

# 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

ALL SYNTHETIC REFRIGERANTS  
CO<sub>2</sub> - GAS COOLER 120 BAR  
NH<sub>3</sub> - AMMONIA CONDENSER  
BRINE COOLER

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 pannels.



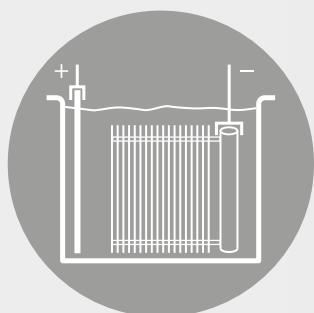
**Optimised transport**  
with units sized for container  
transport.

# OSTRO

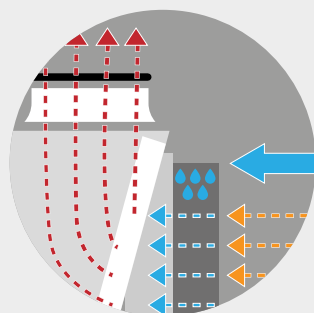
## V-type double-row dry cooler



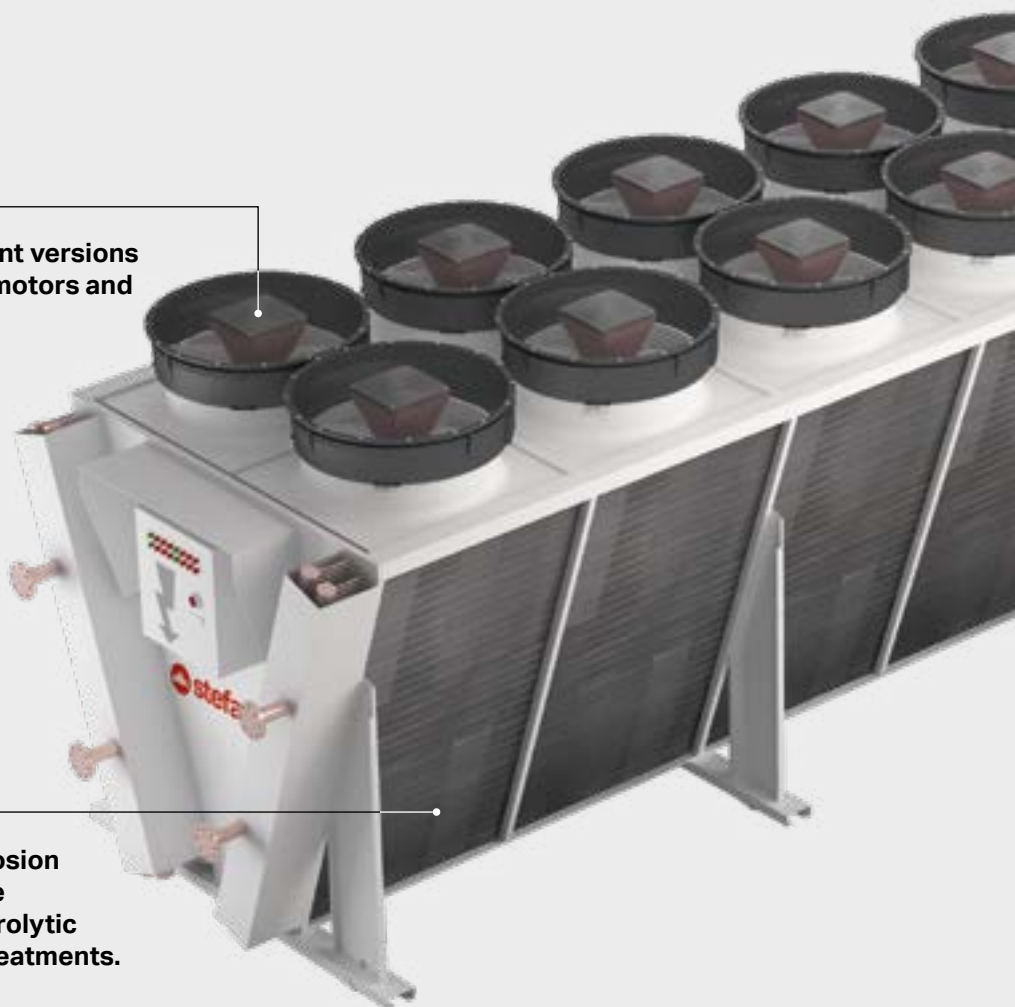
**Super silent versions using EC motors and silencers.**



**High corrosion resistance with electrolytic coating treatments.**



**Versions with ADIABATIC operation with non-organic PAD.**

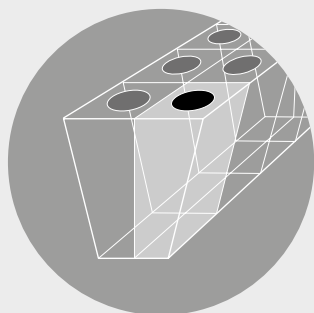


## Range

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



**Excellent aeraulics thanks to air flow separation baffles longitudinal and transverse.**



## 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 aeraulics 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.

