

Tratament chimic: MIROS NEPLACUT, RACESTE/INCALZESTE GREU AC TIP SPLIT, SISTEME CLIMATIZARE



CHIMIA
INSTALATIEI
TERMICE

Probleme tratate: MIZERIE ORGANICA, PRAF, MICROORGANISME

Materiale: CUPRU / ALUMINIU / PLASTIC

CLEANEX CLIMA AG



Pulverizati spuma pe suprafata
vaporizatorului.(1 kg / 8-10 aparate split)



Lasati sa actioneze cca 10min
dupa care porniti AC sau clatiti

CLEANEX CLIMA PLUS



Preparati o solutie de 5-10%
(cca 0.5kg / 5 litri)



Pulverizati pe condensator si lasati
sa actioneze cca 15 min dupa care
clatiti



Poate fi utilizat si la spalarea
filtrelor unitatilor de tratare aer

Tratament chimic: MIROS NEPLACUT, RACESTE/INCALZESTE GREU

APARATE AER CONDITIONAT TIP SPLIT



CHIMIA
INSTALATIEI
TERMICE

Probleme tratate: MIZERIE ORGANICA, PRAF, MICROORGANISME

Materiale: CUPRU / ALUMINIU / PLASTIC

CLIMA NET



Porniti aparatul de aer conditionat in regim de climatizare si asteptati 3-4 min



Pulverizati spuma pe suprafata vaporizatorului. Nu necesita clatire ulterioara. (1 spray / 4-6 aparate)



Pentru curatarea unitatii exterioare pulverizati CLIMA NET pe condensator

CLIMA SAN



Aparatul de aer conditionat este pornit in regim de climatizare



Pulverizati solutia pe suprafata vaporizatorului. (1 spray / 4-6 aparate)

CLIMA TAB



Puneti pastila in tava de condens (1 tableta / 20 zile ptr 12000BTU)

Tratament chimic: CONSUM RIDICAT, LIPSA APA CALDA, ZGOMOT BOILERE INOX, SCHIMBATOARE IN PLACI INDUSTRIALE



CHIMIA
INSTALATIEI
TERMICE

Probleme tratate: **CALCAR, OXIZI, IMPURITATI MECANICE**

Materiale: **INOX / ALUMINIU**

CHECK SERVICE

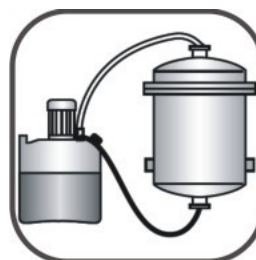


Verificare parametrul fluid

CLEANEX Inox-Al



Solutie 20-25%
(cca 2.5kg / 10l apa)



Recirculare: 30-50 min

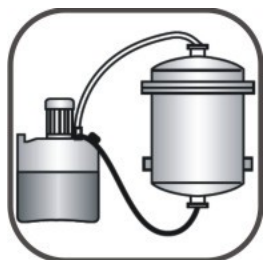


Monitorizare: pH<3

NEUTRALIZER ALCALIN



Solutie 1-4%
(cca 100g / 10l apa)



Recirculare: 5-10 min

APA DEMINERALIZATA



Clatire instalatie pana la pH 6.5-7.5
Incarcare cu apa demineralizata

INSTAL PROTECT



Dozare 1-2%
(cca. 1kg / 100l)

Tratament chimic: CALORIFERE PARTIAL RECI CALORIFERE OTEL/FONTA, INSTALATII TEAVA NEAGRA



CHIMIA
INSTALATIEI
TERMICE

Probleme tratate: MAGNETITA, NAMOL, IMPURITATI MECANICE

Materiale: OTEL / FONTA

CHECK SERVICE

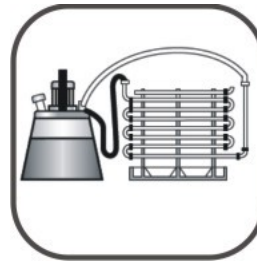


Verificare parametrilor fluid

CLEANEX INSTAL



Solutie 5-15%
(cca 5kg / 100l apa)



Recirculare: 15-20 min
(fiecare circuit/calorifer)

