	45,04	2.722	2.002	4 x DN80
OSTRO W 100-5.2 B 2,1 V AC 06D	811,6	154,9	36	280.800	62	5 x 2	24,80	56,30	2.042	2.063	4 x DN80
OSTRO W 100-5.2 C 2,1 V AC 06D	906,7	173,0	27	266.600	62	5 x 2	24,80	56,30	2.722	2.274	4 x DN80
OSTRO W 100-5.2 D 2,1 V AC 06D	957,1	182,6	20	253.750	62	5 x 2	24,80	56,30	3.403	2.486	4 x DN100
OSTRO W 100-6.2 B 2,1 V AC 06D	997,7	190,4	63	336.950	63	6 x 2	29,76	67,56	2.450	2.449	4 x DN100
OSTRO W 100-6.2 C 2,1 V AC 06D	1113,8	212,6	46	319.950	63	6 x 2	29,76	67,56	3.267	2.703	4 x DN100
OSTRO W 100-6.2 D 2,1 V AC 06D	1174,9	224,1	34	304.500	63	6 x 2	29,76	67,56	4.084	2.957	4 x DN100
OSTRO W 100-7.2 B 2,1 V AC 06D	1183,5	225,9	99	393.100	64	7 x 2	34,72	78,82	2.859	2.861	4 x DN100
OSTRO W 100-7.2 C 2,1 V AC 06D	1320,2	252,0	72	373.250	64	7 x 2	34,72	78,82	3.811	3.157	4 x DN100
OSTRO W 100-7.2 D 2,1 V AC 06D	1391,7	265,5	54	355.200	64	7 x 2	34,72	78,82	4.764	3.453	4 x DN125
OSTRO W 100-8.2 B 2,1 V AC 06D	1369,1	261,3	146	449.300	64	8 x 2	39,68	90,08	3.267	3.235	4 x DN100
OSTRO W 100-8.2 C 2,1 V AC 06D	1526,3	291,3	107	426.600	64	8 x 2	39,68	90,08	4.356	3.573	4 x DN125
OSTRO W 100-8.2 D 2,1 V AC 06D	1607,9	306,7	79	405.950	64	8 x 2	39,68	90,08	5.445	3.912	4 x DN125