## 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

# 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:

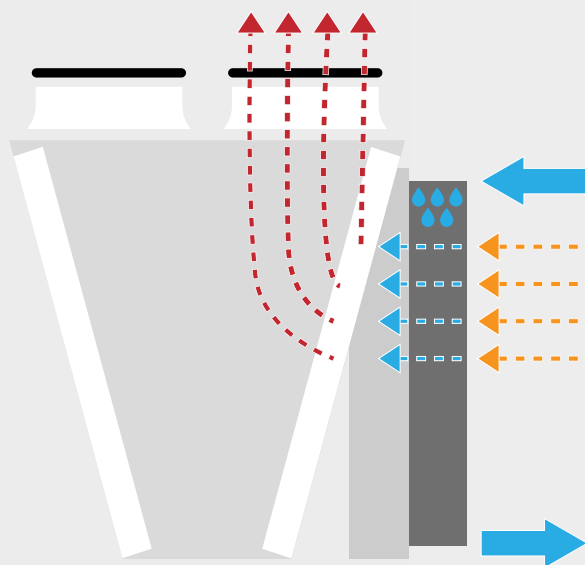
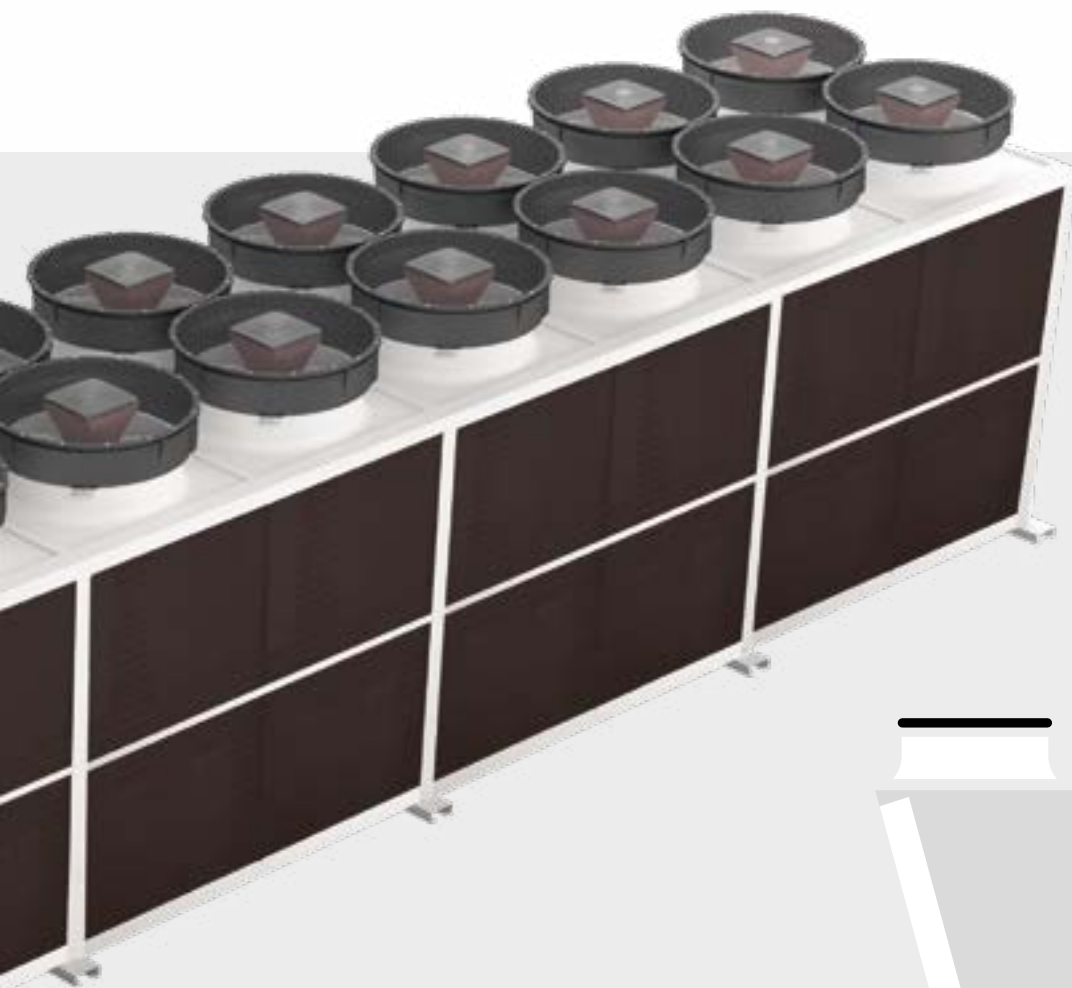
- water injection in PAD with impulses (T, RH, rpm, P)
- adjustment 0 - 10 Vdc EC fans

