

# PROCESS WATER CHILLERS

**PRODUCTS COLLECTION**  
2019 EDITION

[www.eurochiller.com](http://www.eurochiller.com)

 **EURO  
CHILLER**<sup>®</sup>  
INTERNATIONAL COOLING







  
34-348 kW

  
AIR  
COOLED

  
WATER  
COOLED

  
SCROLL  
Compressor

  
Version with  
**INTEGRATED  
FREE COOLER**  
also available

**R407C**  
Refrigerant

**R134A**  
Refrigerant



**AXevo-W** AXevo-W  
AXevo-W-BT

 **WATER  
COOLED**

**AXevo**

 **AIR  
COOLED**

**AXevo-A** AXevo-A  
axial fans AXevo-A-BT

**AXevo-C** AXevo-C  
EC Brushless fans AXevo-C-BT

**AXevo-FC**  
with integrated free-cooler

# Caratteristiche principali / Main features / Hauptmerkmale / Caracteristiques generales / Caracteristicas generales

<b>IT</b>	<b>STRUTTURA</b>	In acciaio zincato, verniciata con polvere epossipoliestere
	<b>COMPRESSORE</b>	Scroll ad alto rendimento
	<b>VENTILATORI</b>	Versione "A": assiali Versione "C": EC Brushless Versione "FC": EC Brushless
	<b>CONDENSATORE</b>	Microchannel (a pacco alettato nelle versioni tropicalizzate)
	<b>EVAPORATORE</b>	A fascio tubiero
	<b>SERBATOIO</b>	Acciaio inox
	<b>POMPA</b>	Centrifuga in acciaio inox
	<b>CONTROLLO</b>	Pannello a microprocessore con quadro elettrico IP54. Le versioni FC sono inoltre fornite complete di pannello remoto 7" touch-screen.
	<b>CERTIFICAZIONE</b>	CE - PED
	<b>EXTRA</b>	La serie è conforme alla direttiva EC0design

<b>EN</b>	<b>STRUCTURE</b>	Galvanized steel painted with epoxy-polyester powder
	<b>COMPRESSOR</b>	Highly efficient Scroll compressors
	<b>FANS</b>	"A" version: axial "C" version: EC Brushless "FC" version: EX Brushless
	<b>CONDENSER</b>	Microchannel (finned type for tropical versions)
	<b>EVAPORATOR</b>	Shell & tube type
	<b>TANK</b>	Stainless steel storage tank
	<b>PUMP</b>	Stainless steel centrifugal pumps
	<b>CONTROL</b>	Microprocessor control panel with electric panel manufactured to IP54. FC versions are also equipped with 7" touch screen remote panel.
	<b>CERTIFICATE</b>	CE - PED
	<b>EXTRA</b>	The series complies with the EC0design directive

<b>DE</b>	<b>STRUKTUR</b>	Verzinkte Stahlstruktur mit Epoxydharzlack beschichtet
	<b>KOMPRESSOR</b>	leistungseffiziente Scrollkompressoren
	<b>GEBLÄSE</b>	Version "A": Axial Version "C": EC Brushless Version "FC": EC Brushless
	<b>KONDENSATOR</b>	Kondensatoren mit Microchannel Technik (Lamellen-Kondensatoren für tropischen Versionen)
	<b>VERDAMPFER</b>	Rohrbündelverdampfer
	<b>TANK</b>	Wasserbehälter aus Edelstahl
	<b>PUMPE</b>	Kreiselpumpen aus Edelstahl
	<b>KONTROLLE</b>	Mikroprozessorbedienfeld mit Schaltkasten IP54 ausgeführt. Die FC Versionen werden komplett mit Fernbedienfeld 7" Touch-Screen geliefert.
	<b>ZERTIFIZIERUNG</b>	CE - PED
	<b>EXTRA</b>	Die Serie entspricht der EC0design Richtlinie