3 PH 8 poles	CAPACITY	FLUID FLOW	FLUID PRESSURE DROPS	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	POWER	CURRENT	SURFACE	WEIGHT	CONNESSIONI IN / OUT
	kW	m³/h	kPa	m³/h	dB(A)	Nr. x Ø mm	kW	A	m²	kg	
OSTRO W 100-2.2 A 2,1 V AC 08D	209,6	40,01	57	77450	52	2 x 2	3,84	9,12	545	793	2 x 2" 1/2
OSTRO W 100-2.2 B 2,1 V AC 08D	251,2	47,9	39	73.300	52	2 x 2	3,84	9,12	817	878	2 x 2" 1/2
OSTRO W 100-2.2 C 2,1 V AC 08D	276,1	52,7	46	69.600	52	2 x 2	3,84	9,12	1.089	963	2 x 2" 1/2
OSTRO W 100-2.2 D 2,1 V AC 08D	283,9	54,2	32	66.350	52	2 x 2	3,84	9,12	1.361	1.047	2 x 2" 1/2
OSTRO W 100-3.2 A 2,1 V AC 08D	315,1	60,13	59	116200	54	3 x 2	5,76	13,68	817	1150	2 x 3"
OSTRO W 100-3.2 B 2,1 V AC 08D	377,2	72,0	40	109.950	54	3 x 2	5,76	13,68	1.225	1.277	2 x 3"
OSTRO W 100-3.2 C 2,1 V AC 08D	407,4	77,7	27	104.350	54	3 x 2	5,76	13,68	1.634	1.404	2 x 3"
OSTRO W 100-3.2 D 2,1 V AC 08D	425,7	81,2	31	99.500	54	3 x 2	5,76	13,68	2.042	1.531	2 x 3"
OSTRO W 100-4.2 A 2,1 V AC 08D	393,7	75,15	17	154900	55	4 x 2	7,68	18,24	1089	1494	2 x 3"
OSTRO W 100-4.2 B 2,1 V AC 08D	471,4	90,0	11	146.600	55	4 x 2	7,68	18,24	1.634	1.664	2 x DN100
OSTRO W 100-4.2 C 2,1 V AC 08D	557,5	106,3	63	139.150	55	4 x 2	7,68	18,24	2.178	1.833	2 x DN100
OSTRO W 100-4.2 D 2,1 V AC 08D	573,1	109,3	45	132.700	55	4 x 2	7,68	18,24	2.722	2.002	2 x DN100
OSTRO W 100-5.2 A 2,1 V AC 08D	512	97,72	33	193650	55	5 x 2	9,60	22,80	1361	1851	2 x DN100
OSTRO W 100-5.2 B 2,1 V AC 08D	613,3	117,1	22	183.250	55	5 x 2	9,60	22,80	2.042	2.063	4 x 2" 1/2
OSTRO W 100-5.2 C 2,1 V AC 08D	662,8	126,4	15	173.950	55	5 x 2	9,60	22,80	2.722	2.274	4 x DN80
OSTRO W 100-5.2 D 2,1 V AC 08D	725,0	35,0	83	165.850	55	5 x 2	9,60	22,80	3.403	2.486	4 x DN80
OSTRO W 100-6.2 A 2,1 V AC 08D	629,7	120,17	57	232350	56	6 x 2	11,52	27,36	1634	2196	4 x DN80
OSTRO W 100-6.2 B 2,1 V AC 08D	753,8	143,9	38	219.900	56	6 x 2	11,52	27,36	2.450	2.449	4 x DN80
OSTRO W 100-6.2 C 2,1 V AC 08D	814,2	155,3	26	208.750	56	6 x 2	11,52	27,36	3.267	2.703	4 x DN100
OSTRO W 100-6.2 D 2,1 V AC 08D	838,3	159,9	19	199.050	56	6 x 2	11,52	27,36	4.084	2.957	4 x DN100
OSTRO W 100-7.2 A 2,1 V AC 08D	747,3	142,66	90	271100	57	7 x 2	13,44	31,92	1906	2565	4 x DN80
OSTRO W 100-7.2 B 2,1 V AC 08D	893,9	170,6	60	256.550	57	7 x 2	13,44	31,92	2.859	2.861	4 x DN80
OSTRO W 100-7.2 C 2,1 V AC 08D	964,6	184,0	42	243.500	57	7 x 2	13,44	31,92	3.811	3.157	4 x DN100
OSTRO W 100-7.2 D 2,1 V AC 08D	992,5	189,3	30	232.200	57	7 x 2	13,44	31,92	4.764	3.453	4 x DN100
OSTRO W 100-8.2 A 2,1 V AC 08D	864,8	165,06	133	309800	57	8 x 2	15,36	36,48	2178	2897	4 x DN80
OSTRO W 100-8.2 B 2,1 V AC 08D	1033,6	197,3	89	293.200	57	8 x 2	15,36	36,48	3.267	3.235	4 x DN100
OSTRO W 100-8.2 C 2,1 V AC 08D	1114,5	212,6	61	278.300	57	8 x 2	15,36	36,48	4.356	3.573	4 x DN100
OSTRO W 100-8.2 D 2,1 V AC 08D	1145,8	218,5	43	265.400	57	8 x 2	15,36	36,48	5.445	3.912	4 x DN100

T<sub>ambient</sub> = 25°C - T<sub>fluid in/out</sub> = 40/35°C - ethylene glycol 35%

