

## 32GB-500---422--EE NEW DESIGN

### What's new?

We would like to inform you that:

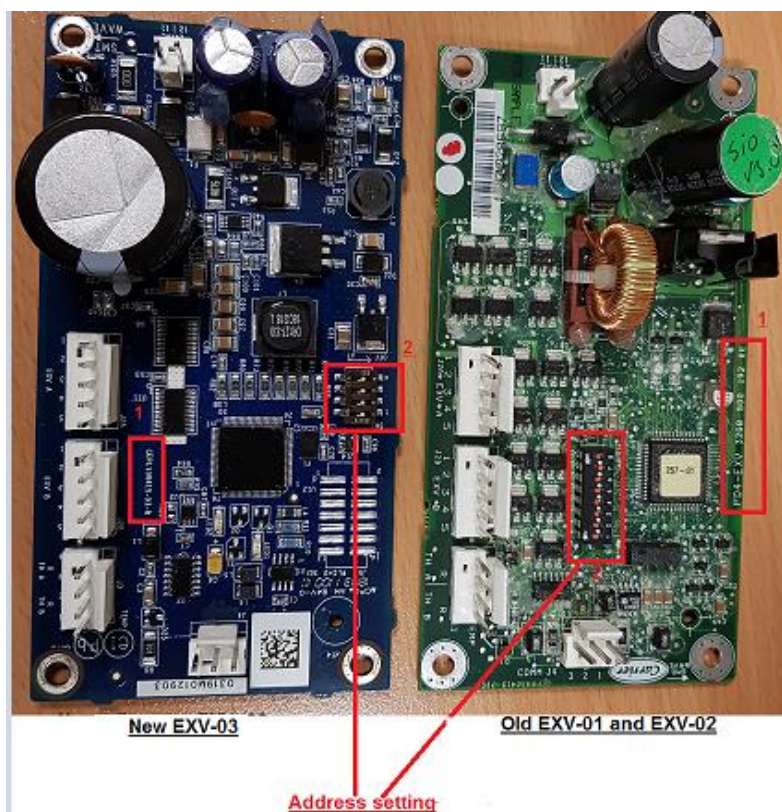
32GB-500---422--EE (EXV-03) with its new design replaces:  
EXV-01 (32GB-500---192--EE)  
& EXV-02 (32GB-500---422--EE)

You'll find details below.

### HOW IT WORKS?

Due to micro-controller obsolescence, the EXV-03 reference 32GB-500---422--EE replaces both:  
EXV-01 ref 32GB-500---192--EE for 30HXC (SIO communication protocol)  
EXV-02 ref 32GB-500---422--EE (LEN communication protocol)

The EXV-03 board has its **software already loaded** thus no need to load additional software.  
At start-up, the board runs under SIO protocol. When Len communication is detected, it will switch automatically to the LEN protocol.



## For EXV-02 (32GB-500---422--EE)

LEN Address setting with 4 dip switch for EXV-02 (32GB-500---422--EE).

The EXV board -03 has a 4 bit dip switch. It shall use the following address for these chillers: 30RB/30RQ, 61AF, 30RBS/30RQS and 30XW-V.

**By default, there is no need to set-up address** but for chillers having more than one board, it becomes necessary to follow instructions below:

Dip switch 8 bits (old exv)	Dip switch 4 bits (new exv)	Len address
1 0 1 1 1 1 1 1 (8 to 1)	0 0 0 0 (4 to 1)	65
1 0 1 1 1 1 1 0 (8 to 1)	0 0 0 1 (4 to 1)	66 *
1 0 1 1 1 1 0 1 (8 to 1)	0 0 1 0 (4 to 1)	67 **
1 0 1 1 1 1 0 0 (8 to 1)	0 0 1 1 (4 to 1)	68
Unused	Unused	Unused

\* = address used only with more than one board in the same unit  
\*\*= address used only with more than two boards in the same unit

## For EXV-01 (32GB-500---192--EE)

SIO Address setting with 4 dip switch for EXV-01 (32GB-500---192--EE).

The EXV board -03 has a 4 bit dip switch. It shall use the following address for 30HXC chillers (old 30GX, 30 series reciprocating chillers). **By default, there is no need to set-up address**

Dip switch 8 bits (old exv)	Dip switch 4 bits (new exv)	Sio address
0 0 0 1 1 1 0 1 (8 to 1)	0 0 0 0 (4 to 1)	29
0 0 0 1 1 1 1 0 (8 to 1)	0 0 0 1 (4 to 1)	30
0 0 0 1 1 1 1 1 (8 to 1)	0 0 1 0 (4 to 1)	31
Unused	Unused	Unused

## FOR ACTION

For more information, please contact your ERCD Technical support, Nicolas Brazey: [nicolas.brazey@utc.com](mailto:nicolas.brazey@utc.com)