<b>FR</b>	<b>STRUCTURE</b>	En acier zingué galvanisé peinte en poudre époxy/polyester
	<b>COMPRESSEUR</b>	Compresseurs Scroll à haute performance
	<b>VENTILATEURS</b>	Version "A": axiale Version "C": EC Brushless Version "FC": EC Brushless
	<b>CONDENSEUR</b>	Condenseurs Microchannel (Condenseurs de type pack à ailettes pour versions tropicalisées)
	<b>ÉVAPORATEUR</b>	Évaporateur à faisceau tubulaire
	<b>RÉSERVOIR</b>	En acier inox
	<b>POMPE</b>	Pompes à eau de type centrifuge, en acier inox
	<b>CONTRÔLE</b>	Panneau de commande à microprocesseur avec armoire électrique en protection IP54. Les versions FC sont livrées complètes avec panneau à distance 7" touch screen
	<b>CERTIFICATIONS</b>	CE - PED
	<b>EXTRAS</b>	La série est conforme à la directive EC0design

<b>ES</b>	<b>ESTRUCTURA</b>	De acero galvanizado pintado con polvo epoxi-poliéster
	<b>COMPRESOR</b>	Scroll de alto rendimiento
	<b>VENTILADORES</b>	Versión "A": axiales Versión "C": EC Brushless Versión "FC": EC Brushless
	<b>CONDENSADOR</b>	Microchannel (de placas para versiones tropicalizadas)
	<b>EVAPORADOR</b>	Tubular
	<b>TANQUE</b>	De acero inoxidable
	<b>BOMBA</b>	De tipo centrifugo, de acero inoxidable
	<b>CONTROL</b>	Panel de mando con microprocesador y cuadro eléctrico IP54. Las versiones FC se suministran completas de panel remoto 7" touch screen
	<b>CERTIFICACIONES</b>	CE - PED
	<b>EXTRAS</b>	La serie cumple con la directiva EC0design

ALLESTIMENTO	A/C/W Pompa + Serbatoio	A-FT/C-FT/W-FT No Pompa - No serbatoio	FC-A Pompa + serbatoio Free-cooler integrato	FC-FT No Pompa - No serbatoio Free-cooler integrato
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VERSIONI	T Acqua	T Ambiente	Gas
Standard	+5/+25°C	+40°C	R407c
T	+5/+25°C	+45°C	R407c
ST	+5/+25°C	+50°C	R134a
BT	-5/+10°C	+40°C	R407c

DESIGN	A/C/W Pump + Tank	A-FT/C-FT/W-FT No Pump - No Tank	FC-A Pump + Tank Integrated free-cooler	FC-FT No Pump - No Tank Integrated free-cooler
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VERSIONS	T Water	T Air	Refrigerant
Standard	+5/+25°C	+40°C	R407c
T	+5/+25°C	+45°C	R407c
ST	+5/+25°C	+50°C	R134a
BT	-5/+10°C	+40°C	R407c

AUSSTATTUNG	A/C/W Pumpe + Tank	A-FT/C-FT/W-FT No Pumpe - No Tank	FC-A Pumpe + Tank Integriertem Freikühler	FC-FT No Pumpe - No Tank Integriertem Freikühler
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VERSIONEN	T Wasser	T Luft	Kühlmittel
Standard	+5/+25°C	+40°C	R407c
T	+5/+25°C	+45°C	R407c
ST	+5/+25°C	+50°C	R134a
BT	-5/+10°C	+40°C	R407c

CONFIGURATION	A/C/W Pompe + Reservoir	A-FT/C-FT/W-FT Sans pompe - Sans reservoir	FC-A Pompe + reservoir Avec free-cooler intégré	FC-FT Sans pompe - Sans reservoir Avec free-cooler intégré
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VERSIONS	T Eau	T Air	Gaz
Standard	+5/+25°C	+40°C	R407c
T	+5/+25°C	+45°C	R407c
ST	+5/+25°C	+50°C	R134a
BT	-5/+10°C	+40°C	R407c

