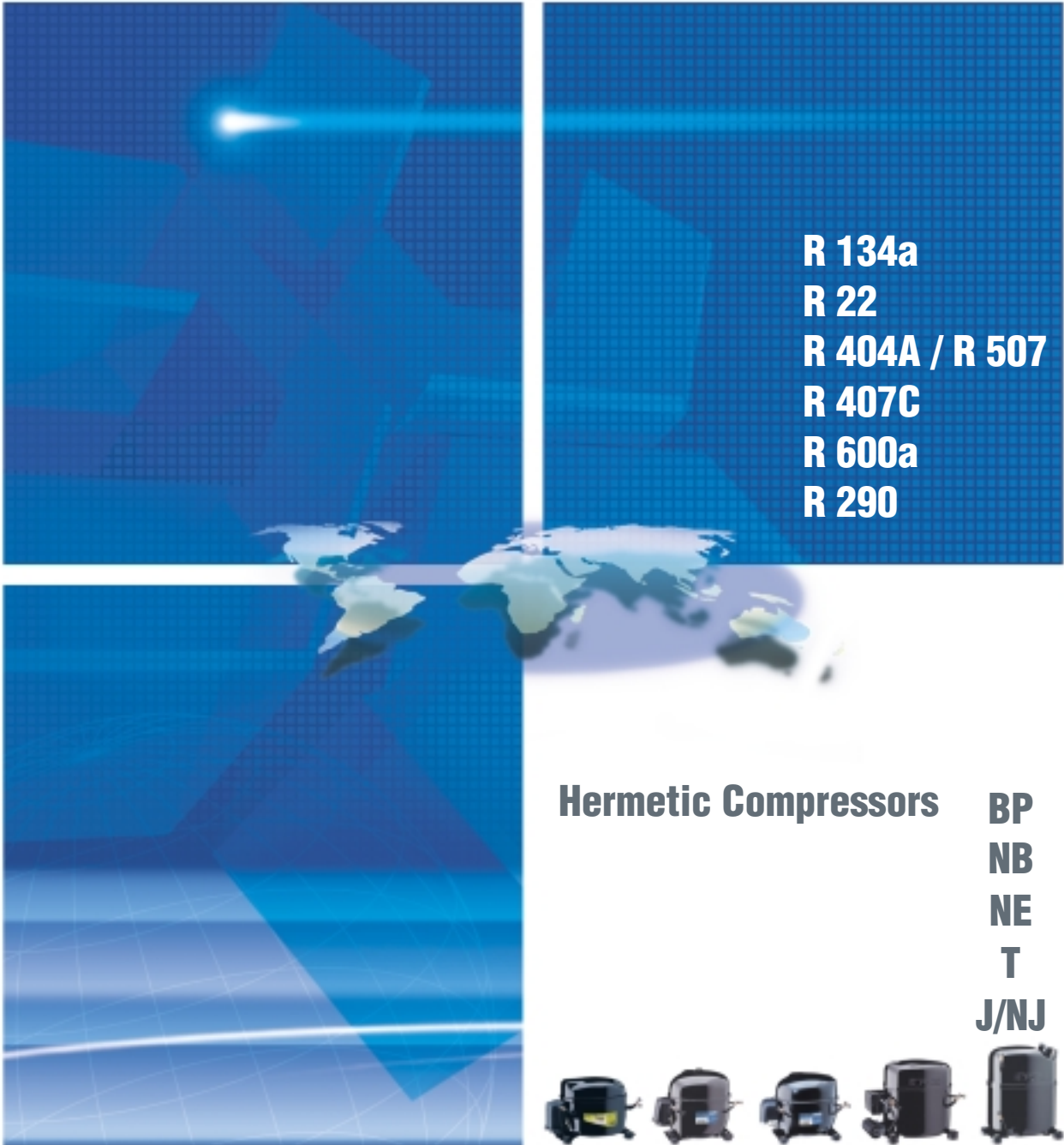



COOLING SOLUTIONS



R 134a
R 22
R 404A / R 507
R 407C
R 600a
R 290

Hermetic Compressors

BP
NB
NE
T
J/NJ



| General Data and Performance | | Page |
|------------------------------|-------------|-----------|
| 50 Hz | | |
| R 134a | LBP | 02 |
| R 134a | HBP | 02 |
| R 22 | LBP | 04 |
| R 22 | HBP | 06 |
| R 22 | M/HBP | 06 |
| R 22 | AC | 08 |
| R 404A / R 507 | LBP | 10 |
| R 404A / R 507 | MBP | 10 |
| R 407C | AC | 12 |
| R 600a | LBP | 14 |
| R 600a | HBP | 14 |
| R 290 | LBP | 14 |
| 60 Hz | | |
| R 134a | LBP | 16 |
| R 134a | HBP | 16 |
| R 22 | LBP | 18 |
| R 22 | HBP | 20 |
| R 22 | M/HBP | 20 |
| R 22 | AC | 20 |
| R 404A / R 507 | LBP | 22 |
| R 404A / R 507 | MBP | 24 |
| R 407C | AC | 26 |
| R 600a | LBP | 26 |
| External Views | | 28 |
| Wiring Diagrams | | 30 |
| Nomenclature | | 35 |

Motor Type

| Type | Description |
|--------------------|--------------------------------|
| RSIR | Resistive Start Inductive Run |
| RSCR | Resistive Start Capacitive Run |
| CSIR | Capacitive Start Inductive Run |
| CSR | Capacitive Start and Run |
| PSC | Permanent Split Capacitor |
| THREE PHASE | Star Connection |

Cooling Types

| Type | Description |
|-----------|---|
| S | (Static cooling) - the compressor doesn't need forced cooling, but it must be installed in order to guarantee natural air circulation by convection, to avoid overheating. |