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# OSTRO-L W 100



V-type double-row dry cooler

Ø 1000 mm

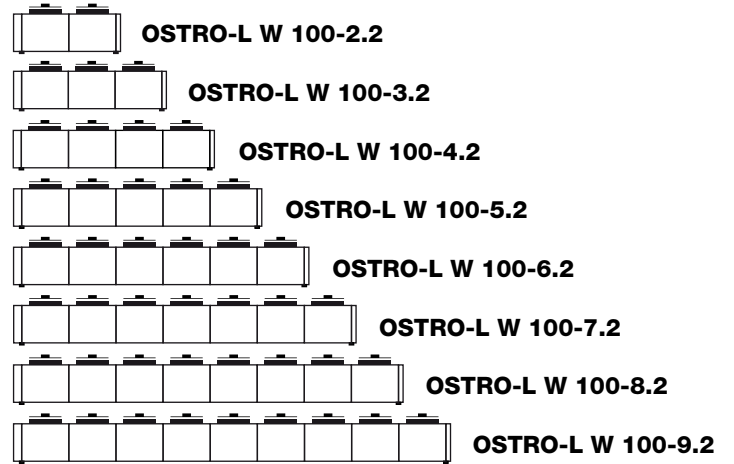
FAN SIZE

211,7 ÷ 1821,6 kW

DT 15K CAPACITY

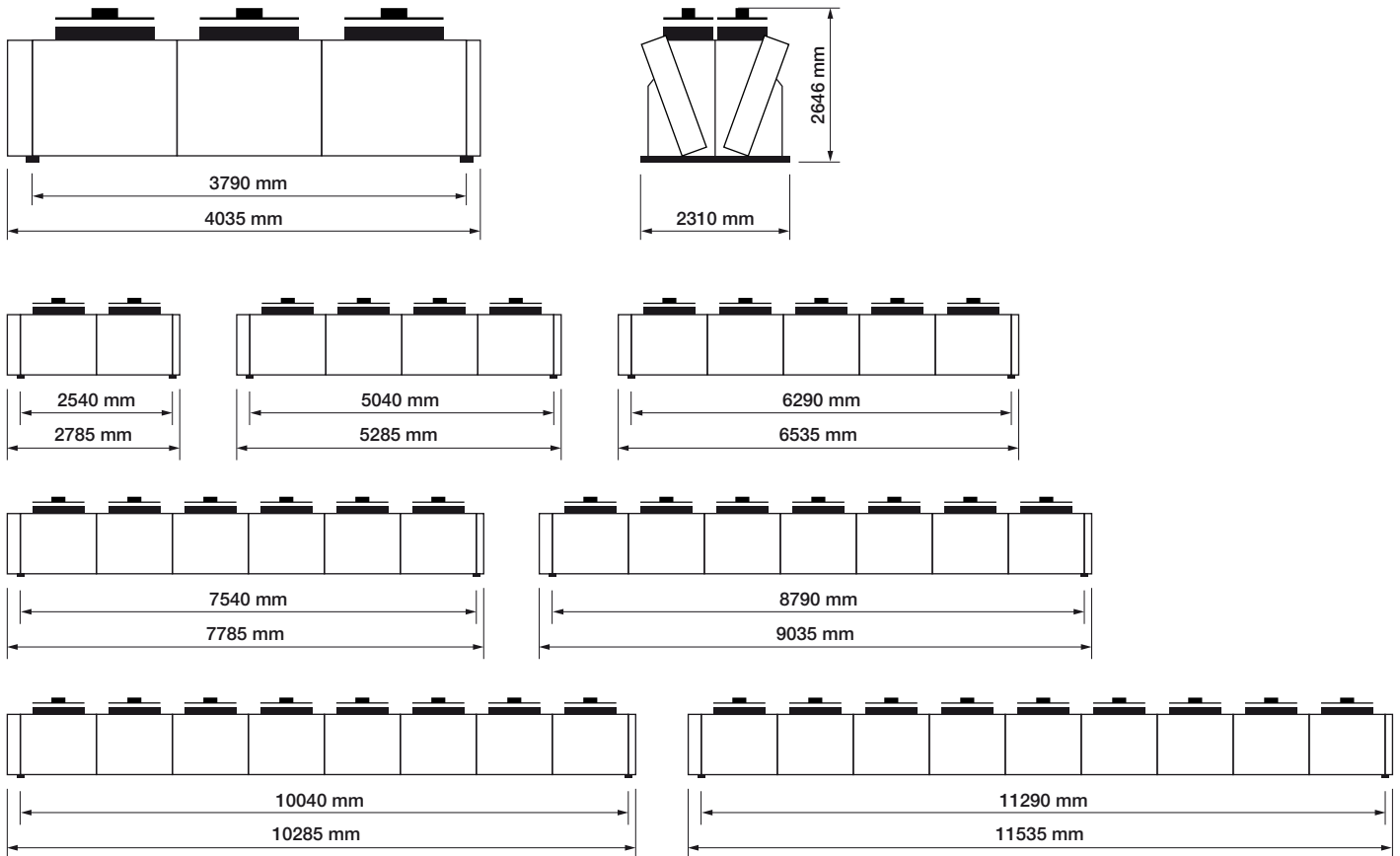
4 ÷ 18

NUMBER OF FANS



## DIMENSIONS

OSTRO-L W 100-2.2/3.2/4.2/5.2/6.2/7.2/8.2/9.2



# OSTRO-L W 100



V-type double-row dry cooler

3 PH 6 poles	CAPACITY	FLUID FLOW	FLUID PRESSURE DROPS	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	POWER	CURRENT	SURFACE	WEIGHT	CONNESSIONI IN / OUT
	kW	m³/h	kPa	m³/h	dB(A)	Nr. x Ø mm	kW	A	m²	kg	
OSTRO-L W 100-2.2 B 2,1 V AC 06D	323,0	61,6	29	112.750	59	2 x 2	9,92	22,52	828	910	2 x 2" 1/2
OSTRO-L W 100-2.2 C 2,1 V AC 06D	380,8	72,7	80	107.150	59	2 x 2	9,92	22,52	1.104	996	2 x 3"
OSTRO-L W 100-2.2 D 2,1 V AC 06D	401,5	76,6	59	102.100	59	2 x 2	9,92	22,52	1.380	1.081	2 x 3"
OSTRO-L W 100-3.2 B 2,1 V AC 06D	495,0	94,5	44	169.100	60	3 x 2	14,88	33,78	1.242	1.319	2 x DN100
OSTRO-L W 100-3.2 C 2,1 V AC 06D	552,8	105,5	32	160.750	60	3 x 2	14,88	33,78	1.656	1.448	2 x DN100
OSTRO-L W 100-3.2 D 2,1 V AC 06D	601,6	114,8	56	153.150	60	3 x 2	14,88	33,78	2.070	1.576	4 x 2" 1/2
OSTRO-L W 100-4.2 B 2,1 V AC 06D	611,4	116,7	12	225.500	62	4 x 2	19,84	45,04	1.656	1.716	4 x 2" 1/2
OSTRO-L W 100-4.2 C 2,1 V AC 06D	760,9	145,2	75	214.350	62	4 x 2	19,84	45,04	2.208	1.887	4 x DN80
OSTRO-L W 100-4.2 D 2,1 V AC 06D	802,3	153,0	56	204.200	62	4 x 2	19,84	45,04	2.760	2.059	4 x DN80