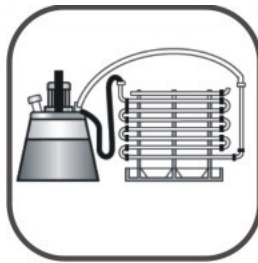


Monitorizare: pH>10

NEUTRALYZER ACID



Solutie 1-4%
(cca 2-3kg / 100l apa)



Recirculare: 5-10 min
(fiecare circuit/calorifer)

APA DEMINERALIZATA



Clatire instalatie pana la pH 6.5-7.5
Incarcare cu apa demineralizata

INSTAL PROTECT



Dozare 1-2%
(cca. 1kg / 100l)

Tratament chimic: ZGOMOT, CALORIFERE PARTIAL RECI CALORIFERE ALUMINIU



CHIMIA
INSTALATIEI
TERMICE

Probleme tratate: **CALCAR, NAMOL, IMPURITATI MECANICE, GAZE**

Materiale: **ALUMINIU / ALIAJE ALUMINIU / CUPRU**

CHECK SERVICE

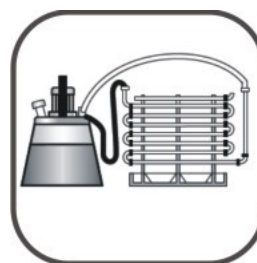


Verificare parametrilor fluid

CLEANEX TOTAL



Soluție 5-15%
(cca 5kg / 100l apă)



Recirculare: 15-20 min
fiecare circuit/calorifer

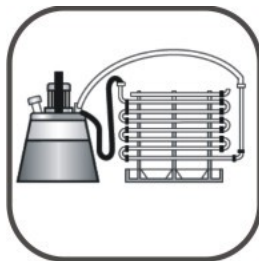


Monitorizare: pH<3

NEUTRALYZER ALCALIN



Soluție 1-4%
(cca 1-2kg / 100l apă)



Recirculare: 5-10 min
(fiecare
circuit/calorifer)

APA DEMINERALIZATA



Clătire instalație
până la pH 6.5-7.5
Încărcare cu
apă demineralizată

INSTAL PROTECT



Dozare 1-2%
(cca. 1kg / 100l)

OXI REDUCT



Pentru calorifere Al
și instalație Cu
Dozare 1-2%
(cca. 1kg/100l)

Tratament chimic: CONSUM RIDICAT, INCALZIRE DEFICITARA CAZANE PE LEMNE



CHIMIA
INSTALATIEI
TERMICE

Probleme tratate: GUDRON

Materiale: OTEL / FONTA

Varianta 1 – depuneri moderate



Pregatiti focul in
in cazan

GUDRONEX



Introduceti 1 doza (<30kW)
Introduceti 2 doze (30-50kW)



**Nu depasiti numarul de doze
recomandate pentru o curatare!**



Inlaturati depunerile
usor cu peria

GUDRONEX



Pentru intretinere, curatati
la fiecare 2 saptamani
(cca 8 doze / sezon rece)

Varianta 2 – depuneri masive

CLEANEX GUDRON



Pulverizati pe toata
suprafata cu depuneri
(lasati sa actioneze 30-
60min)



Pregatiti focul in
in cazan

GUDRONEX PLUS



Introduceti 1 doza (<30kW)
Introduceti 2 doze (30-50kW)



Inlaturati depunerile
usor cu peria

Tratament chimic: CONSUM RIDICAT, LIPSA APA CALDA, ZGOMOT CENTRALE MURALE CONVENTIONALE



CHIMIA
INSTALATIEI
TERMICE

Probleme tratate: **CALCAR, MAGNETITA, IMPURITATI MECANICE**

Materiale: **CUPRU / OTEL / FONTA**

CHECK SERVICE



Verificare parametrii fluid

CLEANEX Fe-Cu PLUS



Solutie 15-20%
(cca 1.25kg / 6-7l apa)



Recirculare: 15-25 min



Monitorizare: pH<3

NEUTRALYZER ALCALIN



Solutie 1-4%
(cca 100g / 6l apa)



Recirculare: 5-10 min

APA DEMINERALIZATA



Clatire instalatie pana la pH 6.5-7.5
Incarcare cu apa demineralizata

INSTAL PROTECT



Dozare 1-2%
(cca. 1kg / 100l)