| F | (Fan cooling) - the compressor needs forced cooling by the use of a motor fan. |
| OC | (Oil Cooling) - coil positioned in the lower internal part of the housing, immersed in the lubricant, where the gas coming from the first part of the heat exchanger circuit cools the lubricant. |

Test Conditions

| Temperature | Subcooled Liquid Conditions | | | | | |
|-------------------|-----------------------------|-------|---------|-------|------|-------|
| | LBP | | MBP-HBP | | AC | |
| | [°C] | [°F] | [°C] | [°F] | [°C] | [°F] |
| Evaporating | -23.3 | -10.0 | 7.2 | 45.0 | 7.2 | 45.0 |
| Condensing | 54.4 | 130.0 | 54.4 | 130.0 | 54.4 | 130.0 |
| Gas & Ambient | 32.2 | 90.0 | 35.0 | 95.0 | 35.0 | 95.0 |
| Liquid | 32.2 | 90.0 | - | - | - | - |
| Liquid Subcooling | - | - | 8.3 | 15.0 | 8.3 | 15.0 |

Conversion

| | |
|-----------------|-------------|
| 1 watt | 3.41 Btu/h |
| 1 watt | 0.86 kcal/h |
| 1 kcal/h | 3.97 Btu/h |

Expansion Devices

| Type | Description |
|----------|-----------------|
| C | Capillary |
| V | Expansion valve |

Lubricant Used

| Code | Type |
|------------|--------------|
| AB | alkylbenzene |
| MO | mineral |
| POE | polyolester |

Warning All data is subject to change without notice. EMBRACO can accept no responsibility for possible errors contained in catalogues, brochures, technical bulletins and other printed material.