OSTRO-L W 100-5.2 B 2,1 V AC 06D	801,0	152,9	24	281.900	62	5 x 2	24,80	56,30	2.070	2.125	4 x DN80
OSTRO-L W 100-5.2 C 2,1 V AC 06D	895,1	170,8	18	267.900	62	5 x 2	24,80	56,30	2.760	2.339	4 x DN80
OSTRO-L W 100-5.2 D 2,1 V AC 06D	945,2	180,3	13	255.250	62	5 x 2	24,80	56,30	3.450	2.554	4 x DN100
OSTRO-L W 100-6.2 B 2,1 V AC 06D	988,9	188,7	43	338.250	63	6 x 2	29,76	67,56	2.484	2.522	4 x DN100
OSTRO-L W 100-6.2 C 2,1 V AC 06D	1104,6	210,8	31	321.500	63	6 x 2	29,76	67,56	3.312	2.779	4 x DN100
OSTRO-L W 100-6.2 D 2,1 V AC 06D	1166,2	222,5	23	306.300	63	6 x 2	29,76	67,56	4.139	3.036	4 x DN100
OSTRO-L W 100-7.2 B 2,1 V AC 06D	1176,4	224,5	67	394.600	64	7 x 2	34,72	78,82	2.898	2.944	4 x DN100
OSTRO-L W 100-7.2 C 2,1 V AC 06D	1313,1	250,6	49	375.050	64	7 x 2	34,72	78,82	3.864	3.244	4 x DN100
OSTRO-L W 100-7.2 D 2,1 V AC 06D	1385,4	264,2	36	357.350	64	7 x 2	34,72	78,82	4.829	3.544	4 x DN125
OSTRO-L W 100-8.2 B 2,1 V AC 06D	1363,5	260,2	100	451.000	64	8 x 2	39,68	90,08	3.312	3.328	4 x DN100
OSTRO-L W 100-8.2 C 2,1 V AC 06D	1520,9	290,3	73	428.650	64	8 x 2	39,68	90,08	4.415	3.671	4 x DN125
OSTRO-L W 100-8.2 D 2,1 V AC 06D	1603,7	305,9	54	408.400	64	8 x 2	39,68	90,08	5.519	4.014	4 x DN125
OSTRO-L W 100-9.2 B 2,1 V AC 06D	1550,6	295,9	141	507.400	64	9 x 2	44,64	101,34	3.726	3.724	4 x DN100
OSTRO-L W 100-9.2 C 2,1 V AC 06D	1728,6	329,9	103	482.250	64	9 x 2	44,64	101,34	4.967	4.110	4 x DN125
OSTRO-L W 100-9.2 D 2,1 V AC 06D	1821,6	347,5	76	459.400	64	9 x 2	44,64	101,34	6.209	4.496	4 x DN125