##### 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

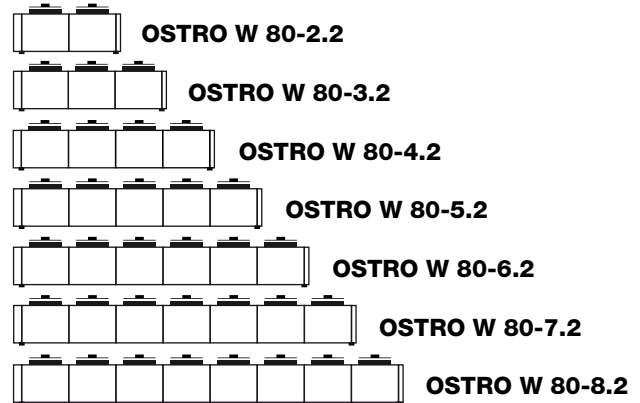
V-type double-row dry cooler



Ø 800 mm  
FAN SIZE

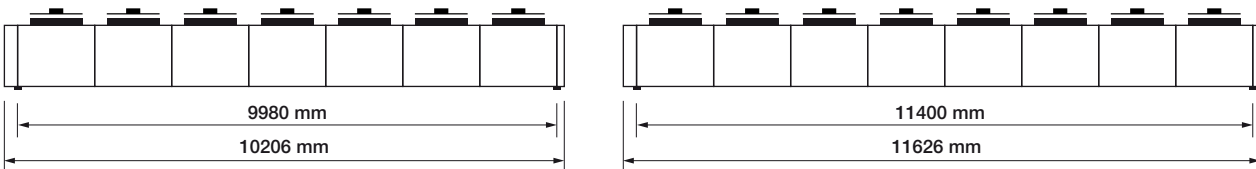
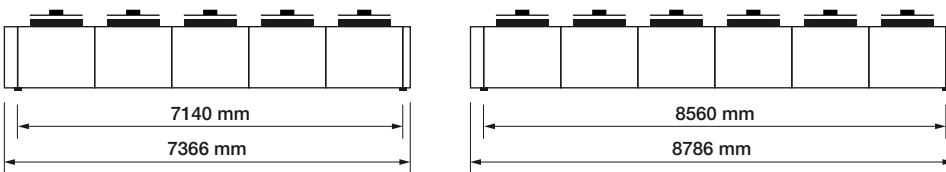
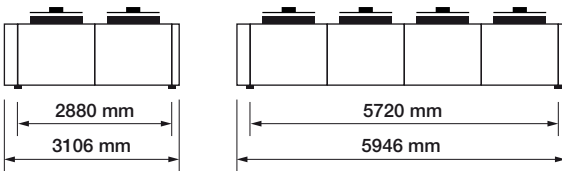
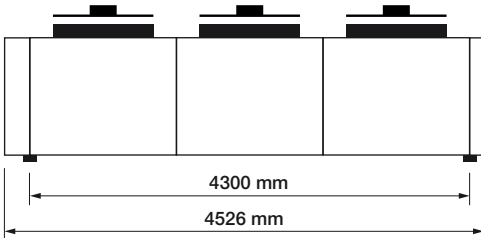
180,5 ÷ 1268,3 kW  
DT 15K CAPACITY

4 ÷ 16  
NUMBER OF FANS



## DIMENSIONS

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



## SELECTION CODE

**OSTRO** | **L** | **W** | **80** | **2.2** | **B** | **4D** | **EC**

**OSTRO** V-type double-row dry cooler  
**L** **not present** = std coil lenght | **L** = L coil lenght  
**W** **W** = dry cooler

**80** fan size Ø 800 mm  
**2.2** number of fans = 2 x 2 = 4  
**B** **A - B - C** = coil type  
**4D** **4** = electric motor poles | **D - Y - S** = motor type  
**EC** electronic motor if present

# 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	CONNESSIONI IN / OUT
	kW	m³/h	kPa	m³/h	dB(A)	Nr. x Ø mm	kW	A	m²	kg	
OSTRO W 80-2.2 B 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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	CONNESSIONI IN / OUT
	kW	m³/h	kPa	m³/h	dB(A)	Nr. x Ø mm	kW	A	m²	kg	
OSTRO W 80-2.2 A 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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%