REFRIGERANT APPLICATION FREQUENCY
R 134a LBP 50 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|---------|--------------|-------|--------|-------------------------------------|------------|------|-------------|--------------------|------|--------|--------|------|---------------|------|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] [oz²] | Type | [kg] | [lb] | [mm] | [in] | | |
| NB1112Z | 6,26 | 0,38 | 293FA | 220-240 V 50 Hz 1~ | RSIR RSCR | 8,3 | C | 350 | 12 | POE 22 | 9,5 | 20,9 | 177,0 | 7,0 | S |
| NB2112Z | 6,26 | 0,38 | 293IA | 220-240 V 50 Hz 1~ | CSIR | 6,3 | C/V | 350 | 12 | POE 22 | 9,5 | 20,9 | 177,0 | 7,0 | S |
| NB1115Z | 7,40 | 0,45 | 291FK | 200-220 V 50 Hz 1~ / 230 V 60 Hz 1~ | RSIR | 13,7 | C | 350 | 12 | POE 22 | 10,0 | 22,0 | 187,0 | 7,4 | S |
| NB1116Z | 8,40 | 0,51 | 294SA | 220-240 V 50 Hz 1~ | RSIR RSCR | 9,5 | C | 350 | 12 | POE 22 | 9,8 | 21,6 | 187,0 | 7,4 | S |
| NB2116Z | 8,40 | 0,51 | 294TA | 220-240 V 50 Hz 1~ | CSIR | 8,8 | C/V | 350 | 12 | POE 22 | 9,8 | 21,6 | 187,0 | 7,4 | S |
| NB1117Z | 8,40 | 0,51 | 294RN | 200-240 V 50 Hz 1~ / 230 V 60 Hz 1~ | RSIR | 13,1 | C | 350 | 12 | POE 22 | 10,3 | 22,7 | 187,0 | 7,4 | S |
| NB3117Z | 8,40 | 0,51 | 295AN | 200-240 V 50 Hz~ / 230 V 60 Hz 1~ | RSIR | 13,0 | C | 350 | 12 | POE 22 | 10,4 | 22,9 | 200,0 | 7,9 | OC |
| NB1118Z | 8,07 | 0,49 | 292CK | 200-220 V 50 Hz 1~ / 230 V 60 Hz 1~ | RSIR | 13,2 | C | 350 | 12 | POE 22 | 10,8 | 23,8 | 200,0 | 7,9 | S |
| NB1118Z | 8,07 | 0,49 | 294UA | 220-240 V 50 Hz 1~ | RSIR RSCR | 11,0 | C | 350 | 12 | POE 22 | 10,3 | 22,7 | 187,0 | 7,4 | S |
| NB2118Z | 8,07 | 0,49 | 294VA | 220-240 V 50 Hz 1~ | CSIR | 9,3 | C/V | 350 | 12 | POE 22 | 10,4 | 22,9 | 187,0 | 7,4 | S |
| NB1119Z | 8,07 | 0,49 | 295BN | 200-240 V 50 Hz 1~ / 230 V 60 Hz 1~ | RSIR | 14,4 | C | 350 | 12 | POE 22 | 11,0 | 24,3 | 200,0 | 7,9 | S |
| NB3119Z | 8,07 | 0,49 | 295BN | 200-240 V 50 Hz 1~ / 230 V 60 Hz 1~ | RSIR | 11,5 | C | 350 | 12 | POE 22 | 10,4 | 22,9 | 200,0 | 7,9 | OC |
| NE1121Z | 9,27 | 0,57 | 262AA | 220-240 V 50 Hz 1~ | RSIR | 14,8 | C | 350 | 12 | POE 22 | 11,0 | 24,3 | 200,0 | 7,9 | F |
| NE1121Z | 9,27 | 0,57 | 262AK | 200-220 V 50 Hz 1~ / 230 V 60 Hz 1~ | RSIR | 22,2 | C | 350 | 12 | POE 22 | 11,0 | 24,3 | 200,0 | 7,9 | F |
| NE2121Z | 9,27 | 0,57 | 262BA | 220-240 V 50 Hz 1~ | CSIR | 12,6 | C/V | 350 | 12 | POE 22 | 11,0 | 24,3 | 200,0 | 7,9 | F |
| NE2121Z | 9,27 | 0,57 | 263BK | 200-220 V 50 Hz / 230 60 Hz | CSIR | 15,0 | C/V | 350 | 12 | POE 22 | 11,0 | 24,3 | 200,0 | 7,9 | F |
| NE1130Z | 12,12 | 0,74 | 262CA | 220-240 V 50 Hz 1~ | RSIR | 16,3 | C | 350 | 12 | POE 22 | 11,0 | 24,3 | 200,0 | 7,9 | F |
| NE1130Z | 12,12 | 0,74 | 263IK | 200-220 V 50 Hz / 230 V 60 Hz | RSIR | 22,0 | C | 350 | 12 | POE 22 | 11,0 | 24,3 | 200,0 | 7,9 | F |
| NE2130Z | 12,12 | 0,74 | 262DA | 220-240 V 50 Hz 1~ | CSIR | 13,2 | C/V | 350 | 12 | POE 22 | 11,0 | 24,3 | 200,0 | 7,9 | F |
| NE2130Z | 12,12 | 0,74 | 263DK | 200-220 V 50 Hz 1~ / 230 V 60 Hz 1~ | CSIR | 14,3 | C/V | 350 | 12 | POE 22 | 11,6 | 25,6 | 200,0 | 7,9 | F |
| NE2134Z | 14,30 | 0,87 | 263CA | 220-240 V 50 Hz | CSIR | 17,0 | C/V | 350 | 12 | POE 22 | 11,5 | 25,4 | 206,0 | 8,1 | F |
| T2134Z | 19,04 | 1,16 | 203NV | 230 V 50 Hz 1~ | CSIR | 13,0 | C/V | 580 | 20 | POE 22 | 13,9 | 30,6 | 201,0 | 7,9 | F |
| T2140Z | 22,40 | 1,37 | 207HA | 220-240 V 50 Hz 1~ | CSIR | 20,0 | C/V | 580 | 20 | POE 22 | 14,0 | 30,9 | 221,0 | 8,7 | F |
| T2140Z | 22,40 | 1,37 | 207HK | 200-220 V 50 Hz / 230 60 Hz | CSIR | 22,5 | C/V | 580 | 20 | POE 22 | 14,9 | 32,8 | 221,0 | 8,7 | F |
| J2152Z | 27,12 | 1,65 | 164LA | 220-240 V 50 Hz 1~ | CSIR | 24,0 | C/V | 890 | 31 | POE 22 | 20,0 | 44,1 | 265,0 | 10,4 | F |
| NJ2152Z | 27,12 | 1,65 | 144LA | 220-240 V 50 Hz 1~ | CSIR | 24,0 | C/V | 890 | 31 | POE 22 | 20,0 | 44,1 | 265,0 | 10,4 | F |

