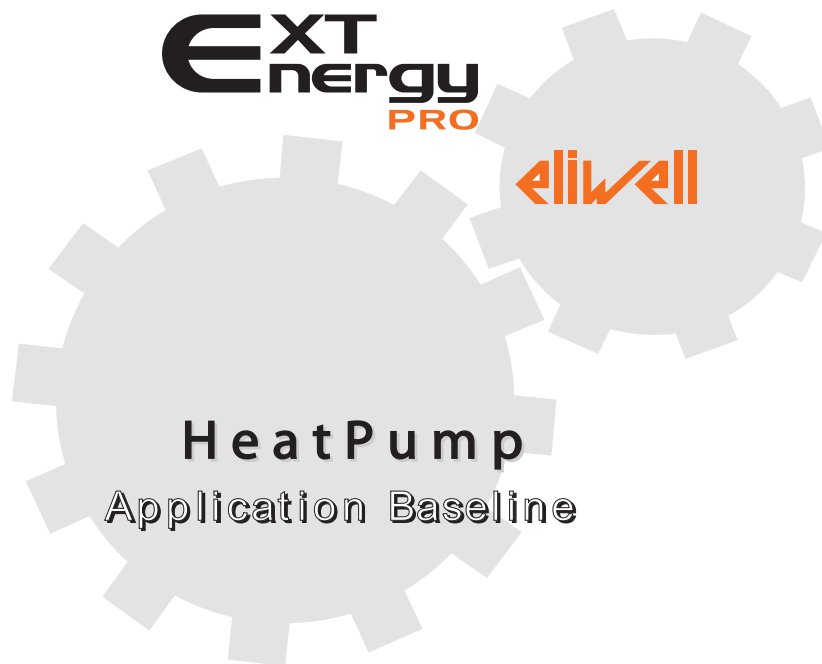




EXTPRO Heat Pump *Application* BaseLine *QuickStart*



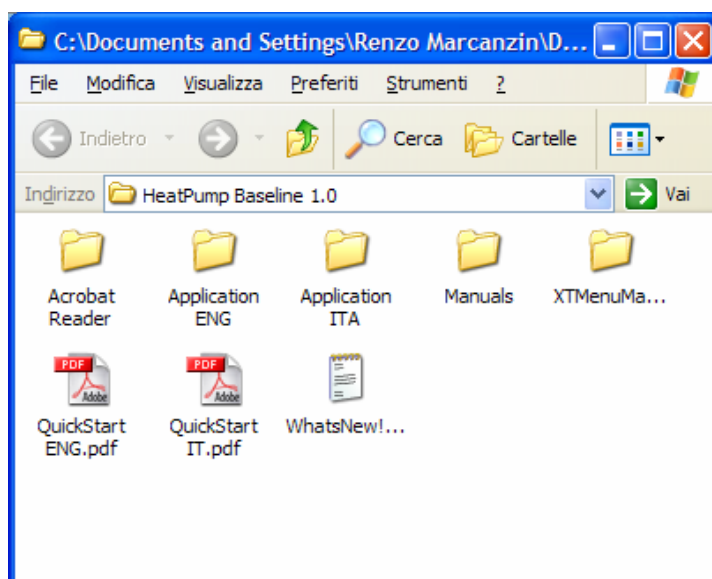
CONTENTS

1	CDROM Chiller BaseLine Contents	3
1.1	CDROM HeatPump baseLine - Contentsts	3
2	Installation of BaseLine Applications	4
3	Installation of Function Blocks	6
4	Compiling of Function Blocks	10
5	Saving backup resource files	13
5.1	Saving backup resource files	13
6	Installation of new MenuMaker PRO database	14
7	Disclaimer	16
8	Analitic Index	17

1 CDROM CHILLER BASELINE CONTENTS

1.1 CDROM HeatPump baseLine - Contentsts

The CD “[Application QuickStart BaseLine 1.0](#)” contains the following folders:

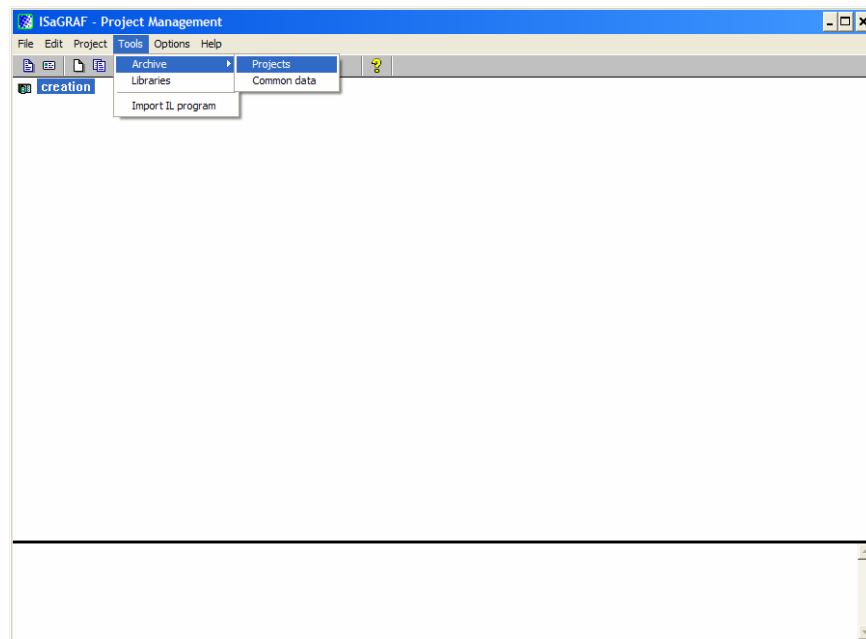


The contents of the folders and software installation procedure are listed below:

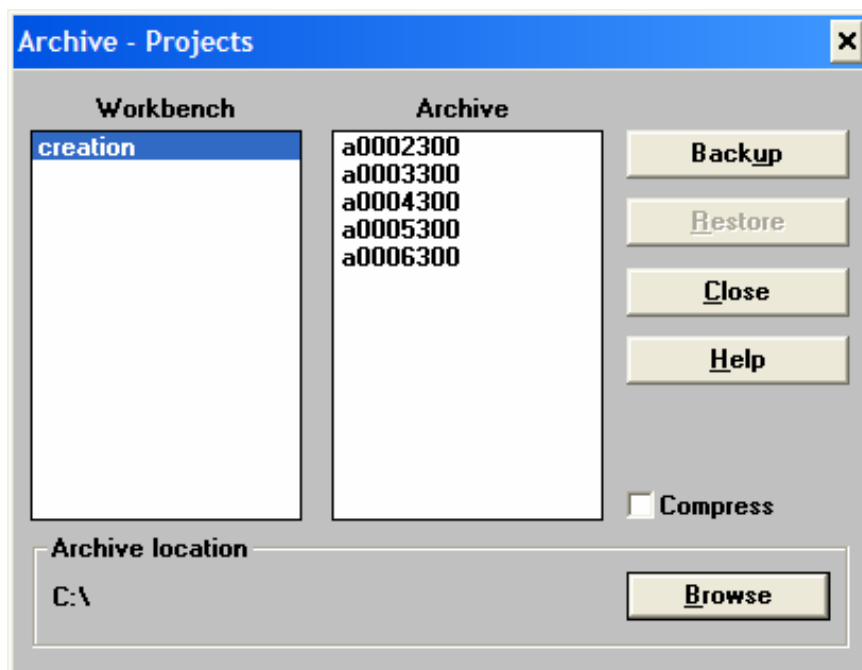
Acrobat Reader	Acrobat Reader : Contains the installation of the Acrobat Reader program (for displaying and reading the files in “pdf” format).
Application	Application : Contains the HeatPump BaseLine applications in “.pia” format together with all the libraries and backup files in “.bin” and “.aia” format.
Manuals	Manuals : Contains the documentation and manuals of the HeatPump BaseLine application and the architecture on which it is developed.
XTMenuMakerPRO	XTMenuMakerPRO : Contains the new Database of the menus relevant to the default applications and HeatPump BaseLine application For checking there are also the MenuMaker PRO output files (manual, menu and glossary files) relevant to the HeatPump BaseLine application .
WhatsNew!	WhatsNew! : Specifies the differences between the current application and previous versions.
Quickstart	QuickStart : The Quickstart.pdf manual in English (QuickStart ENG.pdf) and Italian (QuickStart IT.pdf) containing information for first Start and Use

2 INSTALLATION OF BASELINE APPLICATIONS

After correctly installing the “3.54 Eliwell” (or later) version of the Workbench together with the Eliwell Applications and all the Eliwell libraries contained in the SDK CD¹ install the two AppMaker projects (“pia” type files) that represent two different configurations of the HeatPump Baseline *application*.



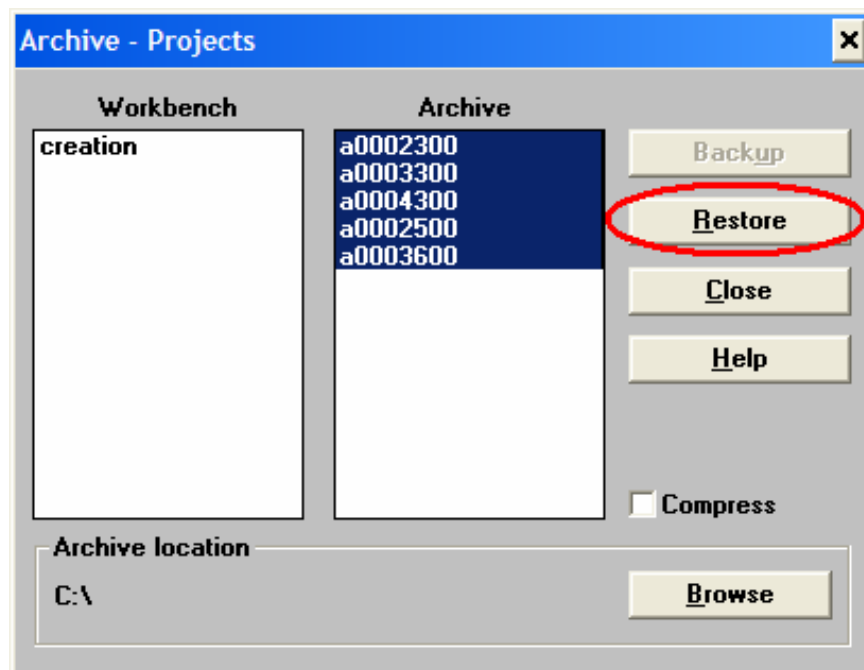
Starting from the main page of the project management program, just select the menu Tools → Archive → Projects.



