

PROCESS AIR CHILLERS

PRODUCTS COLLECTION
2019 EDITION

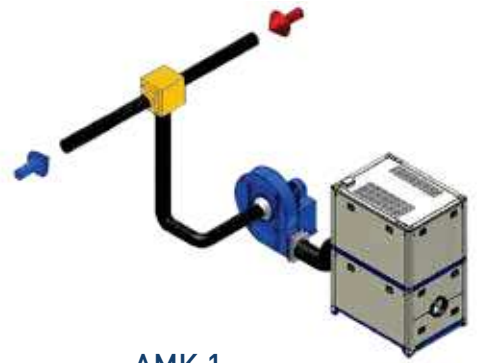
www.eurochiller.com

 **EURO
CHILLER**[®]
INTERNATIONAL COOLING



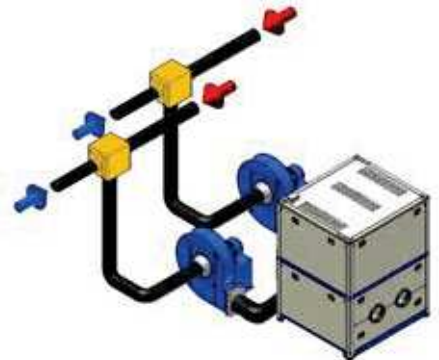


max 20.000 m³/h



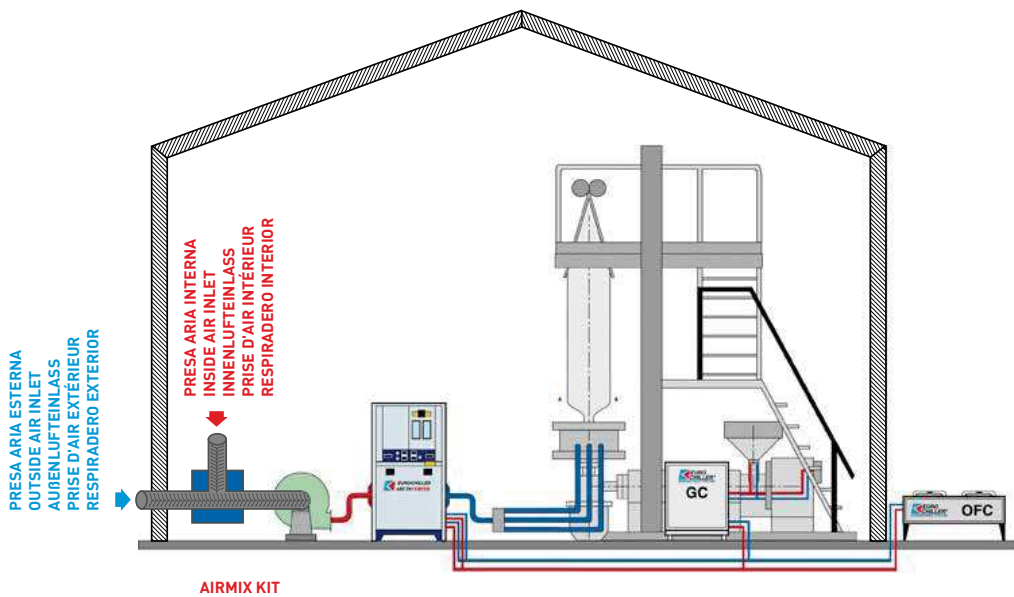
AMK 1

Suitable for ABF from size 10 to 30 Max. air flow rate 3.000 m³/h



AMK 2

Suitable for ABF from size 40 to 200 Max. air flow rate 20.000 m³/h



IT

COME FUNZIONA

AIR MIX KIT sfrutta le condizioni di temperatura dell'aria esterna per usufruire di un'aria miscelata e lavorare senza l'utilizzo di un refrigeratore: in questo modo si attiva la funzione free-cooling e si arrestano automaticamente i compressori, utilizzando una fonte energetica gratuita ma controllata con una precisione molto rigorosa grazie alla tecnologia messa a punto da EUROCHILLER.
La tecnologia di AMK permette quindi di ridurre in maniera considerevole i consumi energetici a tutto vantaggio dei costi.

EN

HOW IT WORKS

The purpose of the AIR MIX KIT function is that of exploiting, whenever this is possible, the temperature of the outside air to take advantage of a mixed air to be able to work without using a chiller: in this way the free-cooling function is activated and the compressors automatically stop, taking advantage of a free energy source but with a very strict control thanks to the technology developed by EUROCHILLER.
AMK's technology therefore allows a considerable reduction in energy consumption to the full advantage of costs.

DE

WIE ES FUNKTIONIERT

Der AIR MIX KIT nutzt die Temperaturbedingungen der Außenluft, um mit einem Luftgemisch ohne Einsatz eines Kühlaggregates, also ohne irgendwelchen Energieaufwand, zu arbeiten: dadurch werden die Freikühl - Funktion aktiviert und automatisch die Kompressoren abgeschaltet. Damit wird eine kostenlose Energiequelle genutzt und dank der Technologie EUROCHILLERs, die Temperatur genauestens geregelt.
Die Technologie von AMK ermöglicht daher eine erhebliche Reduzierung des Energieverbrauchs, um die Kosten voll auszuschöpfen.

FR

COMMENT CELA FONCTIONNE

AIR MIX KIT exploite les conditions de température de l'air extérieur pour bénéficier d'un air mélangé et travailler sans utiliser de refroidisseur : de cette manière la fonction free-cooling s'active et les compresseurs s'arrêtent automatiquement, ce qui permet d'utiliser une source d'énergie gratuite contrôlée avec une grande précision grâce à la technologie développée par EUROCHILLER.
La technologie de l'AMK permet donc de réduire de manière considérable la consommation d'énergie ainsi que les coûts.

