

## APPROVAL OF NEU MBP R290 FOR CONDENSING TEMPERATURES DOWN TO 10°C

### 1. General

Use of liquid cooled condensers is growing in light commercial segment appliances. To meet this growing requirement, Embraco has verified reliability of compressors belonging to **NEU** family designed for **MBP** (Medium Back Pressure), in order to extend its operating envelope for lower condensing temperatures when used with propane refrigerant **R290**.

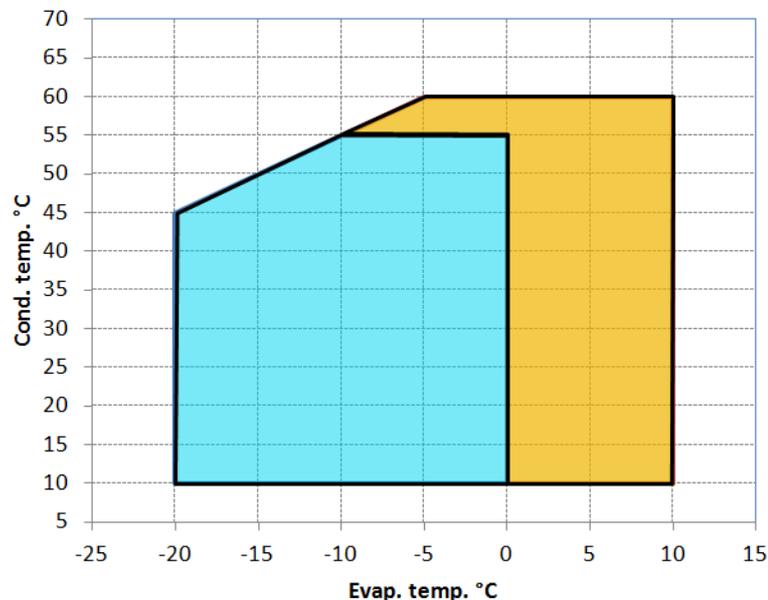
### 2. Declaration

To allow reliable use of **NEU MBP R290** compressors limited to condensing temperature 10 °C. They are approved for reliable operation inside extended operating envelope limited to **condensing temperature 10 °C (table 1)**. For more information please contact Technical support team.

**Table 1**

Model	Voltage/Frequency	Current BOM approved down to Tc = +35°C	New BOM approved down to Tc = +10°C
NEU6214U	220 – 240V /50Hz	862GA	862GA (no change)
NEU6220U	220 – 240V /50Hz	863MA	863MA (no change)
NEU6210U	220 – 240V /50Hz	862FA	862FA (no change)
NEU6212U	220 – 240V /50Hz	862HA	862HA (no change)

**NEU MBP R290 / extension Tc = 10°C**



- Ambient 32 °C and return gas 20 °C
- Ambient 32 °C and return gas 20 °C (Transitory period)