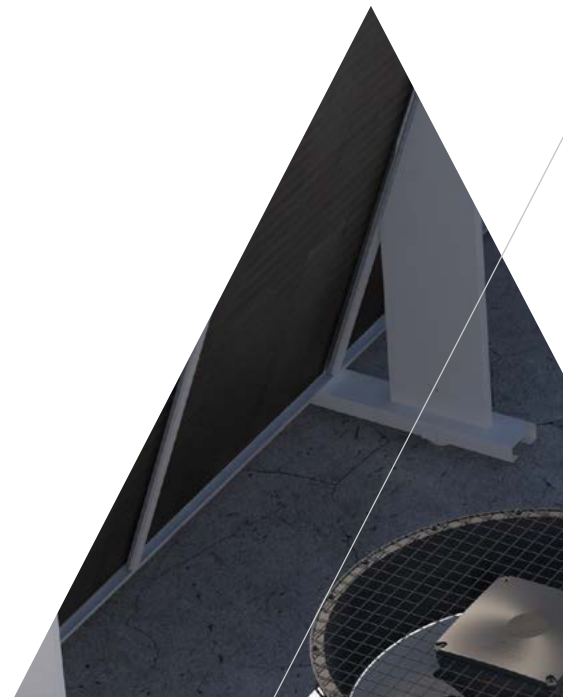
3 PH 8 poles	CAPACITY	FLUID FLOW	FLUID PRESSURE DROPS	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	POWER	CURRENT	SURFACE	WEIGHT	CONNESSIONI IN / OUT
	kW	m³/h	kPa	m³/h	dB(A)	Nr. x Ø mm	kW	A	m²	kg	
OSTRO-L W 100-2.2 A 2,1 V AC 08D	211,7	40,39	60	77750	52	2 x 2	3,84	9,12	552	824	2 x 2" 1/2
OSTRO-L W 100-2.2 B 2,1 V AC 08D	257,6	49,2	66	73.600	52	2 x 2	3,84	9,12	828	910	2 x 2" 1/2
OSTRO-L W 100-2.2 C 2,1 V AC 08D	277,9	53,0	45	69.950	52	2 x 2	3,84	9,12	1104	996	2 x 2" 1/2
OSTRO-L W 100-2.2 D 2,1 V AC 08D	285,9	54,6	32	66.700	52	2 x 2	3,84	9,12	1380	1.081	2 x 2" 1/2
OSTRO-L W 100-3.2 A 2,1 V AC 08D	312,4	59,61	40	116600	53	3 x 2	5,76	13,68	828	1190	2 x 3"
OSTRO-L W 100-3.2 B 2,1 V AC 08D	386,0	73,7	63	110.400	53	3 x 2	5,76	13,68	1242	1.319	2 x 3"
OSTRO-L W 100-3.2 C 2,1 V AC 08D	416,7	79,5	44	104.900	53	3 x 2	5,76	13,68	1656	1.448	2 x 3"
OSTRO-L W 100-3.2 D 2,1 V AC 08D	436,4	83,2	66	100.050	53	3 x 2	5,76	13,68	2070	1.576	2 x 3"
OSTRO-L W 100-4.2 A 2,1 V AC 08D	430,8	82,24	94	155450	55	4 x 2	7,68	18,24	1104	1544	2 x 3"
OSTRO-L W 100-4.2 B 2,1 V AC 08D	514,8	98,3	63	147.150	55	4 x 2	7,68	18,24	1656	1.716	2 x DN100
OSTRO-L W 100-4.2 C 2,1 V AC 08D	555,6	106,0	43	139.850	55	4 x 2	7,68	18,24	2208	1.887	2 x DN100
OSTRO-L W 100-4.2 D 2,1 V AC 08D	581,7	110,9	64	133.400	55	4 x 2	7,68	18,24	2760	2.059	2 x DN100
OSTRO-L W 100-5.2 A 2,1 V AC 08D	505,2	96,42	22	194350	55	5 x 2	9,60	22,80	1380	1911	2 x DN100
OSTRO-L W 100-5.2 B 2,1 V AC 08D	604,7	115,4	15	183.950	55	5 x 2	9,60	22,80	2070	2.125	4 x 2" 1/2
OSTRO-L W 100-5.2 C 2,1 V AC 08D	706,5	134,8	82	174.800	55	5 x 2	9,60	22,80	2760	2.339	4 x DN80
OSTRO-L W 100-5.2 D 2,1 V AC 08D	725,6	138,4	58	166.750	55	5 x 2	9,60	22,80	3450	2.554	4 x DN80
OSTRO-L W 100-6.2 A 2,1 V AC 08D	624,1	119,11	39	233200	56	6 x 2	11,52	27,36	1656	2264	4 x DN80