CONFIGURACIÓN	A/C/W Bomba + Tanque	A-FT/C-FT/W-FT Sin bomba - Sin tanque	FC-A Bomba + tanque Con free-cooler integrado	FC-FT Sin bomba - Sin tanque Con free-cooler integrado
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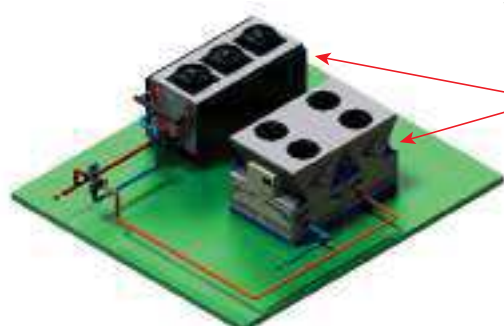
VERSIONES	T Agua	T Aire	Gas
Standard	+5/+25°C	+40°C	R407c
T	+5/+25°C	+45°C	R407c
ST	+5/+25°C	+50°C	R134a
BT	-5/+10°C	+40°C	R407c

## HORIZON

Permette la **supervisione di una rete di macchine EUROCHILLER** (max. 10) come un unico sistema, ottimizzandone il funzionamento, **facendo interagire tutte le unità tra di loro in modo dinamico in funzione delle richieste dell'utenza e delle condizioni ambientali.**

Il sistema è predisposto per il monitoraggio remoto macchine ON-AIR.

It allows the **supervision of a network of EUROCHILLER machines** (max 10) as a single system, optimizing their operation, **letting all the units interact dynamically, according to the user's requirements and to the environmental conditions.**  
The system includes the ON-AIR monitoring control.



### SISTEMA DI SUPERVISIONE UNITÀ HORIZON

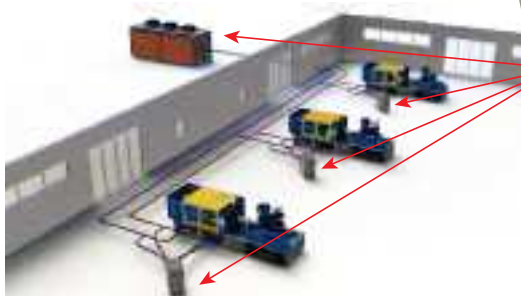
### HORIZON SYSTEM FOR UNITS SUPERVISION



## E-BRAIN control

Permette l'**ottimizzazione della temperatura dell'acqua di condensazione degli IceTemp** (max. 15) in funzione della temperatura ambiente e dei vari set-point impostati per l'acqua di processo, **regolando automaticamente il set-point di ADC/DC** (max. 5) per garantire la massima efficienza degli IceTemp-FC

It allows the **optimization of the condensing water of the IceTemp** (max. 15) according to the ambient temperature and the different set-points of the process water, **automatically adjusting the set-point of the ADC/DC** (max. 5) to grant the best efficiency of the IceTemp-FC.



### SISTEMA DI INTERFACCIAMENTO ICETEMP-FC CON ADC/DC

### SYSTEM FOR ICETEMP-FC AND ADC/DC INTERFACE

# REMOTE CONTROL and SYSTEM MONITORING

## EUROCHILLER ON-AIR

### SISTEMA DI CONTROLLO REMOTO ON-AIR

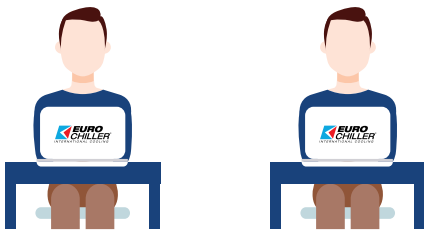
### ON-AIR REMOTE CONTROL SYSTEM



Sistema di monitoraggio remoto dei nostri sistemi di refrigerazione e termoregolazione, che permette:  
Remote control system of our cooling and temperature control units, allowing:



**SUPERVISIONE LOCALE:** Monitoraggio in loco a cura dell'utente finale.  
**LOCAL SUPERVISION:** On site monitoring by the end-user.