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# OSTRO-L W 80



V-type double-row dry cooler

Ø 800 mm

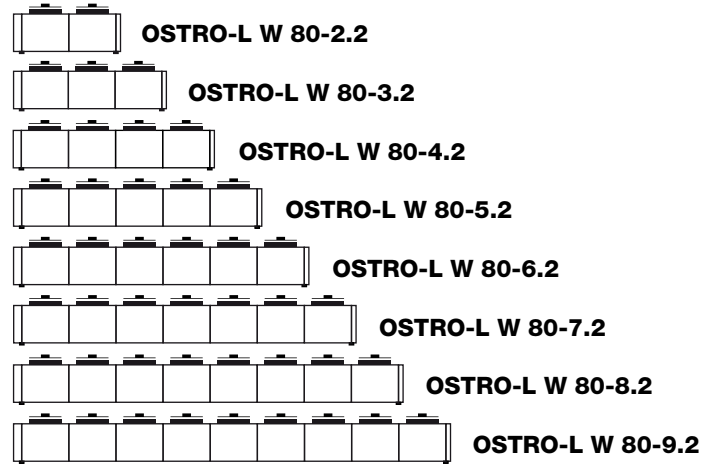
FAN SIZE

185,3 ÷ 1433,4 kW

DT 15K CAPACITY

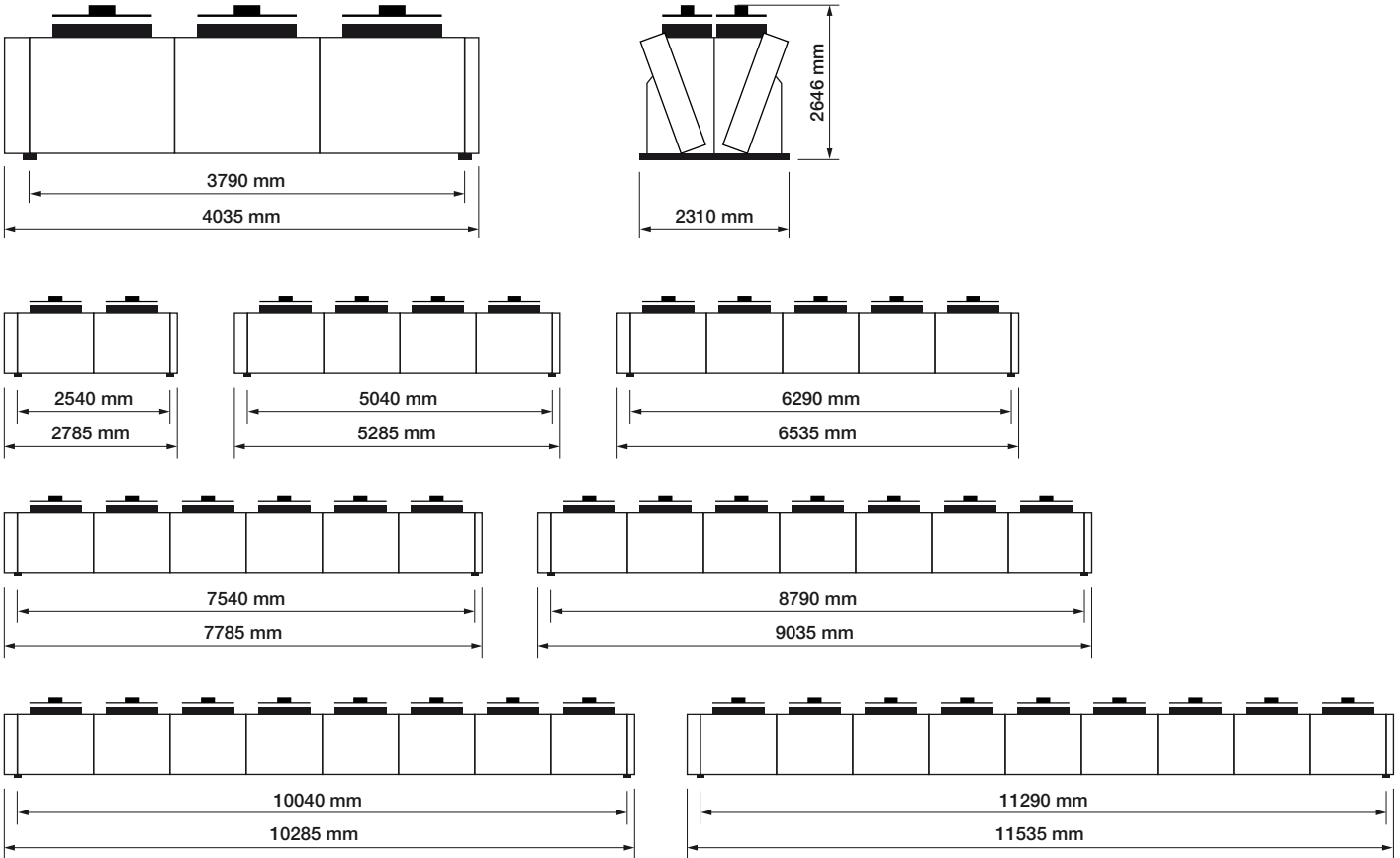
4 ÷ 18

NUMBER OF FANS



## DIMENSIONS

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



## SELECTION CODE

**OSTRO** **L** **W** **80** **2.2** **B** **4D** **EC**

**OSTRO** V-type double-row dry cooler  
**L** **not present** = std coil length | **L** = L coil length  
**W** **W** = dry cooler

**80** fan size Ø 800 mm  
**2.2** number of fans = 2 x 2 = 4  
**B** **A - B - C** = coil type  
**4D** **4** = electric motor poles | **D - Y - S** = motor type  
**EC** electronic motor if present



# 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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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

