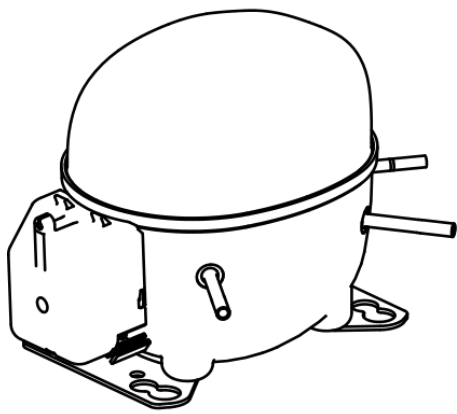


NEU6215GK



ENGINEERING CODE  
959NA51



REFRIGERANT  
R-404A



POWER SUPPLY  
220-240 V 50 Hz



APPLICATION  
MBP



MOTOR TYPE  
CSCR



STANDARD  
EN12900



COOLING CAPACITY  
1067 W



EFFICIENCY  
1.84 W/W

DATA

GENERAL DATA

|                        |                                   |
|------------------------|-----------------------------------|
| Model                  | NEU6215GK                         |
| Type                   | Hermetic Reciprocating            |
| Technology             | ON/OFF                            |
| Compressor Application | MBP                               |
| Expansion Device       | Capillary Tube or Expansion Valve |
| Compressor Cooling     | Fan/220                           |
| HP                     | 3/4                               |
| Starting Torque        | HST                               |
| Plant                  | SLOVAKIA                          |

ELECTRICAL DATA

|                                     |                 |
|-------------------------------------|-----------------|
| Start Winding Resistance            | 14.26 Ω at 25°C |
| Run Winding Resistance              | 4.25 Ω at 25°C  |
| Locked Rotor Amperage (LRA) 50Hz    | 22 A            |
| Rated Load Amperage (LMBP) at 50 Hz | 4.5 A           |

MECHANICAL DATA

|               |           |
|---------------|-----------|
| Displacement  | 12.11 cm³ |
| Oil Charge    | 350 ml    |
| Oil Type      | ESTER     |
| Oil Viscosity | ISO22     |
| Weight        | 11.5 Kg   |

ELECTRICAL COMPONENTS

|                             |                 |
|-----------------------------|-----------------|
| Start Capacitor             | 88-108 µf/330 V |
| Run Capacitor               | 10.0 µf/400 V   |
| CSR CSIR BOX                | Yes             |
| Starting Device Description | RVA3AN3C-647    |
| Overload Protection         | T0634/G9        |

EXTERNAL CHARACTERISTICS

|             |       |
|-------------|-------|
| Base Plate  | SMALL |
| Tray Holder | NO    |

| Connector | Internal Diameter | Shape       | Material |
|-----------|-------------------|-------------|----------|
| Suction   | 8.1 mm            | SLANTED 42° | COPPER   |
| Discharge | 6.1 mm            | STRAIGHT    | COPPER   |
| Process   | 6.1 mm            | SLANTED 42° | COPPER   |

PERFORMANCE

TESTED CONDITIONS

|                         |         |
|-------------------------|---------|
| Tested Refrigerant      | R-404A  |
| Tested Application      | MBP     |
| Tested Standard         | EN12900 |
| Tested Cooling          | Fan     |
| Tested Voltage          | 220 V   |
| Tested Frequency        | 50 Hz   |
| Refrigerant Temperature | Dew     |

## RATED POINTS

| Condensing Temperature<br>°C                                                                              | Evaporating Temperature<br>°C | Cooling Capacity W | Efficiency W/W | Power Consumption W | Current A | Gas Flow Rate kg/h |
|-----------------------------------------------------------------------------------------------------------|-------------------------------|--------------------|----------------|---------------------|-----------|--------------------|
| 45                                                                                                        | -10                           | 1067               | 1.84           | 579                 | -         | 32.04              |
| Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation. |                               |                    |                |                     |           |                    |

## PERFORMANCE CURVE

### Condensing Temperature 35°C

| Evaporating Temperature °C                                                                                | Cooling Capacity W | Efficiency W/W | Power Consumption W | Current A | Gas Flow Rate kg/h |
|-----------------------------------------------------------------------------------------------------------|--------------------|----------------|---------------------|-----------|--------------------|
| -20                                                                                                       | 840                | 1.93           | 436                 | -         | 21.75              |
| -15                                                                                                       | 1039               | 2.17           | 480                 | -         | 27.19              |
| -10                                                                                                       | 1270               | 2.39           | 531                 | -         | 33.51              |
| -5                                                                                                        | 1534               | 2.63           | 584                 | -         | 40.85              |
| 0                                                                                                         | 1831               | 2.89           | 633                 | -         | 49.37              |
| 5                                                                                                         | 2163               | 3.21           | 673                 | -         | 59.24              |
| 10                                                                                                        | 2532               | 3.62           | 699                 | -         | 70.61              |
| Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation. |                    |                |                     |           |                    |