ES

COMO FUNCIONA

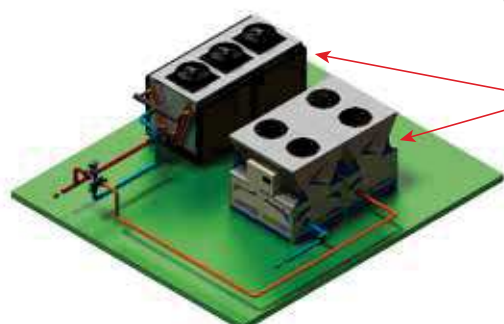
AIR MIX KIT utiliza las condiciones de temperatura del aire exterior para aprovechar de aire mezclado y trabajar sin el uso de un enfriador: así se activa la función free-cooling y los compresores se paran de manera automática, utilizando una fuente de energía gratuita, pero controlada con alta precisión gracias a la tecnología desarrollada por Eurochiller.
La tecnología de AMK permite, por lo tanto, una reducción considerable de los consumos de energía reduciendo al máximo los costes.

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

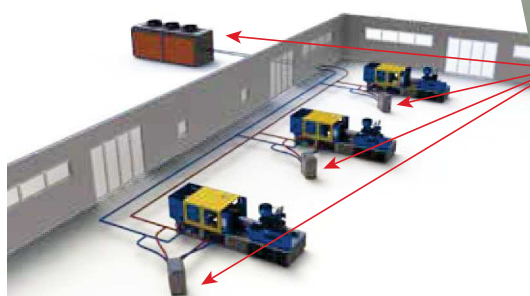
HORIZON SYSTEM FOR UNITS SUPERVISION



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

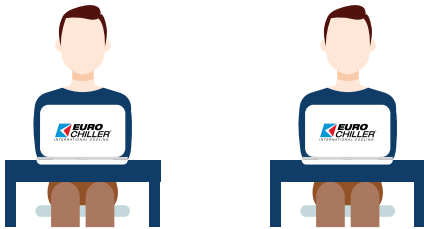
ON-AIR REMOTE CONTROL SYSTEM



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.



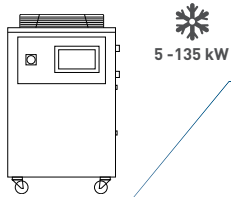
INTERVENTO IMMEDIATO: L'assistenza rileva in tempo reale la necessità di intervenire e può quindi reagire con immediatezza.

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



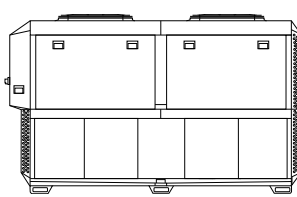
REPORT TRIMESTRALI: Report dettagliati delle condizioni di lavoro.
QUARTERLY REPORTS: Detailed reports of operating conditions.

PROCESS WATER CHILLERS



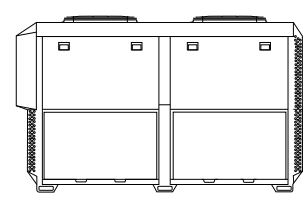
5 - 135 kW

GC



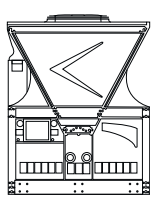
34-348 kW

AXevo / AXevo-FC



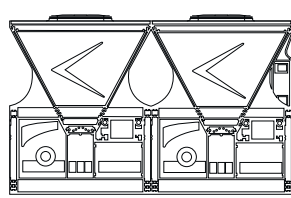
34-348 kW

ADXevo / ADXevo-FC



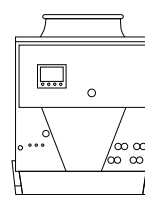
195-1100 kW

NAX



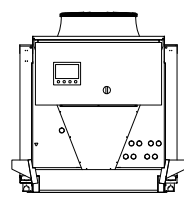
195-714 kW

TFC



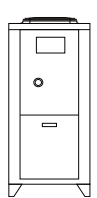
119-714 kW

DY-NAX



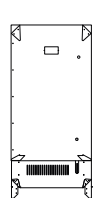
119-714 kW

ADY-NAX



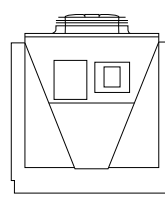
6 - 36 kW 13 - 130 kW

ROSSOBLU



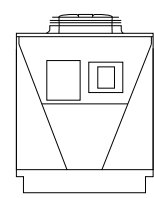
3 - 18 kW 4 - 98 kW

ICETEMP



82-1220 kW

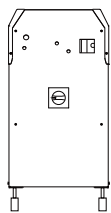
ADcooler



63-920 kW

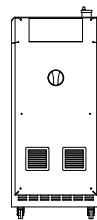
Dcooler

TEMPERATURE CONTROL UNITS



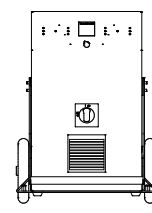
3 - 12 kW

STARTY



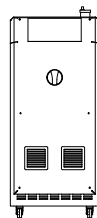
3 - 24 kW

MAXY



3 - 24 kW

3FLOWSevo



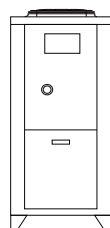
3 - 12 kW

3FLEX



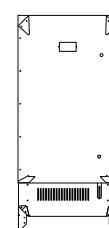
3 - 150 kW

ETO - ETW



6 - 36 kW 13 - 130 kW

ROSSOBLU



3 - 18 kW 4 - 98 kW

ICETEMP



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