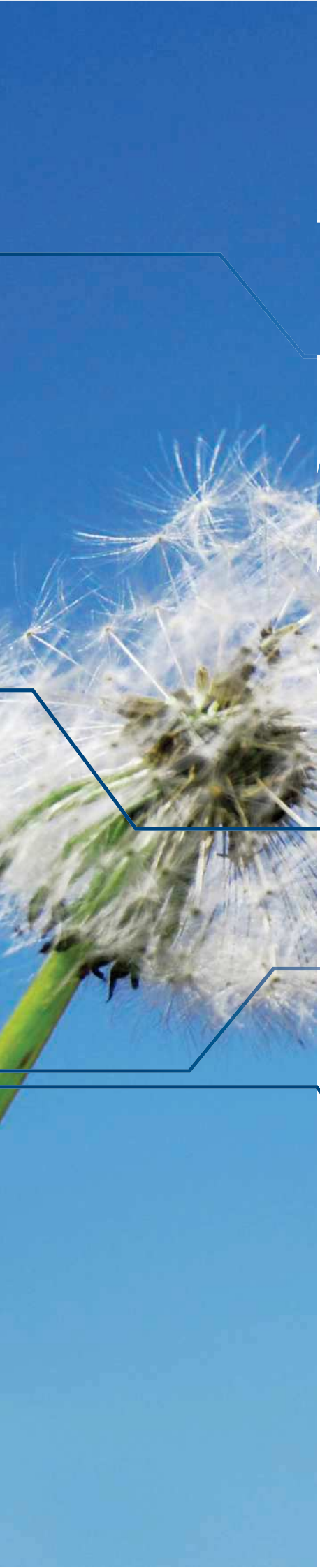


PROCESS AIR CHILLERS

PRODUCTS COLLECTION
2019 EDITION

www.eurochiller.com

EUROCHILLER®
INTERNATIONAL COOLING

PROCESS AIR CHILLERS

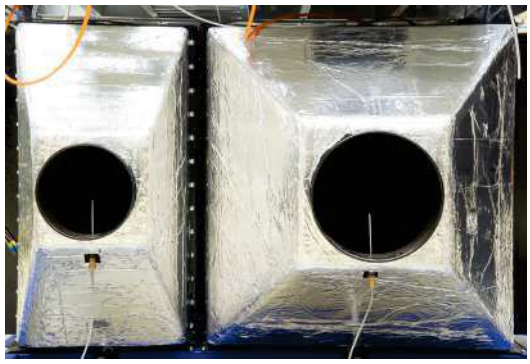
29 - 230 kW

2.000 - 10.000 m³/h

WATER COOLED

SCROLL Compressor

R407C Refrigerant



ABFevo INVERTER
With Inverter control

- ABFevo-UNO INVERTER
  Cooling of bubble
- ABFevo-DUE INVERTER
  Cooling of IBC and RING

ABFevo PW-HG
No Inverter control

- ABFevo-UNO PW-HG
  Cooling of bubble
- ABFevo-DUE PW-HG
  Cooling of IBC and RING

ABFevo PAR INVERTER
With Inverter control and remote gas condenser

- ABFevo-UNO PAR-INVERTER
  Cooling of bubble
- ABFevo-DUE PAR-INVERTER
  Cooling of IBC and RING

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

IT

STRUTTURA	Struttura portante con pannelli in acciaio verniciati con polveri poliestere	
COMPRESSORE	Scroll ad alto rendimento	
CONDENSATORE	A fascio tubiero ispezionabile	
VALVOLA PRESSOSTATICA	Permette il controllo della portata dell'acqua di condensazione in funzione delle condizioni di lavoro	
EVAPORATORE	Evaporatore equipaggiato con alette idrofiliche	
SEPARATORE DI GOCCE	Separatore di gocce con filtro dell'aria incorporato	
HOT GAS BY-PASS	Permette il controllo in continuo della potenza di raffreddamento garantendo un'elevata precisione della temperatura dell'aria in uscita	
CONTROLLO	**Pannello a microprocessore multifunzione con display touch screen 7" a simbologia grafica semplice ed intuitiva e quadro elettrico IP54**	
VANTAGGI	1. **Nuovo controllo ad INVERTER che consente un controllo intelligente della capacità di raffreddamento. L'INVERTER permette un accurato controllo della temperatura dell'aria (+/- 0,1°C) ed una elevata ottimizzazione dei consumi energetici. *** 2. **Free-cooling diretto con AMK (optional) attivato grazie al raffreddamento dell'aria attraverso lo scambio con aria più fredda. La riduzione dei consumi energetici è garantita e tanto più vantaggiosa quanto più a lungo la temperatura dell'aria esterna rimarrà inferiore a quella richiesta per il raffreddamento desiderato.**	
CERTIFICAZIONE	CE - PED	
VERSIONI	**T Aria**	**T Condensazione**
ABFevo	**+5/+20°C**	**+10/40°C**