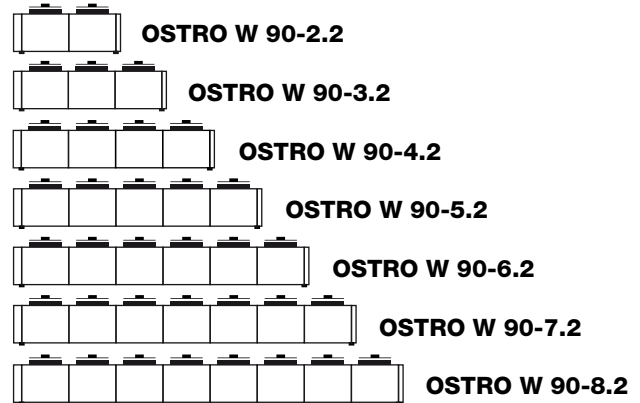
V-type double-row dry cooler



Ø 900 mm  
FAN SIZE

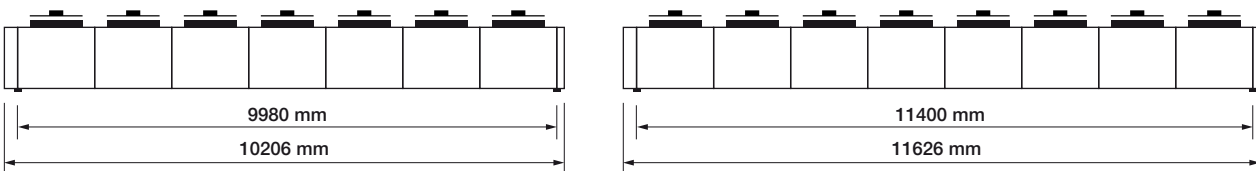
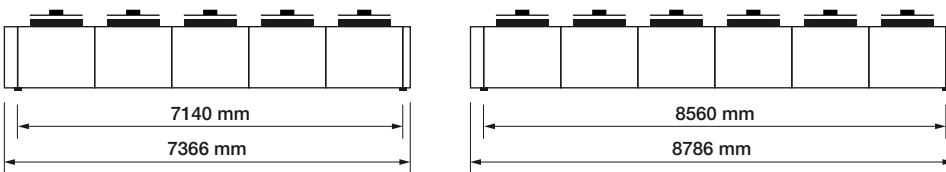
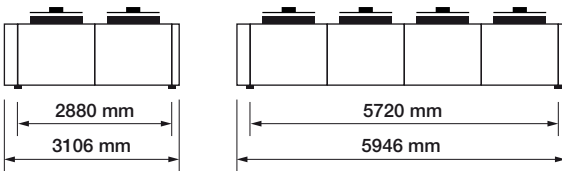
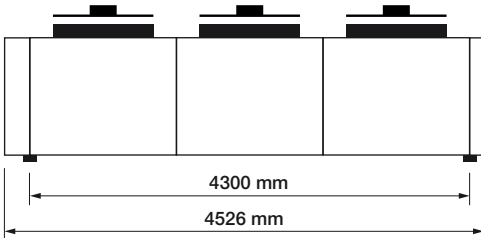
152,8 ÷ 1795,8 kW  
DT 15K CAPACITY

4 ÷ 16  
NUMBER OF FANS



## DIMENSIONS

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



## SELECTION CODE

**OSTRO** | **L** | **W** | **80** | **2.2** | **B** | **4D** | **EC**

**OSTRO** V-type double-row dry cooler  
**L** **not present** = std coil lenght | **L** = L coil lenght  
**W** **W** = dry cooler

**80** fan size Ø 800 mm  
**2.2** number of fans = 2 x 2 = 4  
**B** **A - B - C** = coil type  
**4D** **4** = electric motor poles | **D - Y - S** = motor type  
**EC** electronic motor if present

# 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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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	CONNESSIONI IN / OUT
	kW	m³/h	kPa	m³/h	dB(A)	Nr. x Ø mm	kW	A	m²	kg	
OSTRO W 90-2.2 A 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	716	136,67	84	252450	52	7 x 2	11,62	31,78	1906	2565	4 x DN80
OSTRO W 90-7.2 B 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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	CONNESSIONI IN / OUT
	kW	m³/h	kPa	m³/h	dB(A)	Nr. x Ø mm	kW	A	m²	kg	
OSTRO W 90-2.2 A 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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%



