



PROCESS AIR CHILLERS

PRODUCTS COLLECTION
2019 EDITION

www.eurochiller.com

 **EURO
CHILLER**[®]
INTERNATIONAL COOLING



ADcooler kit

Dcooler kit

CONDENSING KIT



82 - 1.220 kW



ADIABATIC



ADcooler kit

Cooling capacity
82 - 1220 kW



63 - 920 kW



Dcooler kit

Cooling capacity
63 - 920 kW

IT COME FUNZIONA

La serie Dcooler ed ADcooler * 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.

La serie ADcooler * rispetta le normative Europee anti-legionella.

Dcooler KIT: provvede al raffreddamento dell'acqua che transita all'interno delle batterie mediante circolazione forzata di aria ambiente a temperatura inferiore (free-cooling).

ADcooler KIT: queste macchine sono le naturali sostitute delle torri evaporative, eguagliandone le prestazioni ma eliminando tutti quei problemi di trattamento e consumo acqua, mucillagine e calcare propri delle torri evaporative. L'acqua da raffreddare transita all'interno di batterie in circuito chiuso, mentre l'acqua da evaporare viene fatta scorrere sui moduli adiabatici provocando un brusco abbassamento della temperatura dell'aria ambiente aspirata, senza depositarsi sull'alettatura delle batterie preservandone così l'efficacia.

EN HOW IT WORKS

The Dcooler and ADcooler * KIT Series have 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.

The ADcooler * line complies with the European anti-legionella regulations.

Dcooler KIT: it provides for the cooling of the water flowing into the coils by forced circulation of the ambient air at a lower temperature (free-cooling).

ADcooler KIT: these units are the natural replacement of the evaporative towers, being able to equal their performances but zeroing water consumption and avoiding the formation of mucilage and limestone which are instead typical in the installation of evaporative towers. Water to be cooled flows into the coil in a closed circuit, while the evaporating water flows on adiabatic pads causing a sharp drop in of the temperature of the sucked air, with no deposit on the coil fins which consequently save their efficiency.

DE WIE ES FUNKTIONIERT

Die Gerätebaureihen Dcooler und ADcooler * KIT wurden konzipiert, um Einzel- oder Zentralanlagen unter extremen Industriebedingungen zu kühlen. Alle Modelle werden mit Einlass- /Auslasskollektoren, sowie einer Wasserumwälzpumpe ausgestattet, um die Installation zu erleichtern.

Die ADcooler * Baureihe erfüllt die Europäische Anti-Legionellen-Verordnung.

Dcooler KIT: es sorgt für die Kühlung des durch die Batterien zwangsweise rezirkulierenden Wassers, durch Umgebungsluft mit niedrigerer Temperatur (Freikühlung).

ADcooler KIT: diese Geräte sind der logische Ersatz für Kühltürmen, da sie in der Lage sind, deren Leistungen zu erreichen, jedoch ohne deren typischen Nachteile wie hoher Wasserverbrauch, notwendige Wasserbehandlung, Verschlämzung und Verkalkung. Das zu kühlende Wasser rezirkuliert zwangsweise in einem geschlossenen Kreislauf durch die Batterien, während das Adiabatikwasser zur Verdunstung auf die Adiabatikelemente fließt, wodurch die Ansaugluft einen Temperaturabfall erfährt, ohne dass leistungsschädliche Ablagerung auf den Lamellenbatterien entstehen, was zu einem Effizienzverlust führen würde.

FR COMMENT CELA FONCTIONNE-T-IL ?

La série Dcooler et ADcooler * KIT a été développée pour refroidir les systèmes centralisés ou les applications simples mais extrêmement lourdes. Tous les modèles sont équipés de collecteurs d'entrée / sortie d'eau et d'une pompe de circulation d'eau pour faciliter l'installation.

La série ADcooler * est conforme aux réglementations européennes anti-légionelles.

Dcooler KIT permet le refroidissement de l'eau qui passe à l'intérieur des batteries par circulation forcée de l'air ambiant à basse température (free-cooling).

ADcooler KIT : ces machines sont les substituts naturels des tours d'évaporation, égalisant la performance mais éliminant tous les problèmes de traitement et de consommation d'eau, d'algues et de calcaire, typiques des tours d'évaporation. L'eau à refroidir passe à l'intérieur des batteries en circuit fermé, tandis que l'eau à évaporer est amenée à glisser sur les modules adiabatiques entraînant une baisse soudaine de la température de l'air d'admission, sans dépôt sur les ailettes de la batterie, préservant ainsi l'efficacité.

ES COMO FUNCIONA

La serie Dcooler y ADcooler * KIT ha sido desarrollada para enfriar sistemas centralizados o aplicaciones únicas pero muy complicadas. Todos los modelos están equipados con colectores de entrada/salida y bomba de circulación del agua para facilitar la instalación.

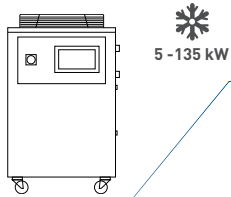
La serie ADcooler* cumple con los requisitos de la normativa europea antilegionella.

Dcooler KIT: permite el enfriamiento del agua que pasa dentro de las baterías mediante circulación forzada del aire ambiente a una temperatura más baja (free-cooling).

