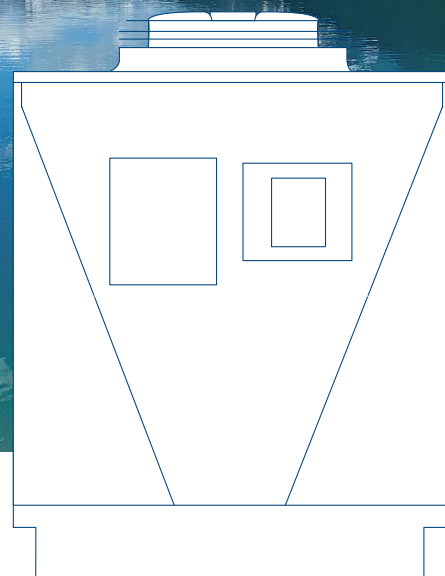




Dry-cooler in circuito chiuso, potenza frigorifera 63 – 920 kW

Closed circuit, dry-cooler, cooling
capacity 63 - 920 kW



Dcooler è un dry-cooler dagli alti contenuti innovativi e un prezzo estremamente competitivo. La struttura della macchina e le sue caratteristiche sono assimilabili a quelle dell'ADcooler con funzionamento a bulbo secco, senza le performance del sistema adiabatico.

Dcooler is a dry-cooler with a highly innovative content and a very competitive price. The structure of the unit and its characteristics are similar to those of the ADcooler with dry bulb operation, without the performance of the adiabatic system.



DIFFERENT SIZES

SELF-DRAINING VERSION

LOW NOISE VERSION



DESIGN CONDITIONS - Dcooler

VERSION	Adjustable set	T Air
Standard	+10/+35°C	+45°C

GCevo

AXevo
AXevo-FC

ADXevo
ADXevo-FC

NAX

TFC

DY-NAX

ADY-NAX

ROSSOBLU

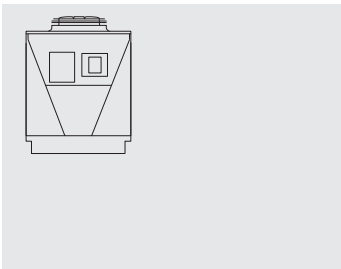
ICETEMP

ADCOOLER

DCOOLER

GRP
Pump/Tank groups

Combined and energy saving systems

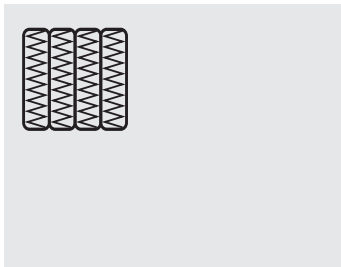


STRUTTURA

La macchina è costruita con materiali non ossidabili per posizionamento all'esterno con pannellature asportabili che ne consentono l'ispezionabilità su tutti i lati.

STRUCTURE

The unit consists of a modular stainless steel structure for outdoor installation with removable panels allowing inspection on all sides.



BATTERIE DI SCAMBIO

Batterie di scambio termico realizzate in rame/alluminio.

HEAT EXCHANGE COILS

Heat exchange coils made of copper/aluminium.

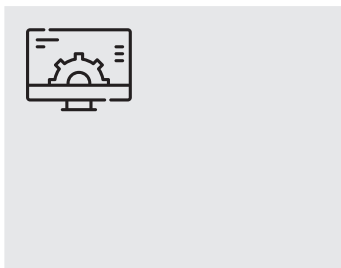


AUTODRENABILITÀ

La speciale configurazione delle batterie di free-cooling permette lo svuotamento automatico delle stesse (funzione auto-drenante, optional) rendendo così possibile l'utilizzo di acqua non glicolata anche in presenza di temperature dell'aria al di sotto degli 0°C.

SELF-DRAINING FUNCTION

The special configuration of the free-cooling coil facilitates automatic emptying (self-draining function, optional) resulting in the possibility to use water with no glycol even when air temperature drops below 0°C.



CONTROLLO

Pannello di controllo a microprocessore.

CONTROL

Microprocessor control panel.