Note: Please check Test Conditions on page 1.

REFRIGERANT APPLICATION FREQUENCY
R 134a HBP 50 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|---------|--------------|-------|--------|---------------------|------------|------|-------------|--------------------|------|--------|--------|------|---------------|-----|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] [oz²] | Type | [kg] | [lb] | [mm] | [in] | | |
| BP5125H | 3,40 | 0,21 | 223SA | 220-240 V 50 Hz 1~ | RSIR | 3,4 | C | 200 | 7 | POE 22 | 6,8 | 15,0 | 150,0 | 5,9 | S |
| BP6125H | 3,40 | 0,21 | 221UA | 220-240 V 50 Hz 1~ | CSIR | 4,5 | C/V | 200 | 7 | POE 22 | 6,9 | 15,2 | 159,0 | 6,3 | S |
| BP5128H | 4,15 | 0,25 | 223TA | 220-240 V 50 Hz 1~ | RSIR | 4,5 | C | 200 | 7 | POE 22 | 6,8 | 15,0 | 150,0 | 5,9 | S |
| BP5128H | 4,15 | 0,25 | 223TQ | 100 V 50/60 Hz 1~ | RSIR | 11,2 | C | 200 | 7 | POE 22 | 6,8 | 15,0 | 150,0 | 5,9 | S |
| BP6128H | 4,15 | 0,25 | 221VA | 220-240 V 50 Hz 1~ | CSIR | 5,2 | C/V | 200 | 7 | POE 22 | 7,1 | 15,7 | 159,0 | 6,3 | S |
| BP5132H | 4,60 | 0,28 | 224RA | 220-240 V 50 Hz 1~ | RSIR | 6,7 | C | 200 | 7 | POE 22 | 7,6 | 16,8 | 159,0 | 6,3 | S |
| BP5132H | 4,60 | 0,28 | 224RQ | 100 V 50/60 Hz 1~ | RSIR | 14,2 | C | 200 | 7 | POE 22 | 7,6 | 16,8 | 159,0 | 6,3 | S |
| BP6132H | 4,60 | 0,28 | 224SA | 220-240 V 50 Hz 1~ | CSIR | 6,3 | C/V | 200 | 7 | POE 22 | 7,6 | 16,8 | 159,0 | 6,3 | S |

Note: Please check Test Conditions on page 1.