# OSTRO-L W 90



V-type double-row dry cooler

Ø 900 mm

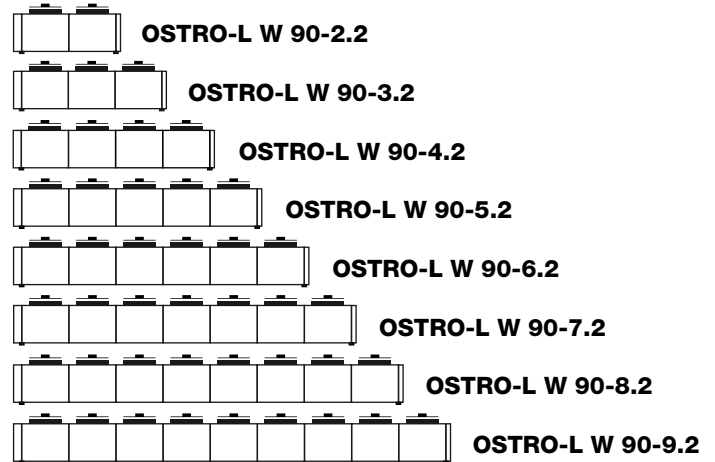
FAN SIZE

153,7 ÷ 2033,1 kW

DT 15K CAPACITY

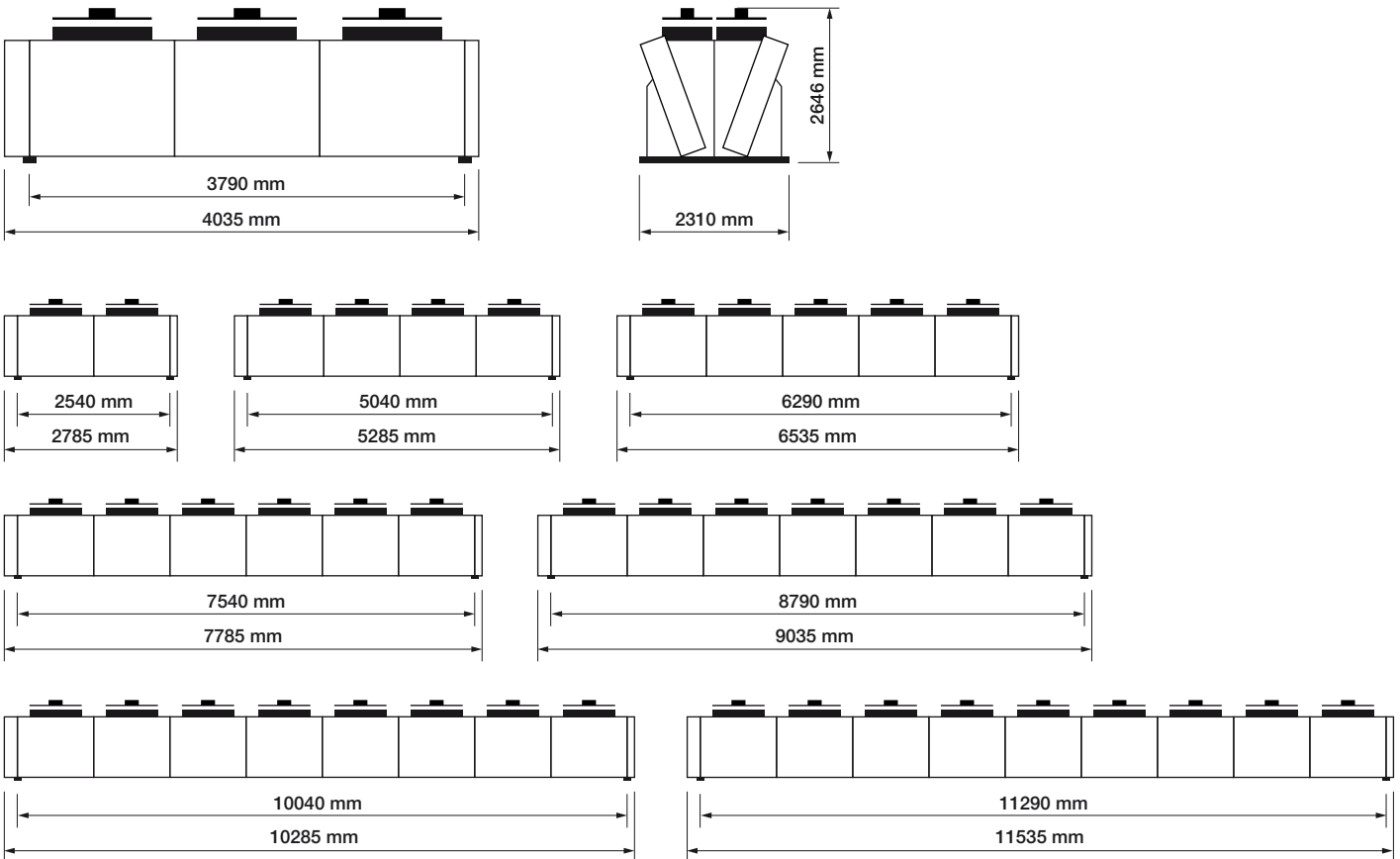
4 ÷ 18

NUMBER OF FANS



## DIMENSIONS

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



## SELECTION CODE

**OSTRO** | **L** | **W** | **80** | **2.2** | **B** | **4D** | **EC**

**OSTRO** V-type double-row dry cooler

**L** **not present** = std coil length | **L** = L coil length

**W** **W** = dry cooler

**80** fan size Ø 800 mm

**2.2** number of fans = 2 x 2 = 4

**B** **A - B - C** = coil type

**4D** **4** = electric motor poles | **D - Y - S** = motor type

**EC** electronic motor if present

# 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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 4 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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%

# 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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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 12 D	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%