PROCESS WATER CHILLERS



GCevo

AXevo
AXevo-FC

ADXevo
ADXevo-FC

NAX

TFC

DV-NAX

ADY-NAX

ROSSOBLU

ICETEMP

ADCOOLER

DCOOLER

GRP
Pump/Tank groups

Combined and energy
saving systems

Dcooler				DC-S 60		DC-S 120		DC-S 200		DC-S 270		DC-S 350		
				STND	LN	STND	LN	STND	LN	STND	LN	STND	LN	
COOLING SECTION	Potenza di raffreddamento	Cooling capacity	kW ⁽¹⁾	63,0	43,0	125,0	87,0	210,0	139,0	283,0	182,0	363,0	236,0	
			kCal/h ⁽¹⁾	54.180	36.980	107.500	74.820	180.600	119.540	243.380	156.520	312.180	202.960	
			kW ⁽²⁾	86,0	59,0	178,0	123,0	296,0	191,0	402,0	258,0	530,0	271,0	
			kCal/h ⁽²⁾	73.960	50.740	153.080	105.780	254.560	164.260	345.720	221.880	455.800	233.060	
HYDRAULIC SECTION	Portata acqua	Water flow rate	m ³ /h	10,8	7,4	21,5	15,1	36,1	24,1	48,7	31,6	62,4	40,9	
	Caduta pressione	Pressure drop	kPa	26,0	16,0	49,0	27,0	35,0	18,0	29,0	19,0	30,0	33,0	
	Contenuto d'acqua	Water content	lt	40		70		140		300		380		
	Attacchi idraulici	Hydraulic connections	∅	2"		2"1/2		3"		3"		3"		
CONDENSER SECTION	Ventilatori	Fans	nr	1		2		3		4		5		
			∅ mm	910	800	910	800	910	800	910	800	910	800	
			m ³ /h	26.000	16.000	52.000	32.000	76.000	45.000	101.600	60.000	127.000	75.000	
			kW total	2,25	1,20	4,50	2,40	6,75	3,60	9,00	4,80	11,25	6,00	
ELECTRIC SECTION	Corrente max. assorbita	Max. absorbed current	A	5,20	2,20	10,40	4,40	15,60	6,60	20,80	8,80	26,00	11,00	
	Tensione	Voltage	V/Ph/Hz ⁽⁴⁾	400/3/50		400/3/50		400/3/50		400/3/50		400/3/50		
GENERAL DATA	Livello sonoro	Sound level	dB(A) ⁽³⁾	47	39	50	42	52	44	53	45	54	46	
SIZES & WEIGHT	Ingombri	Sizes	mm	A	1.610		1.610		1.610		1.610		1.610	
				B	1.770		2.970		4.170		5.370		6.520	
				C	2.145		2.145		2.145		2.145		2.145	
	Peso netto	Net weight	kg	400		550		950		1.210		1.300		
	Peso in funzione	Full load weight	kg	440		620		1.090		1.510		1.680		

1. Misurata secondo le specifiche Eurochiller:
Aria ambiente +30°C/Acqua in/out +40/35°C

2. Misurata secondo le norme ENV 1048

3. A 10 mt di distanza in campo libero

4. Tensioni diverse quotabili su richiesta

1. According to Eurochiller's specifications:
Ambient air +30°C/Water in/out +40/35°C

2. According to ENV 1048 regulations

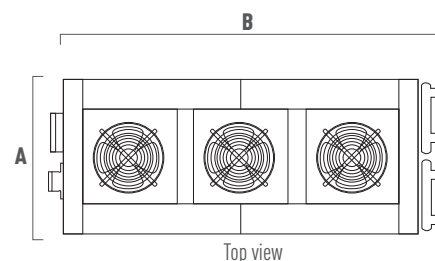
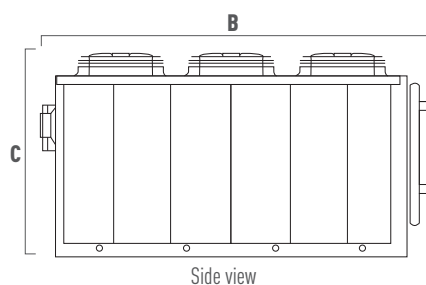
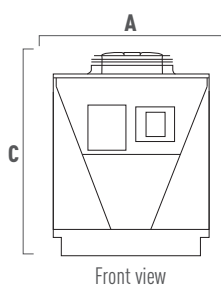
3. At 10 mt distance in free field