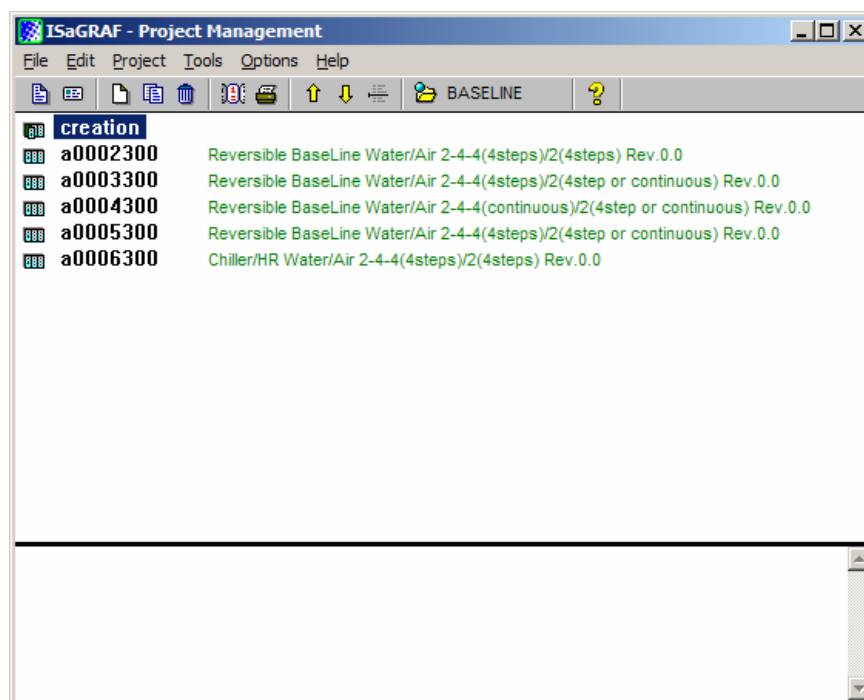
Select the folder “*Application* HeatPump Baseline 1.0\ *Application*\pia”.

Then select ALL files and restore the files.

¹ See the “Energy XT PRO Development Tools” installation manual

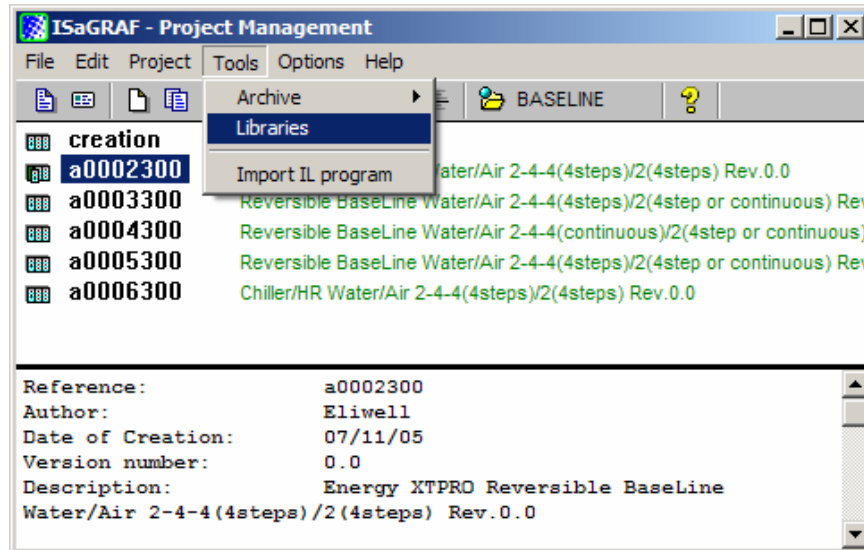


After this operation the two projects will be correctly restored.



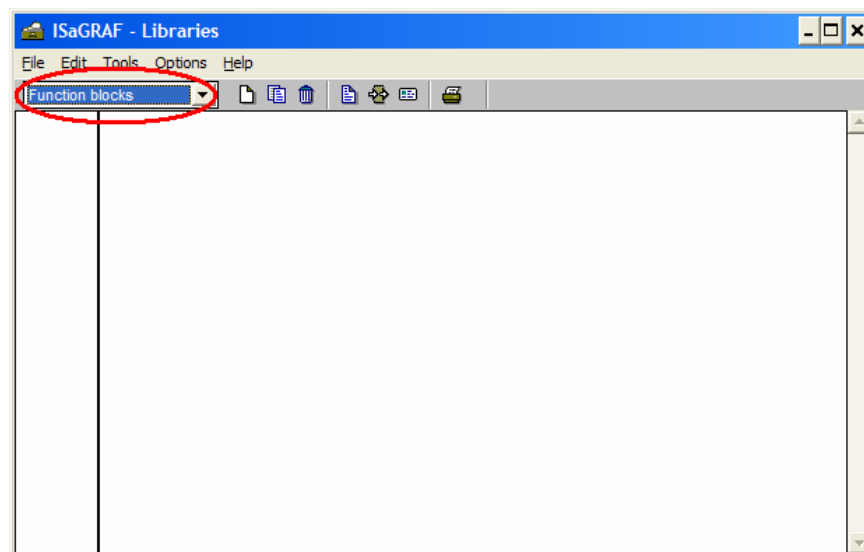
3 INSTALLATION OF FUNCTION BLOCKS

After correctly installing the “3.54 Eliwell” (or later) version of the Workbench together with the Eliwell Applications and all the Eliwell libraries contained in the SDK CD² and the two (“pia” type files) BaseLine applications contained in “**Application** HeatPump BaseLine 1.0**Application**\pia” install the three libraries “fansdrv.aia”, “kompdrv.aia” and “pi.aia” contained in the folder “**Application** HeatPump BaseLine 1.0**Application**\aia”.