FREQUENCY APPLICATION REFRIGERANT
50 Hz LBP R 134a

| Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] Subcooled conditions [W] | | | | | | | | | | | | Drawings | | MODEL | | |
|--------------------------------|---|------------|----------------|---------------------|-----------------|----------------|--------------|-------------------|------------|--------------|--------------|--------------|----------|------|---------|-----------------------|------------------------|
| | Rated Point -23.3°C | | | | | | | | | | -20 | -15 | -10 | -5 | | External View ref. | Wiring Diagram ref. |
| | -30 | -25 | Cooling [W] | Cooling [kcal/h] | W. input [W] | Current [A] | EER [W/W] | EER [kcal/h/W] | | | | | | | | | |
| 54,4 45 | 102 | 125 138 | 139 | 120 | 127 | 0,9 | 1,09 | 0,94 | 168 183 | 220 237 | 279 300 | 347 372 | DWG02 | SM00 | NB1112Z | | |
| 54,4 45 | 102 | 126 138 | 139 | 120 | 127 | 0,9 | 1,09 | 0,94 | 169 184 | 220 238 | 280 301 | 348 373 | DWG02 | SM05 | NB2112Z | | |
| 54,4 45 | 124 | 151 169 | 169 | 145 | 147 | 1,1 | 1,15 | 0,99 | 207 226 | 273 295 | 351 375 | 441 467 | DWG02 | SM00 | NB1115Z | | |
| 54,4 45 | 135 | 165 181 | 182 | 157 | 164 | 1,2 | 1,11 | 0,95 | 219 238 | 284 305 | 360 383 | 447 470 | DWG02 | SM00 | NB1116Z | | |
| 54,4 45 | 134 | 157 179 | 174 | 150 | 169 | 1,1 | 1,03 | 0,89 | 212 234 | 277 301 | 353 379 | 440 469 | DWG02 | SM05 | NB2116Z | | |
| 54,4 45 | 134 | 183 179 | 174 | 150 | 166 | 1,3 | 1,05 | 0,90 | 247 234 | 326 301 | 418 379 | 523 469 | DWG02 | SM00 | NB1117Z | | |
| 54,4 45 | 129 | 157 174 | 174 | 150 | 156 | 1,2 | 1,12 | 0,96 | 212 230 | 277 298 | 353 377 | 440 468 | DWG05 | SM03 | NB3117Z | | |
| 54,4 45 | 146 | 179 197 | 200 | 172 | 166 | 1,2 | 1,20 | 1,03 | 243 261 | 318 337 | 404 427 | 501 530 | DWG02 | SM00 | NB1118Z | | |
| 54,4 45 | 111 | 124 147 | 178 | 153 | 162 | 0,9 | 1,23 | 1,06 | 199 214 | 244 262 | 321 341 | 411 434 | DWG02 | SM05 | NB1118Z | | |
| 54,4 45 | 111 | 124 147 | 178 | 153 | 162 | 0,9 | 1,23 | 1,06 | 199 214 | 244 262 | 321 341 | 411 434 | DWG02 | SM05 | NB2118Z | | |
| 54,4 45 | 146 | 179 197 | 200 | 172 | 166 | 1,2 | 1,20 | 1,03 | 243 261 | 318 337 | 404 427 | 501 530 | DWG02 | SM00 | NB1119Z | | |
| 54,4 45 | 146 | 179 197 | 200 | 172 | 160 | 1,3 | 1,25 | 1,08 | 243 261 | 318 337 | 404 427 | 501 530 | DWG05 | SM03 | NB3119Z | | |
| 54,4 45 | 184 | 229 245 | 252 | 217 | 198 | 1,5 | 1,27 | 1,09 | 303 322 | 393 412 | 497 518 | 618 640 | DWG03 | SM03 | NE1121Z | | |