**MONITORAGGIO REMOTO:** Controllo in linea del funzionamento dell'unità e dei suoi parametri (a cura EUROCHILLER o centro assistenza autorizzato).  
**REMOTE MONITORING:** On-line control of the operation of the unit and of its parameters (EUROCHILLER or authorized technical service).



**ASSISTENZA REMOTA:** Interazione con l'utente finale in caso di anomalie.  
**REMOTE ASSISTANCE:** Interaction with the end-user in case of malfunctions.

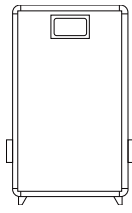


**INTERVENTO IMMEDIATO:** L'assistenza rileva in tempo reale la necessità di intervenire e può quindi reagire con immediatezza.  
**PROMPT INTERVENTION:** The service is notified in real time when intervention is required and may react promptly.



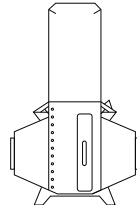
**REPORT TRIMESTRALI:** Report dettagliati delle condizioni di lavoro.  
**QUARTERLY REPORTS:** Detailed reports of operating conditions.

# PROCESS AIR CHILLERS & DEHUMIDIFIERS



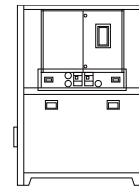
11-19 kW 1000-1500 m<sup>3</sup>/h

**MINI ABF**



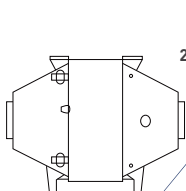
13-94 kW 1000-7500 m<sup>3</sup>/h