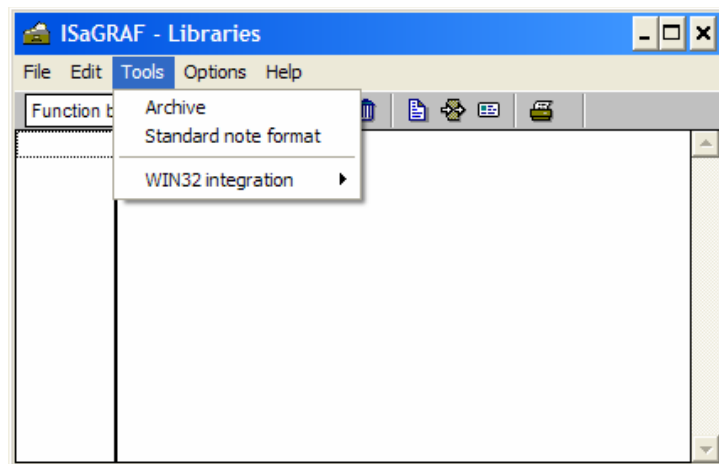
To do this, select the “Tools-Libraries” menu from the ISaGRAF project management program:

Select the “Function block” option from the pull-down menu:

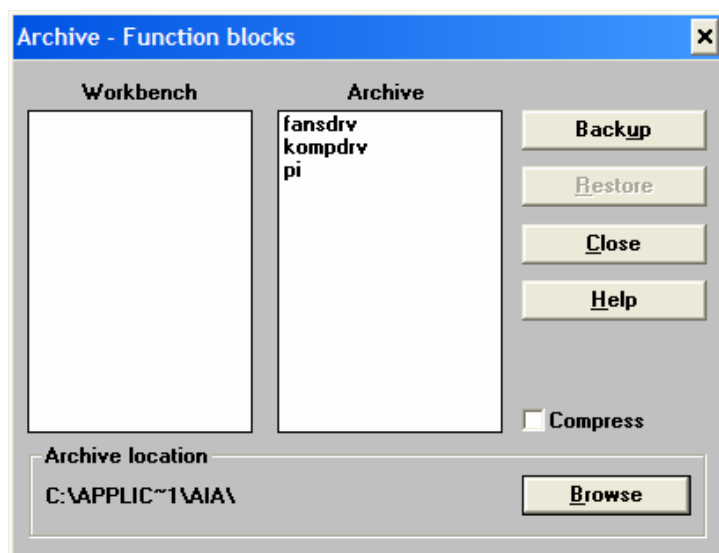
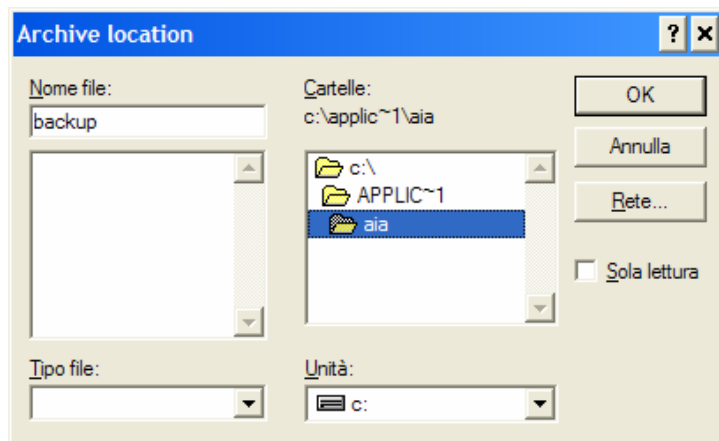