4. Different voltages are quoted on demand

PROCESS WATER CHILLERS



DC-S 450		DC-L 250		DC-L400		DC-L 500		DC-L 600		DC-L 720		DC-L 880	
STND	LN	STND	LN	STND	LN	STND	LN	STND	LN	STND	LN	STND	LN
447,0	294,0	265,0	179,0	378,0	258,0	525,0	335,0	647,0	405,0	752,0	477,0	920,0	588,0
384.420	252.840	227.900	153.940	325.080	221.880	451.500	288.100	556.420	348.300	646.720	410.220	791.200	505.680
660,0	395,0	363,0	244,0	523,0	355,0	729,0	458,0	900,0	560,0	1043,0	662,0	1280,0	814,0
567.600	339.700	312.180	209.840	449.780	305.300	626.940	393.880	774.000	481.600	896.980	569.320	1.100.800	700.040
80,5	50,6	45,6	30,9	65,0	44,8	90,3	58,2	111,3	70,2	129,3	82,7	158,2	102,0
29,0	48,0	36,0	19,0	43,0	16,0	47,0	20,0	36,0	17,0	21,0	11,0	35,0	17,0
460		175		290		410		550		720		790	
3"		4"		4"		4"		4"		4"		4"	
6		4		6		8		10		12		14	
910	800	910	800	910	800	910	800	910	800	910	800	910	800
154.000	90.000	90.000	56.000	134.000	84.000	192.000	112.000	250.000	140.000	298.000	168.000	336.000	196.000
13,50	7,20	8,80	4,80	13,20	7,20	17,60	9,60	22,00	12,00	26,40	14,40	30,80	16,80
31,20	13,20	20,80	8,80	31,20	13,20	41,60	17,60	52,00	22,00	62,40	26,40	72,80	30,80
400/3/50		400/3/50		400/3/50		400/3/50		400/3/50		400/3/50		400/3/50	
55	47	53	45	55	47	56	48	57	49	58	50	59	51
1.610		2.380		2.380		2.380		2.380		2.380		2.380	
7.770		3.970		5.205		6.435		8.380		9.900		10.930	
2.145		2.600		2.600		2.600		2.600		2.600		2.600	
1.700		1.200		1.600		2.300		3.100		3.900		4.400	
2.160		1.375		1.890		2.710		3.650		4.620		5.190	

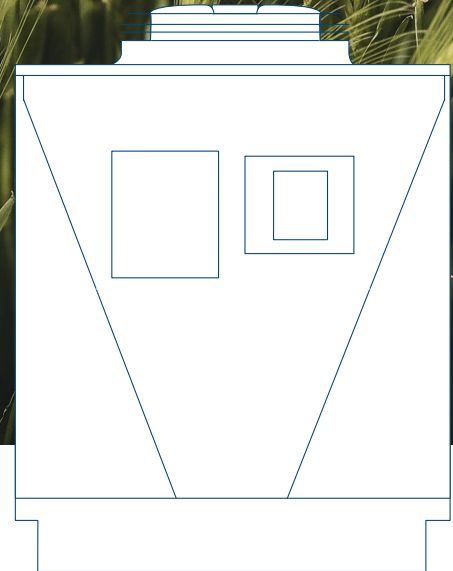


GCevo
 AXevo
 AXevo-FC
 ADXevo
 ADXevo-FC
 MAX
 TFC
 DV-MAX
 ADY-MAX
 ROSSOBLU
 ICETEMP
 ADCOOLER
 DCOOLER
 GRP
 Pump/Tank groups
 Combined and energy saving systems

Dcooler kit

**Kit di condensazione, potenza
frigorifera 63 – 441 kW**

Condensing kit, cooling capacity
63 - 441 kW

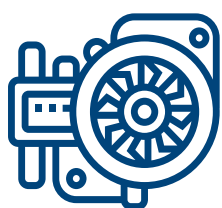


La serie **Dcooler KIT** è stata sviluppata per provvedere al raffreddamento di impianti centralizzati o di applicazioni singole ma estremamente gravose. Tutti i modelli sono equipaggiati con collettori di ingresso/uscita e pompa di circolazione dell'acqua per facilitare l'installazione.

The **Dcooler KIT** line has been designed to cool down single or centralized installations under heavy working conditions. All models are supplied with inlet/outlet collectors and water pump for an easier installation.



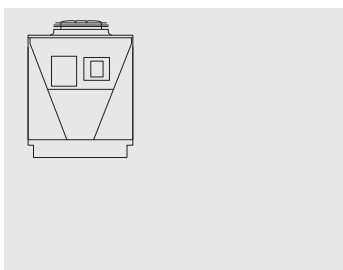
6



DIFFERENT SIZES

INTEGRATED PUMP

DESIGN CONDITIONS - Dcooler KIT		
VERSION	Adjustable set T	Ambient T
Dcooler KIT	+10/+35°C	+45°C

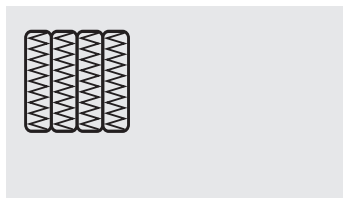


STRUTTURA

La macchina è costruita con materiali non ossidabili per posizionamento all'esterno con pannellature asportabili che ne consentono l'ispezionabilità su tutti i lati.

STRUCTURE

The unit consists of a modular stainless steel structure for outdoor installation with removable panels allowing inspection on all sides.

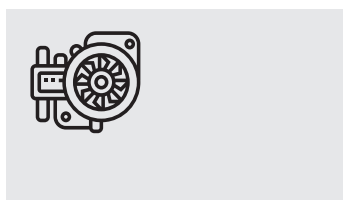


BATTERIE DI SCAMBIO

Realizzate in rame/alluminio.

