

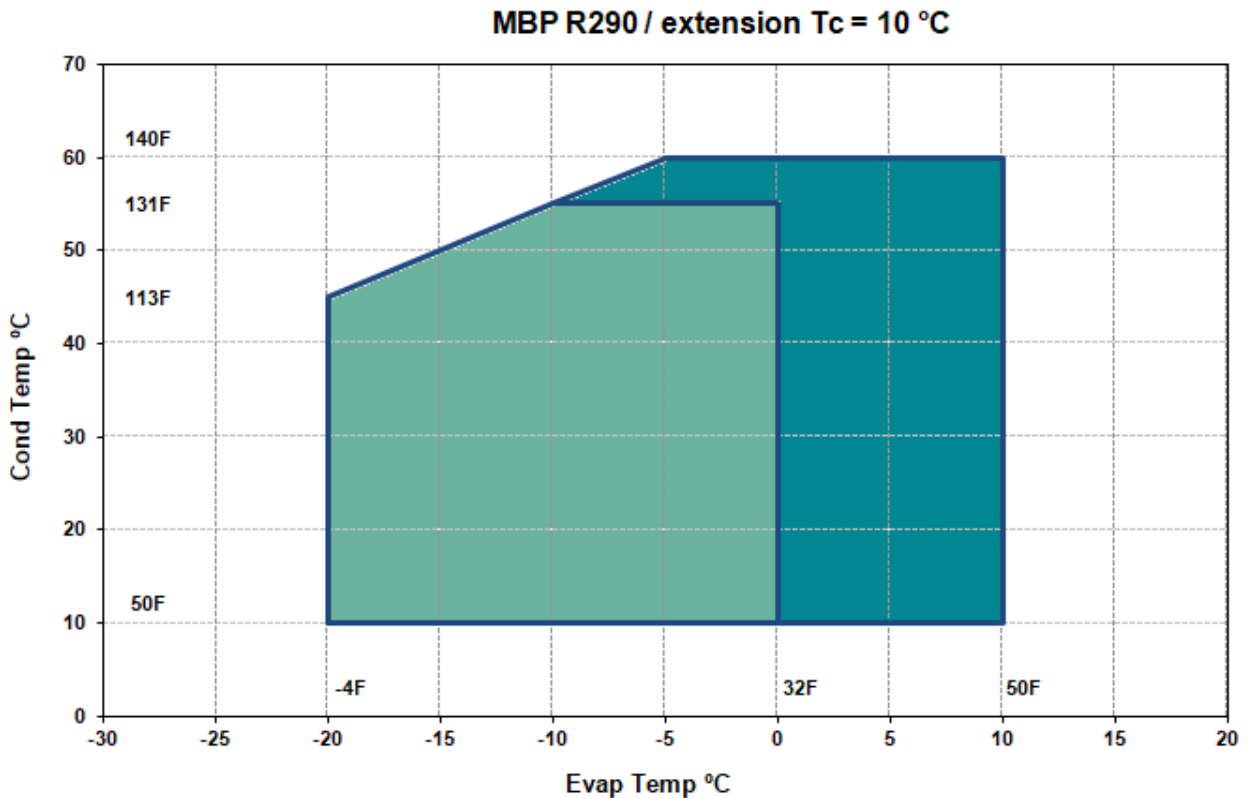
EXTENSION OF CONDENSING TEMPERATURE TO 10°C FOR NEK/ NEU/ VNEK/ VNEU/ NEX/ NTX/ NJX
R290

1. General

Use of liquid cooled condensers is growing in light commercial segment appliances. To meet this growing requirement, Nidec Global Appliance/ Embraco has verified reliability of compressors belonging to **NEK, NEU, VNEK, VNEU, NEX, NTX, NJX** family designed for **LBP and MBP** (Low Back Pressure/ Medium Back Pressure), in order to extend its operating envelope for lower condensing temperatures when used with propane refrigerant **R290**.

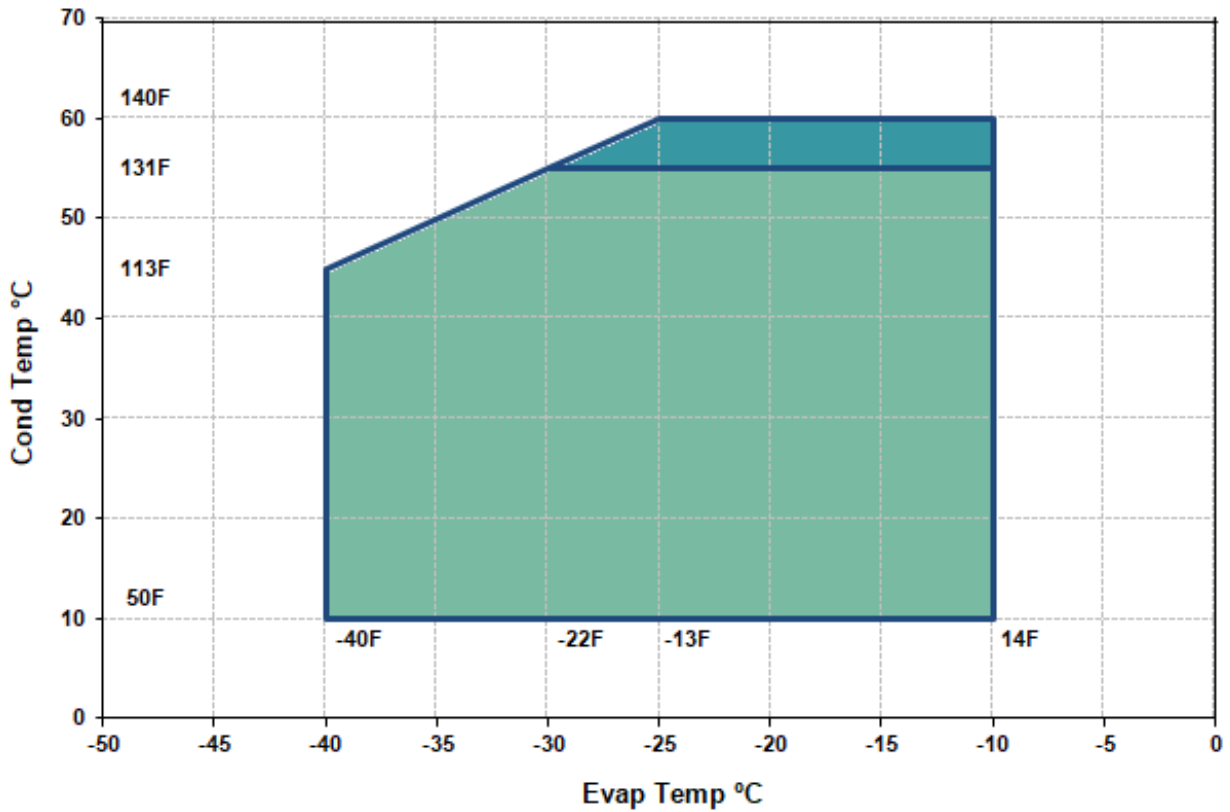
2. Declaration

Based on the positive results from reliability tests which meet criteria of internal approval, **Nidec Global Appliance/ Embraco allows** to extend operating envelope of condensing temperature from 35°C to 10°C for **NEK, NEU, VNEK, VNEU, NEX, NTX, NJX – LBP and MBP R290** compressor series.



EXTENSION OF CONDENSING TEMPERATURE TO 10°C FOR NEK/ NEU/ VNEK/ VNEU/ NEX/ NTX/ NJX
R290

LBP R290 / Extension Tc=10°C



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