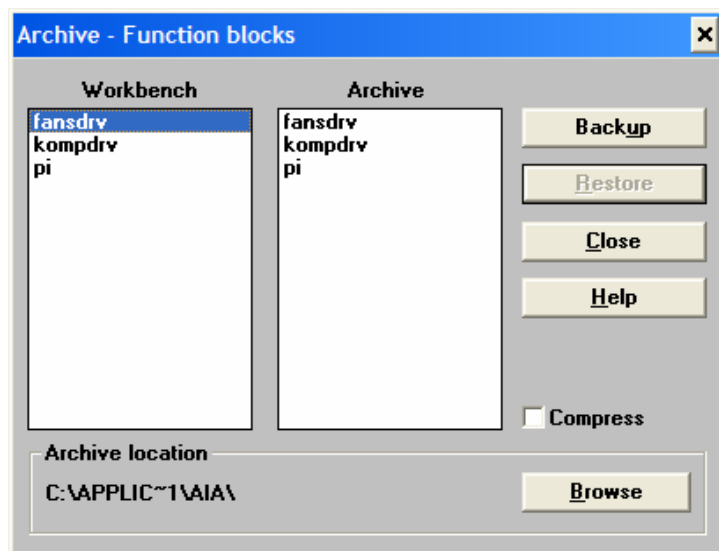
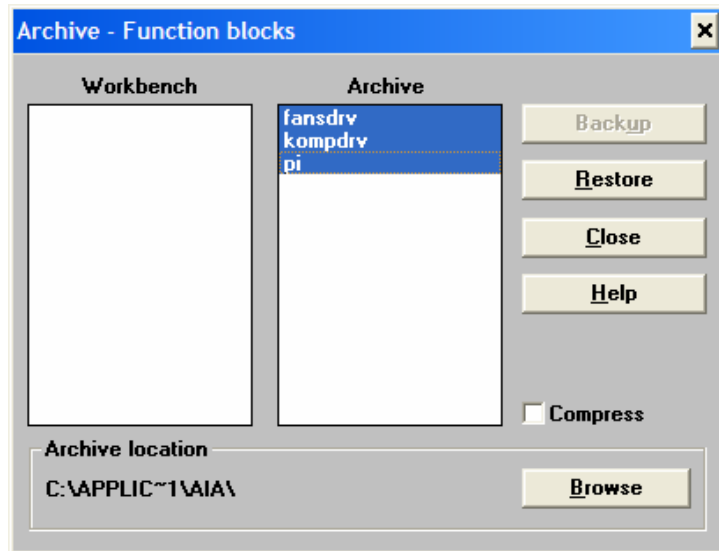
Then “restore” the function blocks contained in the “aia” folder by means of the tools-file menu.

² See the “Energy XT PRO Development Tools” installation manual

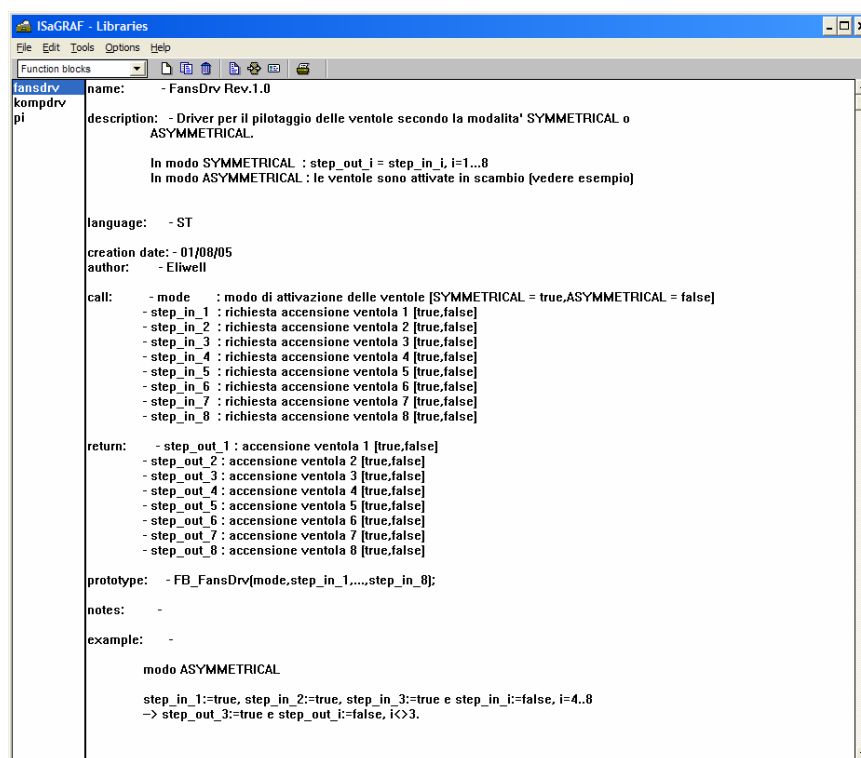


After correctly selecting the folder containing the “aia” type files, restore the files as shown in the sequence of figures given below:





After correctly importing all three function blocks, your monitor should display a situation similar to that shown in the following figure.



Lastly, copy the file “**appli.tgt**” in C:\ISAWIN\LIB\FBL folder.