Tratament chimic: CONSUM RIDICAT, LIPSA APA CALDA, ZGOMOT CENTRALE MURALE IN CONDENSARE, SCHIMBATOARE IN PLACI



CHIMIA
INSTALATIEI
TERMICE

Probleme tratate: **CALCAR, OXIZI, IMPURITATI MECANICE**

Materiale: **INOX / ALUMINIU**

CHECK SERVICE

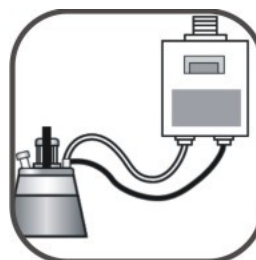


Verificare parametrul fluid

CLEANEX Inox-AI PLUS



Solutie 15-20%
(cca 1.5kg / 6-7l apa)



Recirculare: 15-25 min



Monitorizare: pH<3

NEUTRALYZER ALCALIN



Solutie 1-4%
(cca 100g / 6l apa)



Recirculare: 5-10 min

APA DEMINERALIZATA



Clatire instalatie pana la pH 6.5-7.5
Incarcare cu apa demineralizata

INSTAL PROTECT



Dozare 1-2%
(cca. 1kg / 100l)

Tratament chimic DEPUNERI MIXTE: CALORIFERE RECI CALORIFERE OTEL/FONTA, INSTALATII TEAVA NEAGRA



CHIMIA
INSTALATIEI
TERMICE

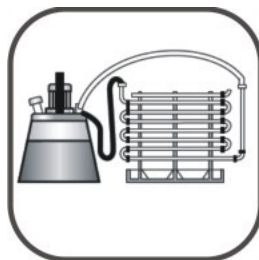
Probleme tratate: **MAGNETITA, NAMOL, CALCAR, MPURITATI MECANICE**

Materiale: OTEL / FONTA

CLEANEX INSTAL



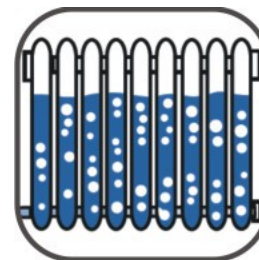
Solutie 5-15%
(cca 5kg / 100l apa)



Recirculare: 10-15 min
fiecare calorifer/circuit



Monitorizare: pH>10



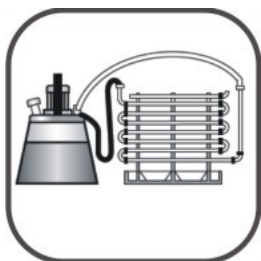
Golire solutie uzata
incarcare cu apa,
clatire pana la pH <9

CLEANEX TOTAL



Solutie 5-15%
(cca 5kg / 100l apa)

NEUTRALYZER ALCALIN



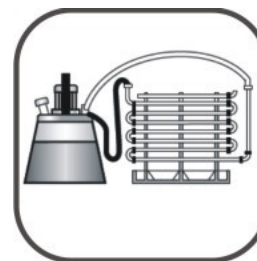
Recirculare: 10-15 min
fiecare calorifer/circuit



Monitorizare: pH<5



Golire solutie uzata,
incarcare cu solutie 1-4%
(cca 2kg / 100l apa)