EN

STRUCTURE	Structure made of steel panels painted with polyester powders	
COMPRESSOR	Highly efficient Scroll compressors	
CONDENSER	Inspectable shell & tube condensers	
PRESSURE VALVE	It adjusts the condensing water flow rate according to the working conditions	
EVAPORATOR	Evaporator with hydrophilic fins	
DROPS SEPRATOR	Drops separator with built-in air filter	
HOT GAS BY-PASS	It allows the continuous control of the cooling capacity granting a tight accuracy of the outlet air temperature	
CONTROL	**Multi-function microprocessor control panel with 7 "touch screen display with simple and intuitive graphic symbols with electric panel manufactured to IP54**	
PLUSES	1. **New INVERTER control allowing an intelligent control of the cooling capacity. The INVERTER allows an accurate control of the air temperature (+/- 0,1°C) and a high optimization of energy consumption. *** 2. **Direct free-cooling with AMK (optional) activated thanks to the cooling of the air through the exchange with colder air. The reduction of the energy consumption is granted and becomes more advantageous, the longer the external air temperature is lower than the one required for the desired cooling.**	
CERTIFICATE	CE - PED	
VERSIONS	**Air T**	**Condensing T**
ABFevo	**+5/+20°C**	**+10/40°C**

DE

STRUKTUR	Geräterahmen mit abnehmbaren Seitenplatten aus Stahl mit Polyesterharz beschichtet	
KOMPRESSOR	Leistungseffiziente Scroll-Kompressoren	
KONDENSATOR	Inspizierbare Rohrbündelkondensatoren	
WASSERREGELVENTIL	zur Regelung der Kondensator Kühlwasserdurchflußmenge entsprechend den Arbeitsbedingungen	
VERDAMPFER	Verdampferoberfläche mit hydrophilen Lamellen	
TROPFENABSCHEIDER	Tropfenabscheider mit integriertem Luftfilter	
HOT GAS BY-PASS	Es ermöglicht die kontinuierliche Kontrolle der Kühlleistung und garantiert eine hohe Präzision der Ablufttemperatur	
KONTROLLE	**Multifunktionelles Mikroprozessor-Bedienfeld mit 7 "Touchscreen-Display mit einfachen und intuitiven grafischen Symbolen mit Schaltkasten IP54 ausgeführt**	
VORTEILE	1. **Eine neue INVERTER-Steuerung ermöglicht eine intelligente Leistungsregelung der Kühlleistung. Der INVERTER ermöglicht eine genaue Lufttemperaturkontrolle (+/-0,1°C) sowie eine hohe Optimierung des Energieverbrauchs. *** 2. **Direkte Freie Kühlung durch AMK (optional) aktiviert durch Abkühlung der angesaugten Luft durch Austausch mit kälterer Luft von außen. Die Reduzierung des Energieverbrauchs ist garantiert und umso höher, je länger die Außenlufttemperatur niedriger ist als der für die Anwendung eingestellte Sollwert.**	
ZERTIFIZIERUNG	CE - PED	
VERSIONEN	**T Luft**	**T Kondensation**
ABFevo	**+5/+20°C**	**+10/40°C**

FR

STRUCTURE	Structure auto-portante avec panneaux en acier peint en poudre époxy/polyester	
COMPRESSEUR	Compresseurs Scroll à haut rendement	
CONDENSEUR	Condenseur à tube démontable	
VANNE PRESSOSTATIQUE	Pour contrôler le débit d'eau de condensation en fonction des conditions de travail	
ÉVAPORATEUR	Evaporateur équipé d'ailettes hydrophiles	
SÉPARATEUR DE GOUTTES	Séparateur de gouttes avec filtre à air intégré	
HOT GAS BY-PASS	Il permet le contrôle continu de la puissance de refroidissement en garantissant une haute précision de la température de l'air de sortie	
CONTRÔLE	**Panneau de commande à microprocesseur multifonction avec écran tactile 7 " et symboles graphiques simples et intuitifs avec armoire électrique en protection IP54**	
AVANTAGES	1. **Nouveau contrôle INVERTER qui permet un contrôle intelligent de la capacité de refroidissement. L'INVERTER permet un contrôle précis de la température de l'air (+/- 0,1°C) et une optimisation de la consommation d'énergie. *** 2. **Free-cooling direct avec AMK (option) activé grâce au refroidissement de l'air par échange avec de l'air plus froid. La réduction de la consommation d'énergie est garantie et sera d'autant plus avantageuse tant que la température de l'air extérieur restera inférieure à celle du refroidissement désiré**	
CERTIFICATIONS	CE - PED	
VERSIONS	**T Air**	**T Condensation**
ABFevo	**+5/+20°C**	**+10/40°C**