## PERFORMANCE CURVE

### Condensing Temperature 45°C

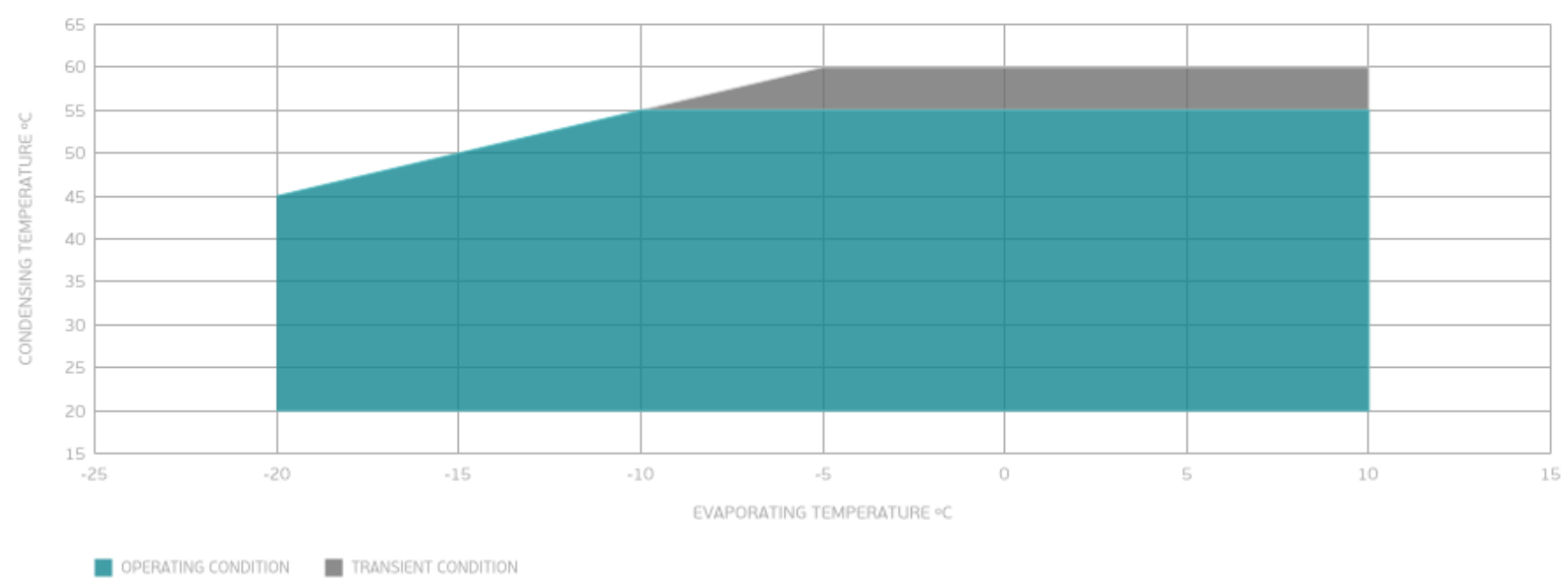
| Evaporating Temperature °C                                                                                | Cooling Capacity W | Efficiency W/W | Power Consumption W | Current A | Gas Flow Rate kg/h |
|-----------------------------------------------------------------------------------------------------------|--------------------|----------------|---------------------|-----------|--------------------|
| -20                                                                                                       | 698                | 1.46           | 479                 | -         | 20.58              |
| -15                                                                                                       | 869                | 1.66           | 522                 | -         | 25.86              |
| -10                                                                                                       | 1067               | 1.84           | 579                 | -         | 32.04              |
| -5                                                                                                        | 1293               | 2.01           | 643                 | -         | 39.26              |
| 0                                                                                                         | 1547               | 2.18           | 710                 | -         | 47.68              |
| 5                                                                                                         | 1831               | 2.37           | 773                 | -         | 57.46              |
| 10                                                                                                        | 2147               | 2.59           | 829                 | -         | 68.77              |
| Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation. |                    |                |                     |           |                    |

## PERFORMANCE CURVE

### Condensing Temperature 55°C

| Evaporating Temperature °C                                                                                | Cooling Capacity W | Efficiency W/W | Power Consumption W | Current A | Gas Flow Rate kg/h |
|-----------------------------------------------------------------------------------------------------------|--------------------|----------------|---------------------|-----------|--------------------|
| -10                                                                                                       | 862                | 1.44           | 600                 | -         | 30.54              |
| -5                                                                                                        | 1046               | 1.57           | 667                 | -         | 37.58              |
| 0                                                                                                         | 1253               | 1.69           | 742                 | -         | 45.85              |
| 5                                                                                                         | 1485               | 1.81           | 820                 | -         | 55.49              |
| 10                                                                                                        | 1744               | 1.95           | 895                 | -         | 66.67              |
| Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation. |                    |                |                     |           |                    |

## ENVELOPE



## EXTERNAL DIMENSIONS