Recirculare: 3-5 min
fiecare calorifer/circuit



Monitorizare:
pH 6.5 – 7.5

Tratament chimic: CONSUM RIDICAT, ZGOMOT, AVARII REPETATE EXTERIOR SCHIMBATOARE CENTRALE MURALE IN CONDENSARE



CHIMIA
INSTALATIEI
TERMICE

Probleme tratate: OXIZI

Materiale: ALUMINIU

CLEANEX OXI A



Pulverizati si lasati sa
actioneze 5-15min

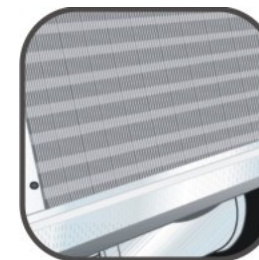


Clatiti cu apa
din abundenta

CLEANEX OXI B



Pulverizati si lasati sa
actioneze 2-5min



Clatiti cu apa
din abundenta

Materiale: INOX

CLEANEX OXI B



Pulverizati si lasati sa
actioneze 5-15min

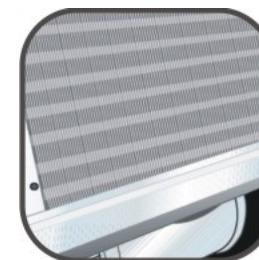


Clatiti cu apa
din abundenta

CLEANEX OXI A



Pulverizati si lasati sa
actioneze 2-5min



Clatiti cu apa
din abundenta

Tratament chimic: DEBIT REDUS PRIN CIRCUITE, ZONE RECI INSTALATII INCALZIRE IN PARDOSEALA



CHIMIA
INSTALATIEI
TERMICE

Probleme tratate: NAMOL, SARURI, MICRO-ORGANISME,

Materiale: ALIAJE CUPRU / PEX

CHECK SERVICE

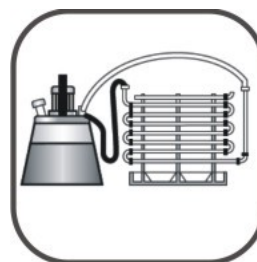


Verificare parametrului fluid

CLEANEX TOTAL



Soluție 5-15%
(cca 5kg / 100l apă)



Recirculare: 15-20 min
fiecare circuit

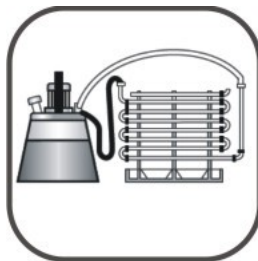


Monitorizare: pH<3

NEUTRALYZER ALCALIN



Soluție 1-4%
(cca 1-2kg / 100l apă)



Recirculare: 5-10 min
(fiecare circuit)

APA DEMINERALIZATA



Clătire instalație până la pH 6.5-7.5
Încărcare cu apă demineralizată

BIO REDUCT



Dozare 1-2%
(cca. 1kg / 100l)

Tratament magneto-chimic: INCALZIRE DEFICITARA

INSTALATII DE INCALZIRE



CHIMIA
INSTALATIEI
TERMICE

Probleme tratate: MAGNETITA, NAMOL, IMPURITATI MECANICE

Materiale: OTEL / CUPRU / ALUMINIU / PEX

**Recomandat
PIF / VTU**

CHECK SERVICE



Verificare parametrul fluid

MAGNA CLEAN



Instalare filtru pe returul
instalatiei de incalzire

CLEANEX INSTAL PLUS



1 cartus la max 100 l apa
(cca. 10 calorifere)



Instalatia este lasata in
functie 1-2 saptamani

APA DEMINERALIZATA



Este golita instalatia si
curatat filtrul magnetic



Clatire instalatie pana la pH 6.5-7.5
Incarcare cu apa demineralizata

INSTAL PROTECT PLUS



1 cartus la max 100 l apa
(cca. 10 calorifere)
Asigura protectie 1-2 ani

Tratament chimic: LIPSA CIRCULATIE, SUPRAINCALZIRE REPETATA

PANOURI SOLARE



CHIMIA
INSTALATIEI
TERMICE

Probleme tratate: ANTIGEL DEGRADAT, DEPUNERI ORGANICE, PRAF

Materiale: CUPRU / ALUMINIU / STICLA

CHECK SERVICE

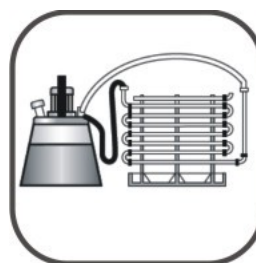


Verificare parametrilor fluid

CLEANEX SOLAR



Solutie 20-50%
(cca 5kg / 10l apa)



Recirculare: 30-50 min

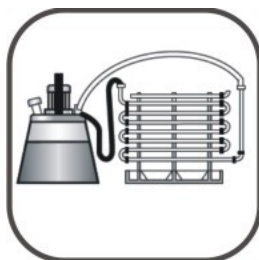


Monitorizare: pH<5

NEUTRALYZER ALCALIN



Solutie 1-4%
(cca 150g / 10l apa)



Recirculare: 5-10 min



Clatire instalatie
pana la pH 6.5-7.5

SOLAR PROTECT S45



Incarcati instalatia
Asigura protectia
la -28°C
(nu se dilueaza)

CLEANEX PANSOL



Pulverizati o solutie de 15
30% pe suprafata
panourilor. Dupa 5-10 min
clatiti cu apa abundent.