ES

ESTRUCTURA	De paneles de acero pintados con polvos de poliéster	
COMPRESOR	Scroll de alta eficiencia	
CONDENSADOR	Tubular inspeccionable	
VÁLVULA PRESOSTÁTICA	Para el control del caudal del agua de condensación de acuerdo con las condiciones de trabajo	
EVAPORADOR	Equipado con aletas hidrofilicas	
SEPARADOR DE GOTAS	Con filtro de aire incluido	
HOT GAS BY-PASS	Permite el control continuo de la potencia de enfriamiento garantizando una alta precisión de la temperatura del aire de salida	
CONTROL	**Panel de control de microprocesador multifunción con pantalla táctil de 7"con símbolos gráficos simples e intuitivos y cuadro eléctrico IP54**	
BENEFICIOS	1. **Nuevo control por INVERTER que permite un control inteligente de la capacidad de enfriamiento. El INVERTER permite un control preciso de la temperatura del aire (+/- 0,1°C) y una alta optimización de los consumos de energía. *** 2. **Free-cooling directo con AMK (opcional) activado por el enfriamiento del aire a través del intercambio con aire más frío. La reducción de los consumos de energía está garantizada y será tanto más ventajosa cuanto más tiempo la temperatura del aire exterior permanezca inferior a la requerida para la refrigeración deseada.**	
CERTIFICACIONES	CE - PED	
VERSIONES	**T Aire**	**T Condensación**
ABFevo	**+5/+20°C**	**+10/40°C**

* Solo versioni Inverter/Only Inverter versions/Nur Versionen mit Inverter/Seulement versions avec Inverter/Solo versiones por Inverter

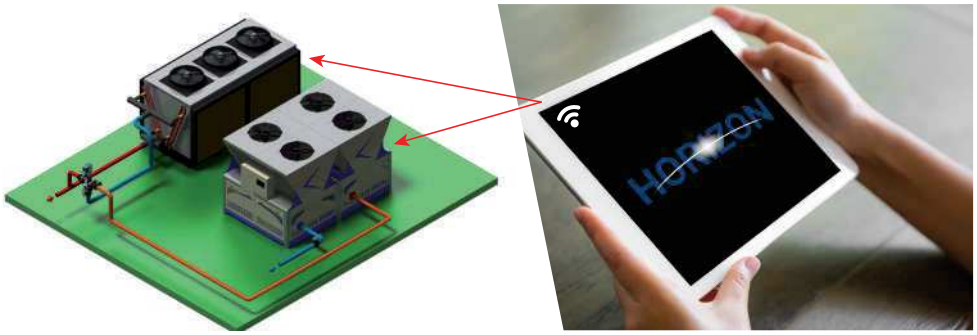
HORIZON

SISTEMA DI SUPERVISIONE UNITÀ HORIZON

HORIZON SYSTEM FOR UNITS SUPERVISION

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.



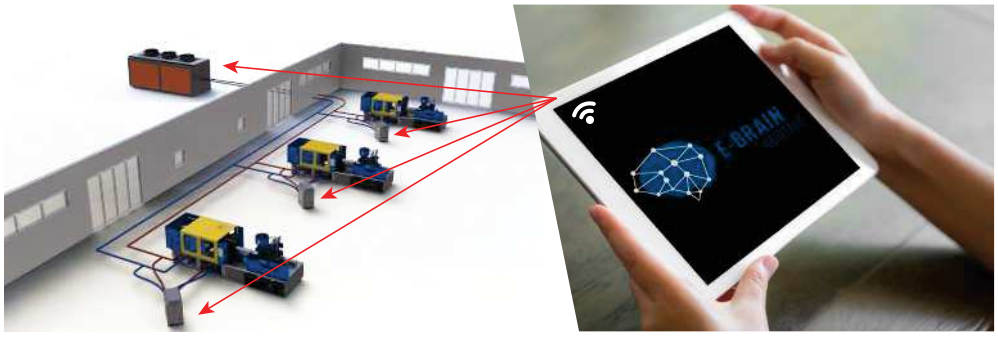
E-BRAIN control

SISTEMA DI INTERFACCIAMENTO ICETEMP-FC CON ADC/DC

SYSTEM FOR ICETEMP-FC AND ADC/DC INTERFACE

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.



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'utilizzatore finale.
LOCAL SUPERVISION: On site monitoring by the end-user.

