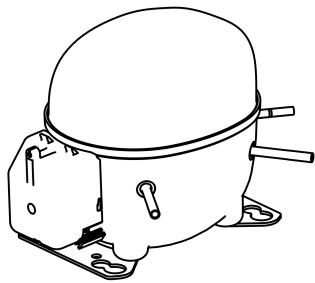


NEU6215GK



ENGINEERING CODE  
959NA51



REFRIGERANT  
R-404A



POWER SUPPLY  
220-240 V 50 Hz



APPLICATION  
MBP



MOTOR TYPE  
CSIR



STANDARD  
EN12900



COOLING CAPACITY  
1048 W



EFFICIENCY  
1.67 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 |
| CSR CSIR BOX                | No              |
| Starting Device Type        | RELAY           |
| Starting Device Description | MTRPH-0055-65*  |
| Overload Protection         | T0743/G6        |

## PERFORMANCE

## TESTED CONDITIONS

|                         |         |
|-------------------------|---------|
| Tested Refrigerant      | R-404A  |
| Tested Application      | MBP     |
| Tested Standard         | EN12900 |
| Tested Cooling          | Fan     |
| Tested Voltage          | 220 V   |
| 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                           | 1048               | 1.67           | 626                 | -         | 31.46              |

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                        | 825                | 1.78           | 464                 | -         | 21.39              |
| -15                        | 1020               | 1.98           | 514                 | -         | 26.66              |
| -10                        | 1246               | 2.19           | 570                 | -         | 32.84              |
| -5                         | 1504               | 2.40           | 626                 | -         | 40.04              |
| 0                          | 1794               | 2.64           | 679                 | -         | 48.37              |
| 5                          | 2115               | 2.92           | 724                 | -         | 57.92              |
| 10                         | 2468               | 3.26           | 757                 | -         | 68.81              |

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.

