

# PROCESS AIR CHILLERS

**PRODUCTS COLLECTION**  
2019 EDITION

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

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





❄️  
11 - 19 kW

🌀  
1.000 - 1.500 m<sup>3</sup>h

🌀  
AIR  
COOLED

💧  
WATER  
COOLED

🌀  
SCROLL  
Compressor

🌀  
R407C  
Refrigerant

**MINI ABF-PA**  
Shell & tube condenser

🌀  
AIR  
COOLED

💧  
WATER  
COOLED

**MINI ABF-PW**  
Shell & tube condenser

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

<b>IT</b>	<b>STRUTTURA</b>	Telaio in alluminio e pannelli in lamiera zincata
	<b>COMPRESSORE</b>	Scroll
	<b>CONDENSATORE</b>	A fascio tubiero ispezionabile
	<b>EVAPORATORE</b>	Evaporatore equipaggiato con alette idrofiliche
	<b>HOT GAS BY-PASS</b>	Permette il controllo in continuo della potenza di raffreddamento garantendo un'elevata precisione della temperatura dell'aria in uscita (+/- 0,5°C)
	<b>CONTROLLO</b>	Pannello a microprocessore con quadro elettrico IP54
	<b>CERTIFICAZIONE</b>	CE - PED
	<b>VERSIONI</b>	<b>T Aria</b> <b>T Condensazione</b>
	PA - Condensato ad aria	+5/+20°C      +35°C
	PW - Condensato ad acqua	+5/+20°C      +10/40°C

<b>FR</b>	<b>STRUCTURE</b>	Cadre en aluminium et panneaux en tôle galvanisée
	<b>COMPRESSEUR</b>	Scroll
	<b>CONDENSEUR</b>	Condenseur à faisceau tubulaire
	<b>EVAPORATEUR</b>	Evaporateur équipé d'ailettes hydrophiles
	<b>HOT GAS BY-PASS</b>	Il permet le contrôle continu de la puissance de refroidissement en garantissant une haute précision de la température de l'air de sortie (+/- 0,5°C)
	<b>CONTRÔLE</b>	Panneau de commande à microprocesseur avec armoire électrique en protection IP54
	<b>CERTIFICATIONS</b>	CE - PED
	<b>VERSIONS</b>	<b>T Air</b> <b>T Condensation</b>
	PA - Condensée par air	+5/+20°C      +35°C
	PW - Condensée par eau	+5/+20°C      +10/40°C

<b>EN</b>	<b>STRUCTURE</b>	Aluminium frame with panels made of galvanized sheet
	<b>COMPRESSOR</b>	Scroll
	<b>CONDENSER</b>	Shell & tube type
	<b>EVAPORATOR</b>	Evaporator with hydrophilic fins
	<b>HOT GAS BY-PASS</b>	It allows the continuous control of the cooling capacity granting a tight accuracy of the outlet air temperature (+/- 0,5°C)
	<b>CONTROL</b>	Microprocessor control panel with electric panel manufactured to IP54
	<b>CERTIFICATE</b>	CE - PED
	<b>VERSIONS</b>	<b>Air T</b> <b>Condensing T</b>
	PA - Air cooled	+5/+20°C      +35°C
	PW - Water cooled	+5/+20°C      +10/40°C

<b>ES</b>	<b>ESTRUCTURA</b>	De aluminio y paneles de chapa galvanizada
	<b>COMPRESOR</b>	Scroll
	<b>CONDENSADOR</b>	Tubular
	<b>EVAPORADOR</b>	Equipado con aletas hidrofílicas
	<b>HOT GAS BY-PASS</b>	Permite el control continuo de la potencia de enfriamiento garantizando una alta precisión de la temperatura del aire de salida (+/- 0,5°C)
	<b>CONTROL</b>	Panel de mando con microprocesador y cuadro eléctrico IP54
	<b>CERTIFICACIONES</b>	CE - PED
	<b>VERSIONES</b>	<b>T Aire</b> <b>T Condensación</b>
	PA - Air cooled	+5/+20°C      +35°C
	PW - Water cooled	+5/+20°C      +10/40°C

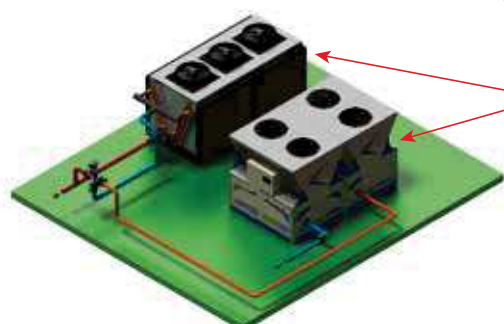
<b>DE</b>	<b>STRUKTUR</b>	Aluminiumrahmen und Paneele aus verzinktem Blech
	<b>KOMPRESSOR</b>	Scroll
	<b>KONDENSATOR</b>	Rohrbündelkondensator
	<b>VERDAMPFER</b>	Verdampferoberfläche mit hydrophilen Lamellen
	<b>HOT GAS BY-PASS</b>	Es ermöglicht die kontinuierliche Kontrolle der Kühlleistung und garantiert eine hohe Präzision der Ablufttemperatur (+/- 0,5°C)
	<b>KONTROLLE</b>	Mikroprozessorbedienfeld mit Schaltkasten IP54 ausgeführt
	<b>ZERTIFIZIERUNG</b>	CE - PED
	<b>VERSIONEN</b>	<b>T Luft</b> <b>T Kondensation</b>
	PA - Luftgekühlt	+5/+20°C      +35°C
	PW - Wassergekühlt	+5/+20°C      +10/40°C