OSTRO-L W 100-6.2 B 2,1 V AC 08D	746,9	142,5	26	220.750	56	6 x 2	11,52	27,36	2484	2.522	4 x DN80
OSTRO-L W 100-6.2 C 2,1 V AC 08D	807,1	153,9	18	209.800	56	6 x 2	11,52	27,36	3312	2.779	4 x DN100
OSTRO-L W 100-6.2 D 2,1 V AC 08D	879,3	167,7	97	200.100	56	6 x 2	11,52	27,36	4139	3.036	4 x DN100
OSTRO-L W 100-7.2 A 2,1 V AC 08D	742,7	141,72	61	272050	57	7 x 2	13,44	31,92	1932	2644	4 x DN80
OSTRO-L W 100-7.2 B 2,1 V AC 08D	888,2	169,5	41	257.550	57	7 x 2	13,44	31,92	2898	2.944	4 x DN80
OSTRO-L W 100-7.2 C 2,1 V AC 08D	959,3	183,0	28	244.750	57	7 x 2	13,44	31,92	3864	3.244	4 x DN100
OSTRO-L W 100-7.2 D 2,1 V AC 08D	987,3	188,4	20	233.450	57	7 x 2	13,44	31,92	4829	3.544	4 x DN100
OSTRO-L W 100-8.2 A 2,1 V AC 08D	861,2	164,38	91	310950	57	8 x 2	15,36	36,48	2208	2985	4 x DN80
OSTRO-L W 100-8.2 B 2,1 V AC 08D	1029,1	196,4	61	294.350	57	8 x 2	15,36	36,48	3312	3.328	4 x DN100
OSTRO-L W 100-8.2 C 2,1 V AC 08D	1110,7	211,8	42	279.700	57	8 x 2	15,36	36,48	4415	3.671	4 x DN100
OSTRO-L W 100-8.2 D 2,1 V AC 08D	1142,4	218,0	30	266.800	57	8 x 2	15,36	36,48	5519	4.014	4 x DN100
OSTRO-L W 100-9.2 A 2,1 V AC 08D	979,5	186,96	128	349800	57	9 x 2	17,28	41,04	2484	3339	4 x DN80
OSTRO-L W 100-9.2 B 2,1 V AC 08D	1169,8	223,2	86	331.150	57	9 x 2	17,28	41,04	3726	3.724	4 x DN100
OSTRO-L W 100-9.2 C 2,1 V AC 08D	1261,7	240,7	59	314.700	57	9 x 2	17,28	41,04	4967	4.110	4 x DN100
OSTRO-L W 100-9.2 D 2,1 V AC 08D	1296,8	247,3	42	300.150	57	9 x 2	17,28	41,04	6209	4.496	4 x DN100

T<sub>ambient</sub> = 25°C - T<sub>fluid in/out</sub> = 40/35°C - ethylene glycol 35%

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**OSTRO W 80**  
**OSTRO-L W 80**  
**OSTRO W 90**  
**OSTRO-L W 90**  
**OSTRO W 100**  
**OSTRO-L W 100**



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for great customers**

Stefani Spa | Castegnero (VI) Italy | T. +39 0444 639999  
info@stefani-online.it | stefaniexchangers.com