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# OSTRO W 100

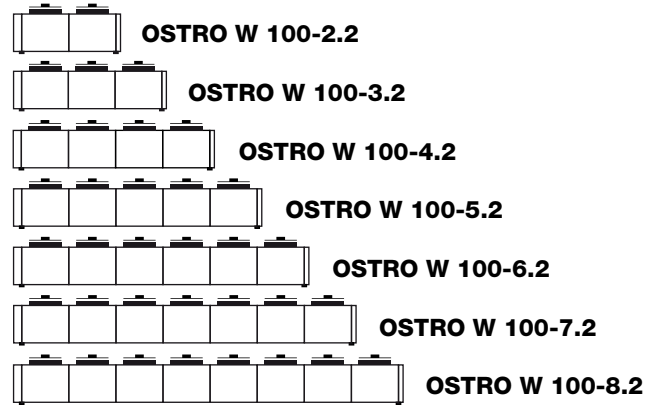
V-type double-row dry cooler



Ø 1000 mm  
FAN SIZE

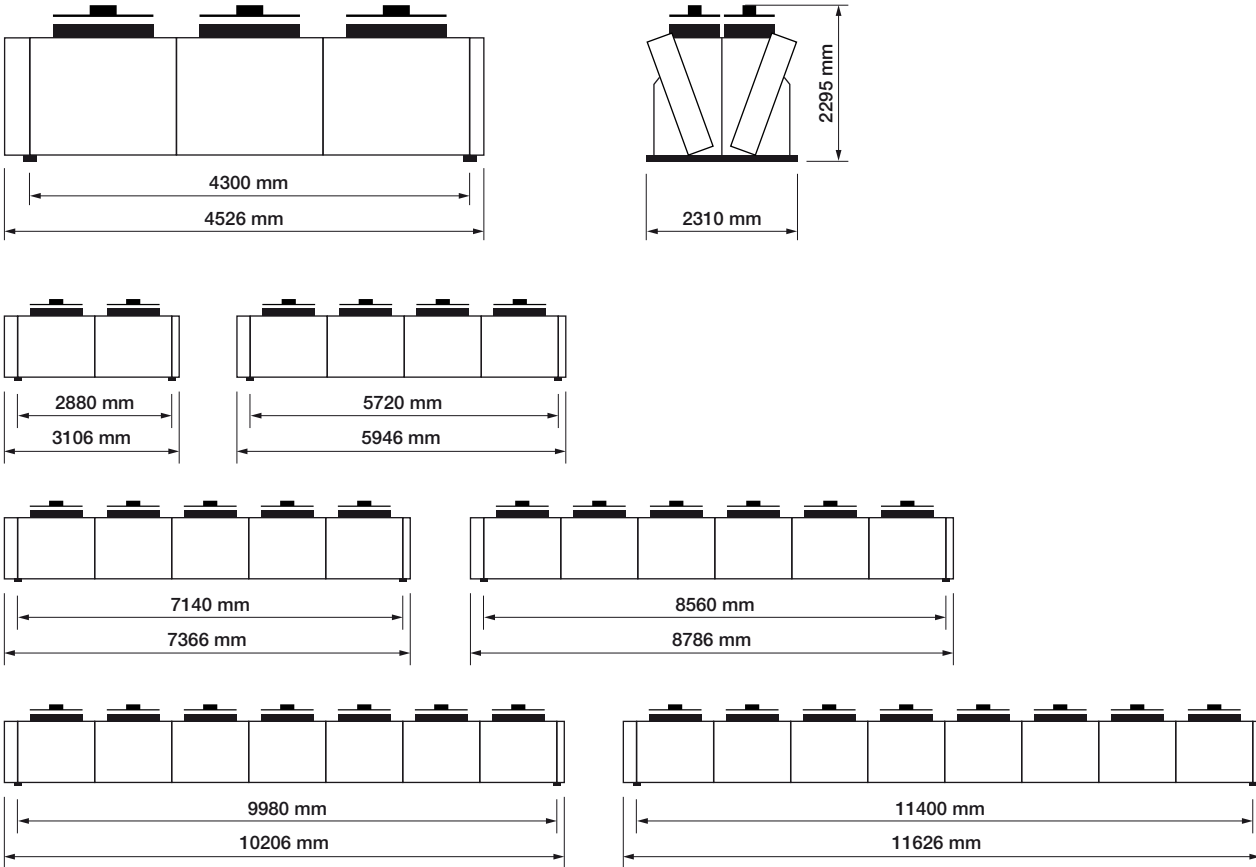
209,6 ÷ 1607,9 kW  
DT 15K CAPACITY

4 ÷ 16  
NUMBER OF FANS



## DIMENSIONS

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



## SELECTION CODE

OSTRO L W 80 2.2 B 4D EC

**OSTRO** V-type double-row dry cooler  
**L** not present = std coil lenght | L = L coil lenght  
**W** W = dry cooler

**80** fan size Ø 800 mm  
**2.2** number of fans = 2 x 2 = 4  
**B** A - B - C = coil type  
**4D** 4 = electric motor poles | D - Y - S = motor type  
**EC** electronic motor if present