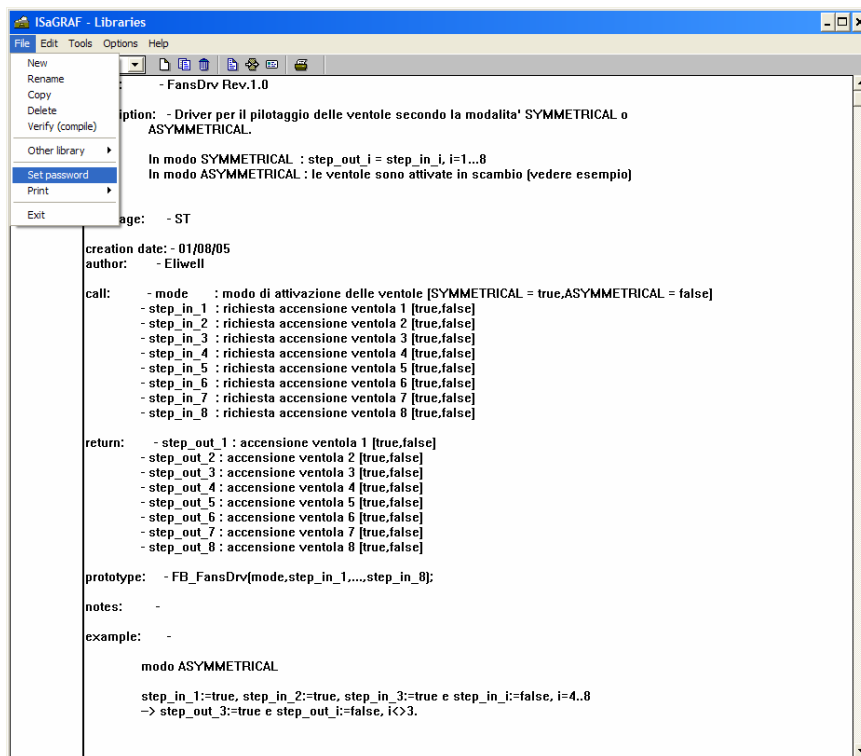
4 COMPILING OF FUNCTION BLOCKS



NB:

The function block compiling procedure, listed below, must only be carried out in the order indicated.

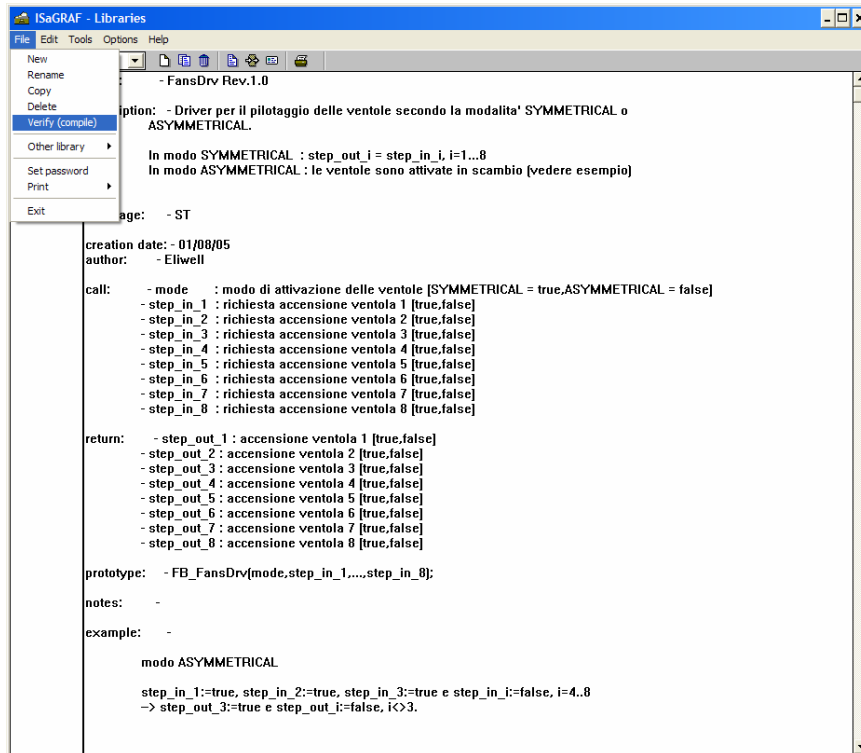
After obtaining your special enabling Passwords for each of the function blocks from Eliwell, enable the compiling option of each function by means of the relevant menu:



Then enter the correct password:



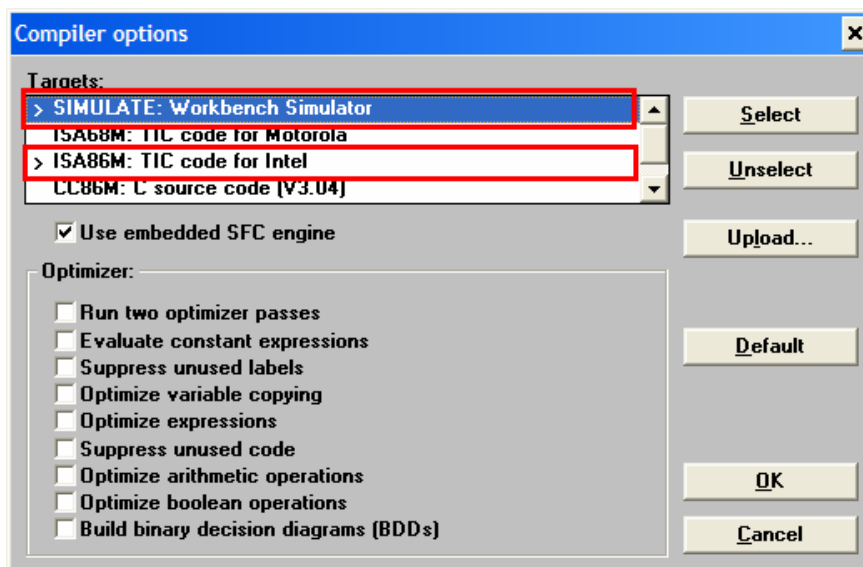
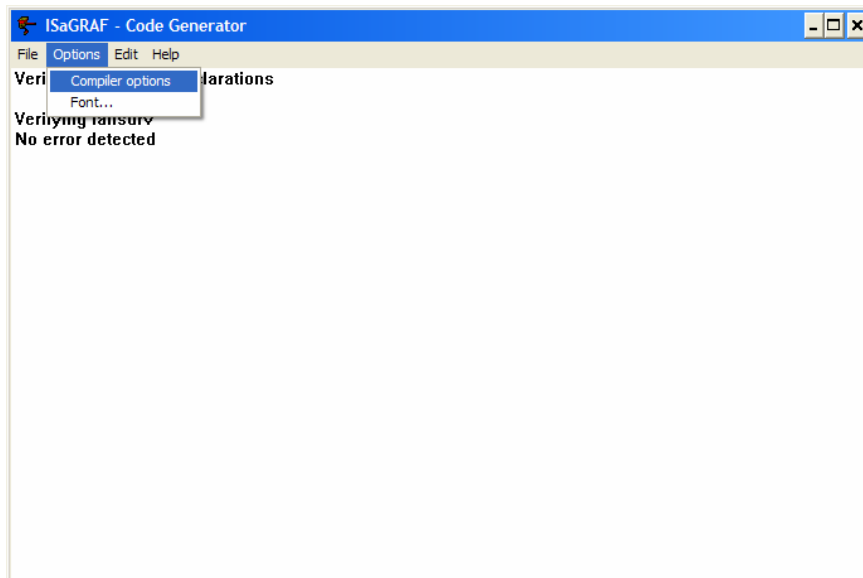
Proceed with compiling by means of the Check (compile) option of the File menu.



