

# New low GWP refrigerants for compressor rack controllers



## Lumity<sup>™</sup> XC600 controllers for compact compressor racks from today in 3.5h version with new low GWP refrigerants



ENVIRONMENTALLY FRIENDLY

Emerson is pleased to announce that a new version is now available in the Lumity<sup>™</sup> XC600 family of controllers designed for the management of compact compressor racks.







The 3.5h release has been developed giving a special focus on environmentally friendly solutions with the introduction of new, low GWP refrigerants.

The new 3.5h version ensures compatibility with XWEB monitoring systems and Wizmate libraries, which are already being distributed and used.

With the 3.5h version it is also possible to update the list of refrigerants either on site or using a software, in order to be always aligned with market trends and existing regulations.

## 1. Refrigerant update

Here below the updated list of compatible refrigerants which can be selected through the **FtyP** parameter.

FtyP PARAMETER	REFRIGERANT GAS	OPERATING TEMPERATURE
R22	r22	-50-60°C/-58÷120°F
r32	r32	-70-60°C/-94÷120°F
r134	r134A	-70-60°C/-94÷120°F
r290	r290 – Propane	-50-60°C/-58÷120°F
r404	r404A	-50-60°C/-58÷120°F
407A	r407A	-50-60°C/-58÷120°F
407C	r407C	-50-60°C/-58÷120°F
407F	r407F	-50-60°C/-58÷120°F
r410	r410	-50-60°C/-58÷120°F
r448	r448A	-45-60°C/-69÷120°F
r449	r449A	-45-60°C/-69÷120°F
r450	r450A	-45-60°C/-69÷120°F
r452	r452A	-45-60°C/-69÷120°F
r507	r507	-70-60°C/-94÷120°F
r513	r513	-45-60°C/-69÷120°F
1234 or 14EE(*)	r1234ze	-50-60°C/-58÷120°F
CO2	r744 - Co2	-50-30°C/-58÷86°F
<b>515b</b> 	<b>R515B</b>	<b>-50-60°C/-58÷120°F</b>
<b>454A</b> 	<b>R454A</b>	<b>-50-60°C/-58÷120°F</b>
<b>454b</b> 	<b>R454B</b>	<b>-50-60°C/-58÷120°F</b>
<b>454C</b> 	<b>R454C</b>	<b>-50-60°C/-58÷120°F</b>
<b>455A</b> 	<b>R455A</b>	<b>-50-60°C/-58÷120°F</b>
<b>14YF</b> 	<b>R1234YF</b>	<b>-50-60°C/-58÷120°F</b>

(\*) From release 3.5h

## 2. List of codes

The change of the type of gas available for the XC600 series will concern the following codes:

MODEL	PART NUMBER
XC450CX-1C15F	SFRPCMC3N1
XC650CX-0C05F	SFSPCMC1N1
XC650CX-0C15F	SFTPCMC1N1
XC645CX-0C01F	SFYMCMC1N0
XC645CX-1C01F	SFYMCMC3N0
XC645CX-1C03F	SFYNCMC3N0
XC645CX-0C11F	SFZMCMC1N0
XC645CX-1C11F	SFZMCMC3N0
XC645D -5C11F	SIJQAMC520
XC660D -5C11F	SINSAMC520
XC660D -7C21F	SINSAMG620

### **3. Pricing**

Please contact our Sales dpt. for product pricing and further information.

### **4. Availability and orders**

The 3.5h version of the XC600 series is now available. Please contact our Sales dpt. for further information.