# 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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	512	97,72	33	193650	55	5 x 2	9,60	22,80	1361	1851	2 x DN100
OSTRO W 100-5.2 B 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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%

# OSTRO-L W 100



V-type double-row dry cooler

Ø 1000 mm

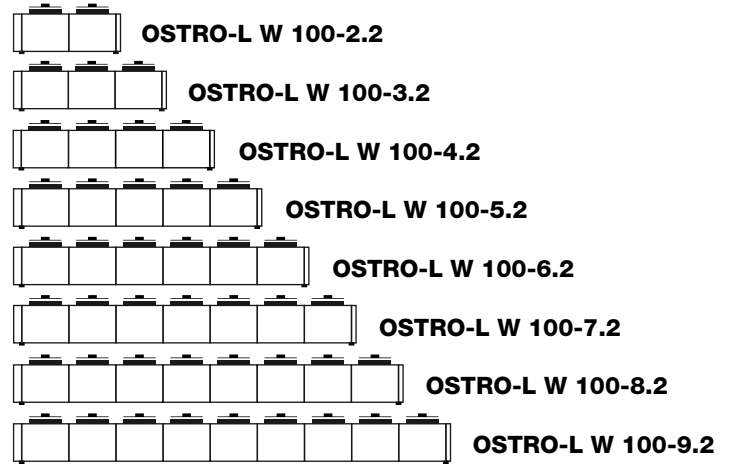
FAN SIZE

211,7 ÷ 1821,6 kW

DT 15K CAPACITY

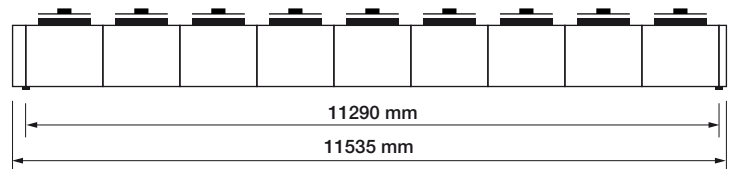
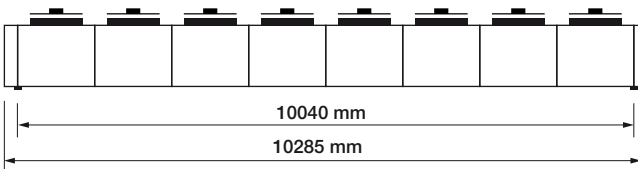
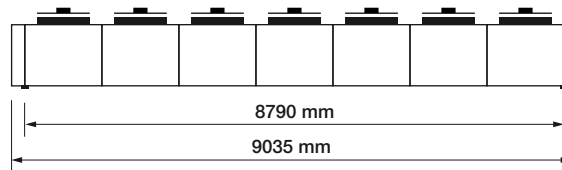
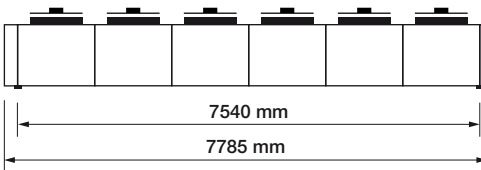
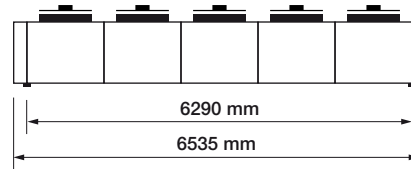
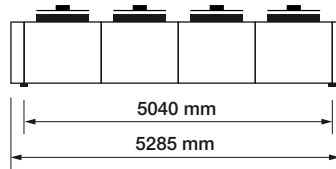
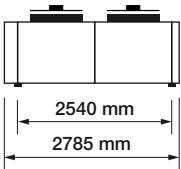
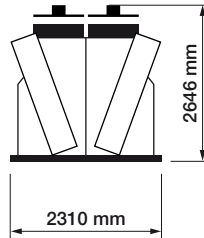
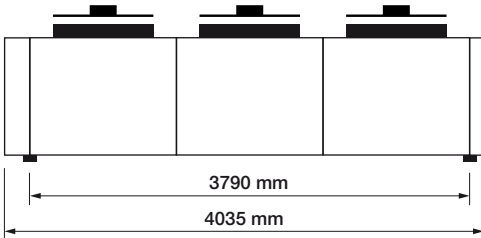
4 ÷ 18

NUMBER OF FANS



## DIMENSIONS

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



## SELECTION CODE

**OSTRO** **L** **W** **80** **2.2** **B** **4D** **EC**

**OSTRO** V-type double-row dry cooler  
**L** **not present** = std coil length | **L** = L coil length  
**W** **W** = dry cooler

**80** fan size Ø 800 mm  
**2.2** number of fans = 2 x 2 = 4  
**B** **A - B - C** = coil type  
**4D** **4** = electric motor poles | **D - Y - S** = motor type  
**EC** electronic motor if present

# 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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 6 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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 8 D	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%

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



V-type double-row dry cooler