Then proceed with “continue”



Lastly, make sure that among the function block compiling options (**which must be independent of the application compiling options**) the “SIMULATE” and “ISA86M: TIC code for Intel” options are activated.



After confirming the compiling options (with OK), compile the function block again.

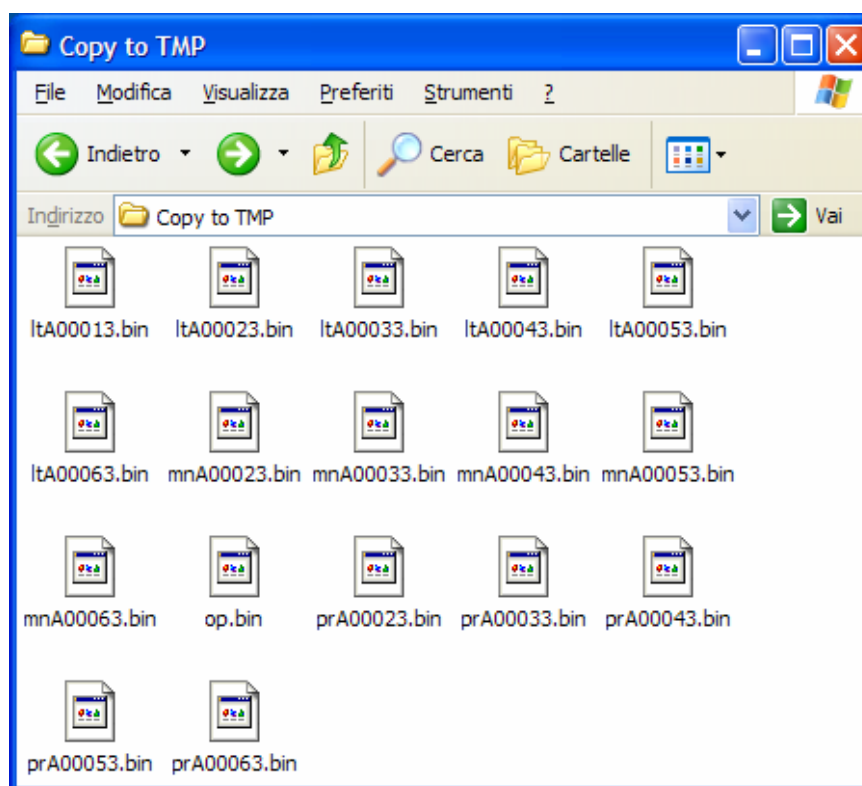


This sequence of operations must be performed for each of the function blocks, which have their own passwords. This operation does not have to be repeated with every program compiling, but will be requested only at the first import.

5 SAVING BACKUP RESOURCE FILES

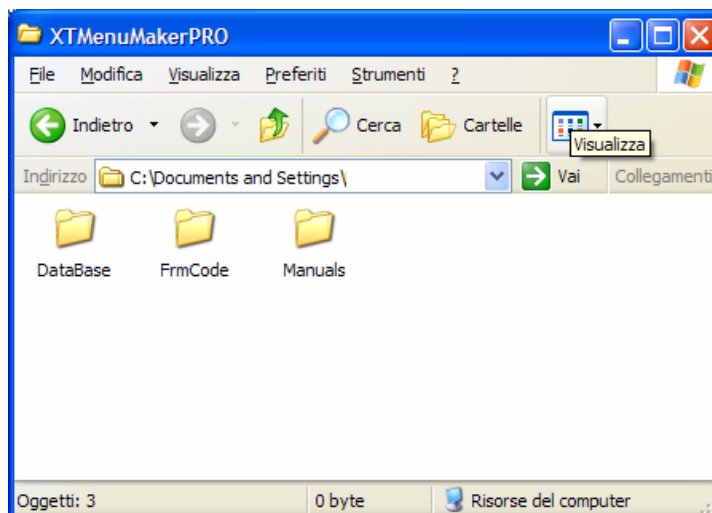
5.1 Saving backup resource files

After successfully installing the applications and related libraries, copy the files contained in the folder “Copy to TMP” in the C:\TMP folder containing all the resource files of the Workbench applications.