PERFORMANCE CURVE

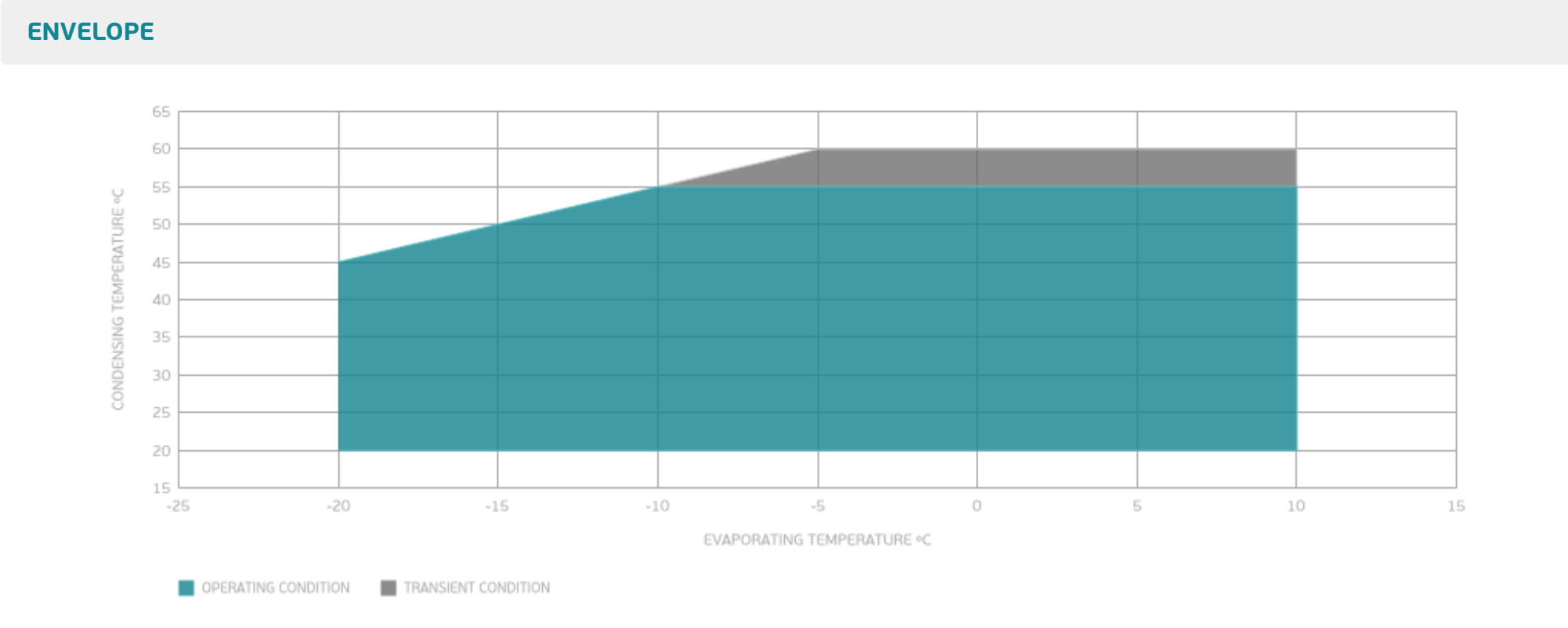
Condensing Temperature 45°C

| Evaporating Temperature °C                                                                                | Cooling Capacity W | Efficiency W/W | Power Consumption W | Current A | Gas Flow Rate kg/h |
|-----------------------------------------------------------------------------------------------------------|--------------------|----------------|---------------------|-----------|--------------------|
| -20                                                                                                       | 689                | 1.35           | 510                 | -         | 20.30              |
| -15                                                                                                       | 855                | 1.52           | 562                 | -         | 25.44              |
| -10                                                                                                       | 1048               | 1.67           | 626                 | -         | 31.46              |
| -5                                                                                                        | 1267               | 1.81           | 698                 | -         | 38.48              |
| 0                                                                                                         | 1512               | 1.96           | 773                 | -         | 46.61              |
| 5                                                                                                         | 1782               | 2.11           | 846                 | -         | 55.94              |
| 10                                                                                                        | 2079               | 2.28           | 914                 | -         | 66.59              |
| 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                                                                                                       | 839                | 1.28           | 656                 | -         | 29.73              |
| -5                                                                                                        | 1017               | 1.39           | 734                 | -         | 36.55              |
| 0                                                                                                         | 1215               | 1.48           | 822                 | -         | 44.45              |
| 5                                                                                                         | 1433               | 1.57           | 914                 | -         | 53.54              |
| 10                                                                                                        | 1672               | 1.66           | 1007                | -         | 63.92              |
| Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation. |                    |                |                     |           |                    |



External

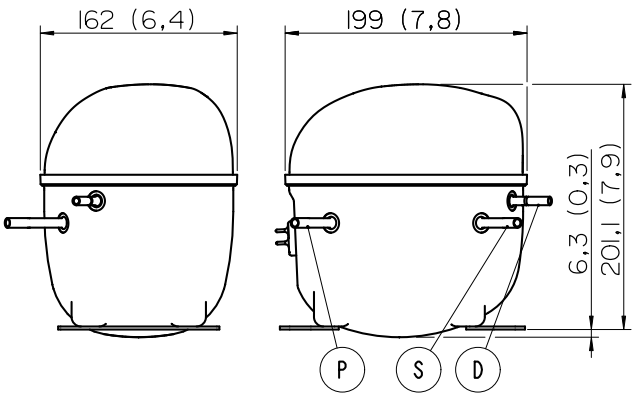
EXTERNAL CHARACTERISTICS

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

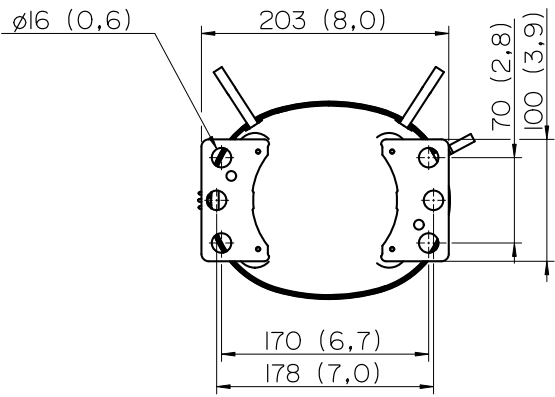
| Connector | Internal Diameter | Shape       | Material |
|-----------|-------------------|-------------|----------|
| Suction   | 8.1 mm            | SLANTED 42° | COPPER   |
| Discharge | 6.1 mm            | STRAIGHT    | COPPER   |

EXTERNAL DIMENSIONS

SHELL



BASE



FENCE