ADcooler KIT: estas máquinas son las sustitutas naturales de las torres de evaporación, igualando el rendimiento pero eliminando todos los problemas de tratamiento y consumo de agua, mucilago y caliza que son típicos de las torres de evaporación. El agua a enfriar pasa dentro de las baterías en circuito cerrado, mientras que el agua a evaporar se hace fluir sobre los módulos adiabáticos causando una caída repentina de la temperatura del aire ambiente de aspiración, sin depositarse en las aletas de la batería, preservando así su eficacia.

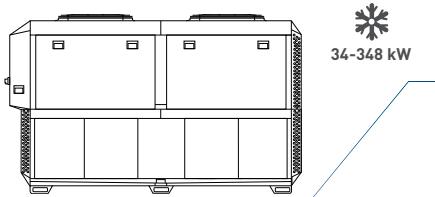
* Sistema brevettato / Patented system / Patentiertes System / Système breveté / Sistema patentado

PROCESS WATER CHILLERS



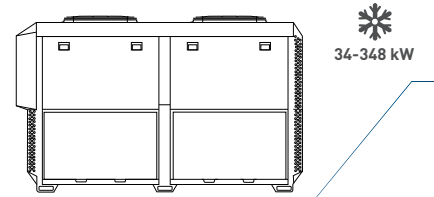
GC

5 - 135 kW



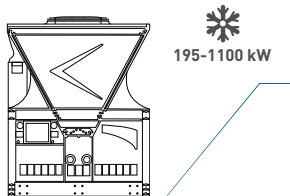
AXevo / AXevo-FC

34-348 kW



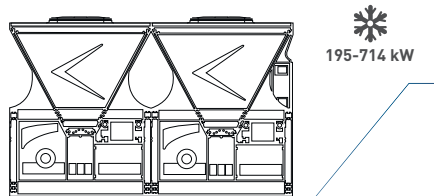
ADXevo / ADXevo-FC

34-348 kW



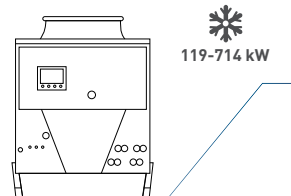
NAX

195-1100 kW



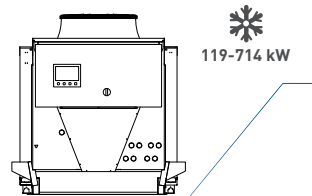
TFC

195-714 kW



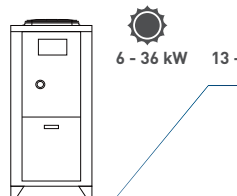
DY-NAX

119-714 kW



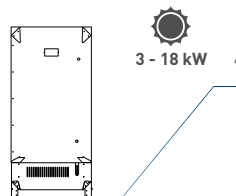
ADY-NAX

119-714 kW



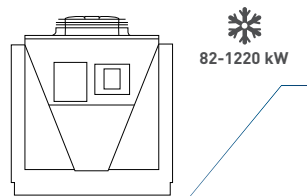
ROSSOBLU

6 - 36 kW 13 - 130 kW



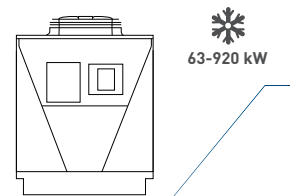
ICETEMP

3 - 18 kW 4 - 98 kW



ADcooler

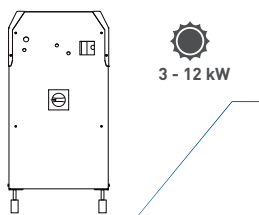
82-1220 kW



Dcooler

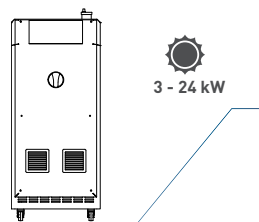
63-920 kW

TEMPERATURE CONTROL UNITS



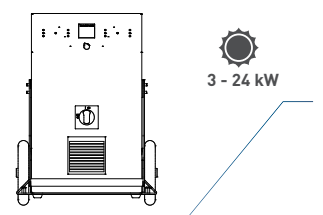
STARTY

3 - 12 kW



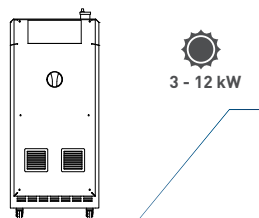
MAXY

3 - 24 kW



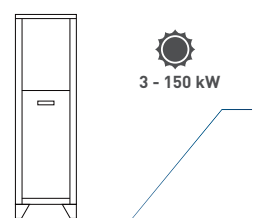
3FLOWSevo

3 - 24 kW



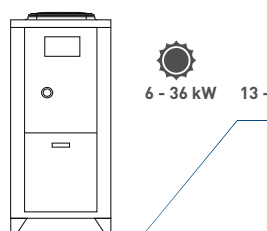
3FLEX

3 - 12 kW



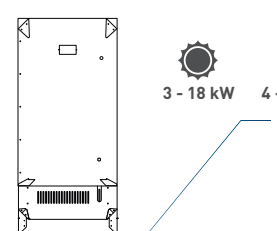
ETO - ETW

3 - 150 kW



ROSSOBLU

6 - 36 kW 13 - 130 kW




ICETEMP

3 - 18 kW 4 - 98 kW



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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**