Tratament chimic: RISC DE INGHEȚ

INSTALATII TERMICE



CHIMIA
INSTALATIEI
TERMICE

Probleme tratate: INGHEȚ

Materiale: CUPRU, OTEL, FONTA, INOX, ALUMINIU, PLASTIC

INSTALATII CONVENTIONALE INCALZIRE / RACIRE

TERMO PROTECT



- ✓ Protejeaza pana la -44°C (1:1 -36°C)
- ✓ Potrivit pentru instalatii rezidentiale

SISTEME SOLARE

SOLAR PROTECT S45



- ✓ Protejeaza pana la -28°C (1:1 -11°C)
- ✓ Potrivit pentru instalatii solare

PREPARARE APA CALDA

GLICOGEL ECO



- ✓ Protejeaza pana la -44°C (1:1 -40°C)
- ✓ Non-toxic, pentru circuite sanitare

INSTALATII INDUSTRIALE

GLICOGEL



- ✓ Protejeaza pana la -45°C (1:1 -33°C)
- ✓ Potrivit pentru instalatii industriale

CENTRALE CONDENSARE INCALZIRE PARDOSEALA

CONDENS PROTECT



- ✓ Protejeaza pana la -10°C
- ✓ Pachet extins de aditivi si inhibitori

POMPE DE CALDURA

GEO PROTECT G25



- ✓ Protejeaza pana la -15°C (1:1 -5°C)
- ✓ Potrivit pentru pompe de caldura

Tratament chimic: CONSUM RIDICAT, LIPSA APA CALDA, ZGOMOT CENTRALE DE PARDOSEALA, BOILERE OTEL EMAILAT



CHIMIA
INSTALATIEI
TERMICE

Probleme tratate: **CALCAR, MAGNETITA, IMPURITATI MECANICE**

Materiale: **CUPRU / OTEL / FONTA**

CHECK SERVICE

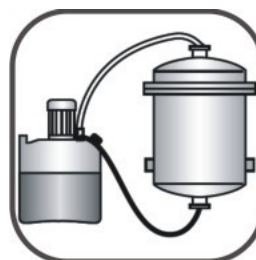


Verificare parametrul fluid

CLEANEX Fe-Cu



Solutie 20-25%
(cca 2.5kg / 10l apa)



Recirculare: 30-50 min

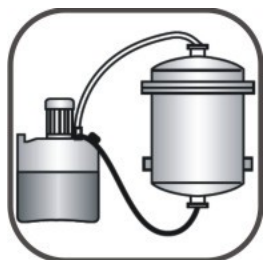


Monitorizare: pH<3

NEUTRALIZER ALCALIN



Solutie 1-4%
(cca 100g / 10l apa)



Recirculare: 5-10 min

APA DEMINERALIZATA



Clatire instalatie pana la pH 6.5-7.5
Incarcare cu apa demineralizata

INSTAL PROTECT



Dozare 1-2%
(cca. 1kg / 100l)

Tratament chimic: CALORIFERE RUGINITE, PARTIAL RECI CALORIFERE OTEL/FONTA, INSTALATII SANITARE, TEAVA NEAGRA



CHIMIA
INSTALATIEI
TERMICE

Probleme tratate: RUGINA, CALCAR, NAMOL

Materiale: OTEL / FONTA

CHECK SERVICE

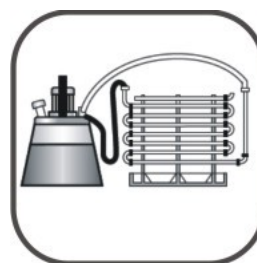


Verificare parametrilor fluid

CLEANEX RAD PLUS



Solutie 20-30%
(cca 20kg / 100l apa)



Recirculare: 20-30 min fiecare
circuit/calorifer (poate fi recirculata
si in sistem functional 2-3 zile)

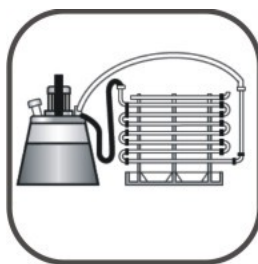


Monitorizare: pH<5

NEUTRALYZER ALCALIN



Solutie 1-4%
(cca 1-2kg / 100l apa)



Recirculare: 5-10 min
(fiecare circuit/calorifer)

APA DEMINERALIZATA



Clatire instalatie pana la pH 6.5-7.5
Incarcare cu apa demineralizata

INSTAL PROTECT



Dozare 1-2%
(cca. 1kg / 100l)