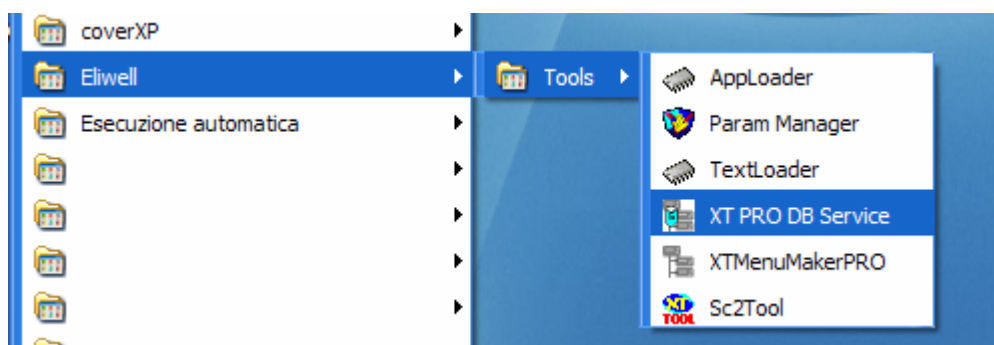


6 INSTALLATION OF NEW MENUMAKER PRO DATABASE

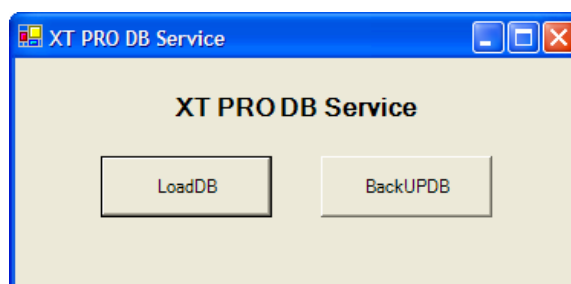
The folder **XTMenuMaker PRO** contains the data relevant to the new menus of the Chiller BaseLine applications.



Firstly install the new database in **MenuMaker PRO**; for this purpose launch the **XT PRO DB Service** application from the start menu:

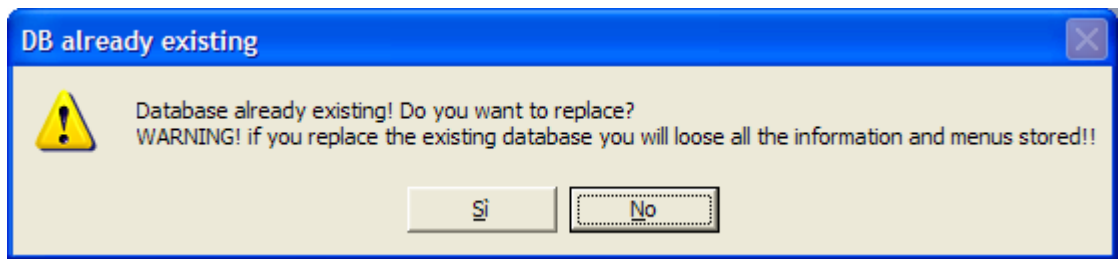


Select the "Load DB" option from the window appearing at the middle of the screen:



Then select the file "**XT_PRO_db.MDF**" contained in the folder "**Application HeatPump BaseLine 1.0\XTMenuMakerPRO\ DataBase**" and wait for the operation to end.

If there is already a database in **MenuMaker PRO**: the system will request confirmation for replacing the old one with the one selected:



Click on "yes" to make the new DB operative and save the old one with a Backup copy.
A window with the message "process ended" will inform you of the end (successful) of the DB import operation.

Start **MenuMaker PRO** to also find "XTMNU 45" (and later), or the menu relevant to the HeatPump BaseLine applications from the default menus.



For those not holding the licence to use MenuMaker PRO but are in any case interested in using the HeatPump BaseLine applications, the code and glossaries of the menus and output of the [manuals](#) in word format have been saved respectively in the FrmCode and [Manuals](#) folders.

Therefore a standard menu and glossaries for the BaseLine applications are made available.

7 DISCLAIMER

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8 ANALITIC INDEX

A

Acrobat Reader.....3

Application.....3

C

CDROM CHILLER BASELINE CONTENTS3

CDROM HeatPump baseLine - Contensts.....3

CDROM HeatPump baseLine - Contensts:.....3

COMPILING OF FUNCTION BLOCKS..... 10

COMPILING OF FUNCTION BLOCKS: 12

COMPILING OF FUNCTION BLOCKS: 11

COMPILING OF FUNCTION BLOCKS: 12

COMPILING OF FUNCTION BLOCKS: 12

COMPILING OF FUNCTION BLOCKS: 12

COMPILING OF FUNCTION BLOCKS:..... 12

COMPILING OF FUNCTION BLOCKS:..... 12

D

DISCLAIMER..... 16

I

INSTALLATION OF BASELINE APPLICATIONS..... 4

INSTALLATION OF BASELINE APPLICATIONS:5

INSTALLATION OF FUNCTION BLOCKS 6

INSTALLATION OF NEW MENU MAKER PRO

DATABASE 14

INSTALLATION OF NEW MENU MAKER PRO

DATABASE:15

M

Manuals..... 3

Q

Quickstart..... 3

S

Saving backup resource files..... 13

SAVING BACKUP RESOURCE FILES 13

W

WhatsNew!..... 3

X

XTMenuMakerPRO..... 3



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