## 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

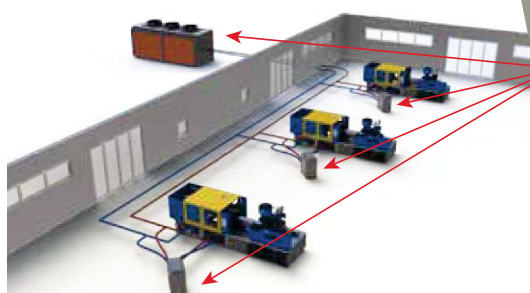
#### HORIZON SYSTEM FOR UNITS SUPERVISION



### 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

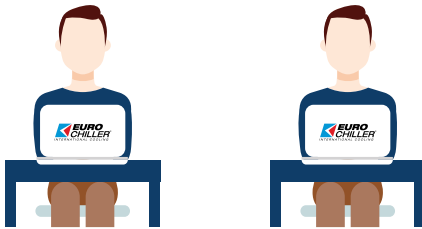
### ON-AIR REMOTE CONTROL SYSTEM



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.



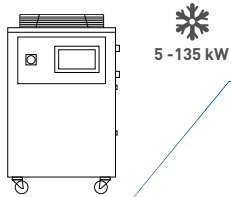
**INTERVENTO IMMEDIATO:** L'assistenza rileva in tempo reale la necessità di intervenire e può quindi reagire con immediatezza.

**PROMPT INTERVENTION:** The service is notified in real time when intervention is required and may react promptly.



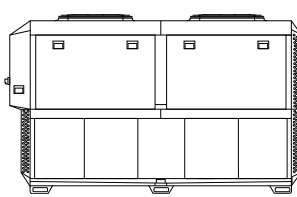
**REPORT TRIMESTRALI:** Report dettagliati delle condizioni di lavoro.  
**QUARTERLY REPORTS:** Detailed reports of operating conditions.

# PROCESS WATER CHILLERS



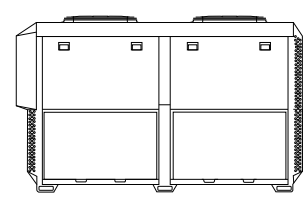
5 - 135 kW

**GC**



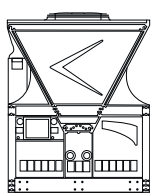
34-348 kW

**AXevo / AXevo-FC**



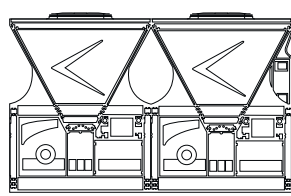
34-348 kW

**ADXevo / ADXevo-FC**



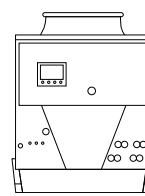
195-1100 kW

**NAX**



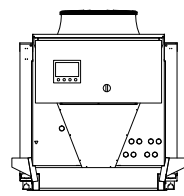
195-714 kW

**TFC**



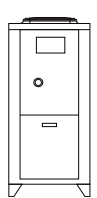
119-714 kW

**DY-NAX**



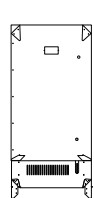
119-714 kW

**ADY-NAX**



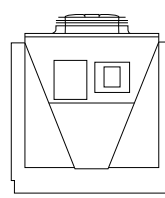
6 - 36 kW 13 - 130 kW

**ROSSOBLU**



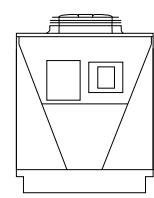
3 - 18 kW 4 - 98 kW

**ICETEMP**



82-1220 kW

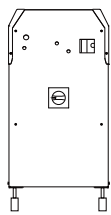
**ADcooler**



63-920 kW

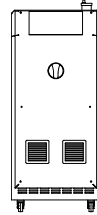
**Dcooler**

# TEMPERATURE CONTROL UNITS



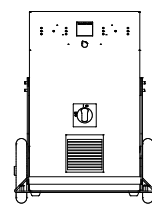
3 - 12 kW

**STARTY**



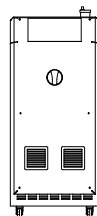
3 - 24 kW

**MAXY**



3 - 24 kW

**3FLOWSevo**



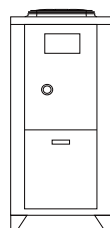
3 - 12 kW

**3FLEX**



3 - 150 kW

**ETO - ETW**



6 - 36 kW 13 - 130 kW

**ROSSOBLU**



3 - 18 kW 4 - 98 kW

**ICETEMP**



# PROCESS AIR CHILLERS

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