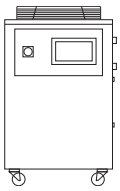
MONITORAGGIO REMOTO: Controllo in linea del funzionamento dell'unità e dei suoi parametri (a cura EUROCHILLER o centro assistenza autorizzato).
REMOTE MONITORING: On-line control of the operation of the unit and of its parameters (EUROCHILLER or authorized technical service).

ASSISTENZA REMOTA: Interazione con l'utilizzatore 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.

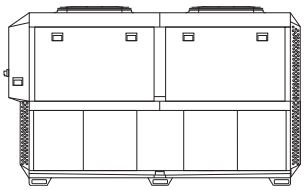
REPORT TRIMESTRALI: Report dettagliati delle condizioni di lavoro.
QUARTERLY REPORTS: Detailed reports of operating conditions.

PROCESS WATER CHILLERS



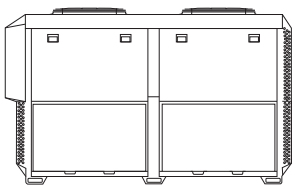
5 -135 kW

GC



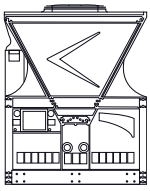
34-348 kW

AXevo / AXevo-FC



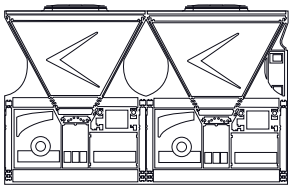
34-348 kW

ADXevo / ADXevo-FC



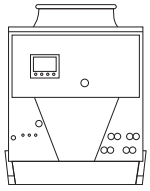
195-1100 kW

NAX



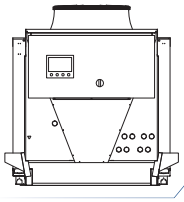
195-714 kW

TFC



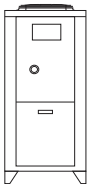
119-714 kW

DY-NAX



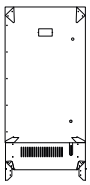
119-714 kW

ADY-NAX



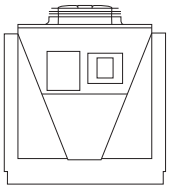
6 - 36 kW 13 - 130 kW

ROSSOBLU



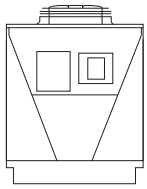
3 - 18 kW 4 - 98 kW

ICETEMP



82-1220 kW

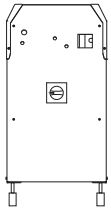
ADcooler



63-920 kW

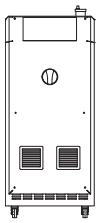
Dcooler

TEMPERATURE CONTROLL UNITS



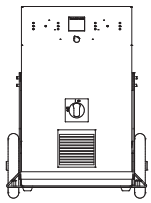
3 - 12 kW

STARTY



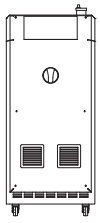
3 - 24 kW

MAXY



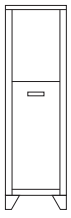
3 - 24 kW

3FLOWSevo



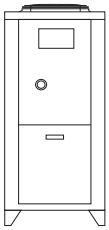
3 - 12 kW

3FLEX



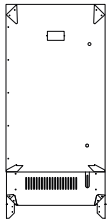
3 - 150 kW

ETO - ETW



6 - 36 kW 13 - 130 kW

ROSSOBLU



3 - 18 kW 4 - 98 kW

ICETEMP

EUROCHILLER®
INTERNATIONAL COOLING

PROCESS AIR CHILLERS

PRODUCTS COLLECTION
2019 EDITION

PRODUCTS COLLECTION PROCESS AIR CHILLERS RELEASE - 001/19 - IT/EN/DE/FR/ES - **Fkdesign**

Eurochiller Srl si riserva il diritto di apportare modifiche ai dati ed alle informazioni indicate senza preavviso. - Eurochiller Srl reserves the right to modify the data and the informations herein quoted without notice. - Eurochiller Srl behält sich das Recht vor, jederzeit die Angaben in diesem Katalog zu ändern. - Les données sont la propriété d'Eurochiller s.r.l. toute utilisation ou détournement sont interdits. Les données peuvent être modifiées sans préavis. - Eurochiller Srl se reserva el derecho de hacer cambios sin preaviso.

EUROCHILLER S.r.l. - Via Milano, 69 - 27030 Castello d'Agogna - PV - Italy
Tel. +39 0384.298985 - Fax +39 0384.298984 - Service +39 0384.298981
enquiry@eurochiller.com - www.eurochiller.com

EUROCHILLERGROUP