HEAT EXCHANGE COILS

Made of copper/aluminium.



POMPA

L'unità può essere fornita con una o due pompe (run/stand-by) a bordo. Le pompe sono posizionate all'interno della macchina che è quindi predisposta per un'installazione plug-and-play.

PUMP

The unit is supplied either with single or double pump (run/st-by) on board: these are located inside the machine which is then ready for a plug-and-play installation.



CONTROLLO

Pannello di controllo a microprocessore.

CONTROL

Microprocessor control panel.





BRA+

AIR+

MINI ABF

ABFevo

AMK - Air Mix Kit

OFC KIT

ADcooler KIT

Dcooler KIT

EU-DRYmould

Dcooler kit				60	120	
COOLING SECTION	Potenza di raffreddamento	Cooling capacity	kW ⁽¹⁾	63,0	125,0	
			kCal/h ⁽¹⁾	54.180	107.500	
			kW ⁽²⁾	86,0	178,0	
			kCal/h ⁽²⁾	73.960	153.080	
HYDRAULIC SECTION	Pompa standard	Standard pump	m3/h	2,3	3,0	
			Bar	10,8	21,6	
			kW	2,3	2,6	
	Contenuto d'acqua	Water content	lt	40	70	
Attacchi idraulici	Hydraulic connections	∅	2"	2"1/2		
CONDENSER SECTION	Ventilatori	Fans	nr	1	2	
			∅ mm	910	910	
			m3/h	27.500	55.000	
			kW total	2,00	4,00	
ELECTRIC SECTION	Corrente max. assorbita	Max. absorbed current	A	9,0	14,4	
	Tensione	Voltage	V/Ph/Hz ⁽⁴⁾	400/3/50	400/3/50	
GENERAL DATA	Livello sonoro	Sound level	dB(A) ⁽³⁾	47	50	
SIZES & WEIGHT	Ingombri	Sizes	mm ⁽⁵⁾	A	1.610	1.610
				B	1.770	2.970
				C	2.145	2.145
	Peso netto	Net weight	kg	515	710	
	Peso in funzione	Full load weight	kg	565	796	

1. Misurata secondo le specifiche Eurochiller: ambiente 30°C, acqua in/out 40°C/35°C

2. Misurata secondo le norme ENV 1048 senza l'utilizzo dei moduli adiabatici

3. A 10 mt di distanza in campo libero

4. Tensioni diverse quotabili su richiesta

1. According to Eurochiller's specifications: air 30°C, inlet/outlet water 40°C/35°C

2. According to ENV 1048 regulations without adiabatic pads

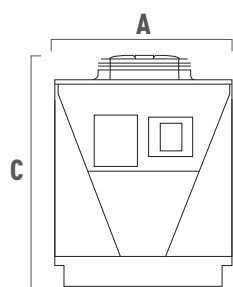
3. At 10 mt distance in free field

4. Different voltages are quoted on demand

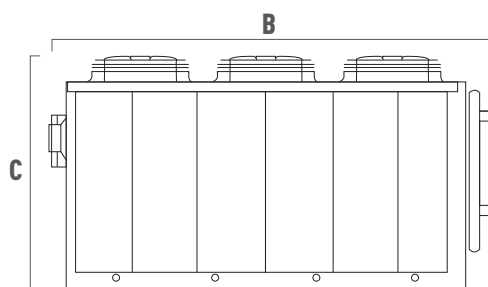
PROCESS AIR CHILLERS



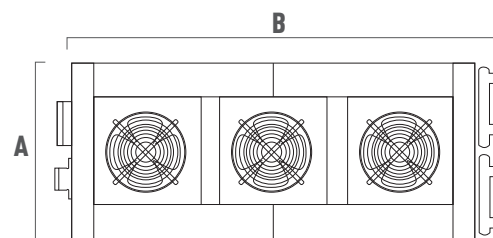
200	270	350	450
210,0	283,0	363,0	441,0
180.600	243.380	312.180	379.260
296,0	402,0	530,0	662,0
254.560	345.720	455.800	569.320
5,5	7,5	9,2	11,0
36,1	48,7	62,4	75,8
3,6	3,5	3,2	3,4
140	300	380	460
3"	3"	3"	3"
3	4	5	6
910	910	910	910
81.000	108.000	135.000	162.000
6,00	8,00	10,00	12,00
23,0	31,1	37,7	45,6
400/3/50	400/3/50	400/3/50	400/3/50
52	53	54	55
1.610	1.610	1.610	1.910
4.170	5.370	6.520	7.770
2.145	2.145	2.145	2.145
1.145	1.490	1.632	2.110
1.307	1.812	2.037	2.605



Front view



Side view



Top view