**AIR+**



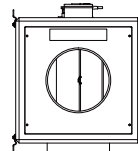
29-230 kW 2000-10000 m<sup>3</sup>/h

**ABFevo**



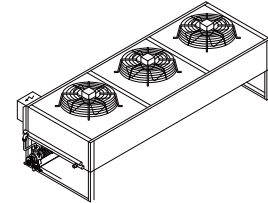
2-169 kW 250-17000 m<sup>3</sup>/h

**BRA+**



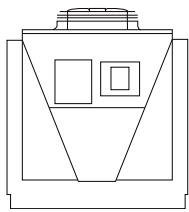
max. 20000 m<sup>3</sup>/h

**AMK**



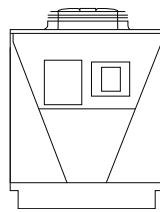
21-200 kW

**OFC KIT**



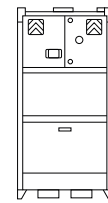
82-1220 kW

**ADcooler KIT**



63-920 kW

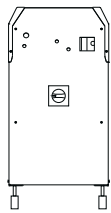
**Dcooler KIT**



400-3000 m<sup>3</sup>/h

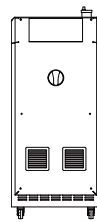
**EU-DRYmould**

# TEMPERATURE CONTROLL UNITS



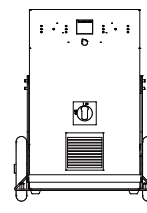
3 - 12 kW

**STARTY**



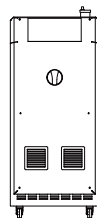
3 - 24 kW

**MAXY**



3 - 24 kW

**3FLOWSevo**



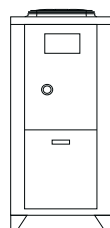
3 - 12 kW

**3FLEX**



3 - 150 kW

**ETO - ETW**



6 - 36 kW 13 - 130 kW

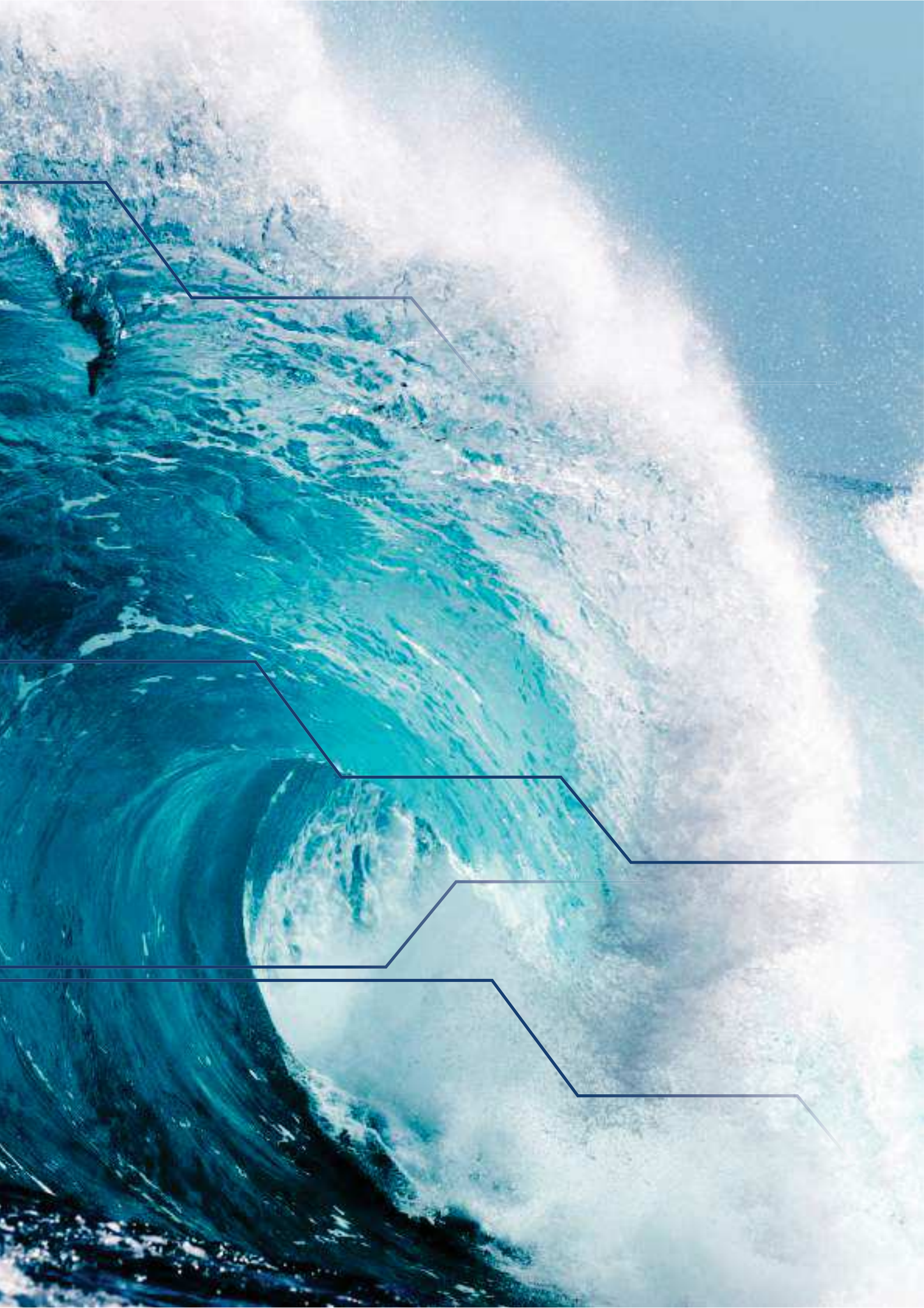
**ROSSOBLU**



3 - 18 kW 4 - 98 kW

**ICETEMP**







# PROCESS WATER CHILLERS

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2019 EDITION

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