| 54,4 45 | 184 | 229 245 | 252 | 217 | 198 | 1,5 | 1,27 | 1,09 | 303 322 | 393 412 | 497 518 | 618 640 | DWG03 | SM03 | NE1121Z | | |
| 54,4 45 | 182 | 226 242 | 250 | 215 | 204 | 1,4 | 1,22 | 1,05 | 301 319 | 391 411 | 496 519 | 618 640 | DWG03 | SM05 | NE2121Z | | |
| 54,4 45 | 184 | 229 245 | 252 | 217 | 198 | 1,4 | 1,27 | 1,09 | 303 322 | 393 412 | 497 518 | 618 640 | DWG03 | SM05 | NE2121Z | | |
| 54,4 45 | 235 | 293 313 | 322 | 277 | 245 | 1,5 | 1,32 | 1,14 | 385 408 | 495 520 | 623 650 | 772 800 | DWG03 | SM03 | NE1130Z | | |
| 54,4 45 | 235 | 293 313 | 322 | 277 | 245 | 1,5 | 1,32 | 1,14 | 385 408 | 495 520 | 623 650 | 772 800 | DWG03 | SM03 | NE1130Z | | |
| 54,4 45 | 254 | 313 332 | 344 | 296 | 260 | 2,1 | 1,32 | 1,14 | 409 430 | 525 547 | 660 684 | 817 843 | DWG03 | SM05 | NE2130Z | | |
| 54,4 45 | 228 | 283 299 | 314 | 270 | 260 | 2,1 | 1,21 | 1,04 | 375 388 | 482 495 | 604 620 | 742 763 | DWG03 | SM05 | NE2130Z | | |
| 54,4 45 | 263 | 324 345 | 356 | 306 | 291 | 2,3 | 1,22 | 1,05 | 438 453 | 556 585 | 706 741 | 880 921 | DWG03 | SM05 | NE2134Z | | |
| 54,4 45 | 308 | 357 389 | 396 | 341 | 367 | 2,8 | 1,08 | 0,93 | 482 512 | 639 678 | 830 887 | 1055 1139 | DWG08 | SM09 | T2134Z | | |
| 54,4 45 | 327 | 389 434 | 438 | 377 | 367 | 2,5 | 1,19 | 1,02 | 547 591 | 746 799 | 986 1057 | 1266 1364 | DWG08 | SM08 | T2140Z | | |
| 54,4 45 | 327 | 389 434 | 438 | 377 | 367 | 2,5 | 1,19 | 1,02 | 547 591 | 746 799 | 986 1057 | 1266 1364 | DWG08 | SM08 | T2140Z | | |
| 54,4 45 | 360 | 521 551 | 602 | 518 | 438 | 2,9 | 1,37 | 1,18 | 768 777 | 1045 1039 | 1351 1335 | 1687 1666 | DWG13 | SM14 | J2152Z | | |
| 54,4 45 | 360 | 521 551 | 602 | 518 | 438 | 2,9 | 1,37 | 1,18 | 768 777 | 1045 1039 | 1351 1335 | 1687 1666 | DWG14 | SM14 | NJ2152Z | | |

FREQUENCY APPLICATION REFRIGERANT
50 Hz HBP R 134a

| Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] Subcooled conditions [W] | | | | | | | | | | | | Drawings | | MODEL |
|--------------------------------|---|-----|------------|------------|------------|----------------|---------------------|-----------------|----------------|--------------|------|-----------------------|------------------------|-------------------|---------|
| | Rated Point +7.2°C | | | | | | | | | | +10 | External View ref. | Wiring Diagram ref. | | |
| | -15 | -10 | -5 | 0 | +5 | Cooling [W] | Cooling [kcal/h] | W. input [W] | Current [A] | EER [W/W] | | | | EER [kcal/h/W] | |
| 54,4 45 | 125 | 161 | 173 204 | 218 256 | 270 315 | 295 | 254 | 154 | 0,9 | 1,91 | 1,64 | 328 382 | DWG01 | SM00 | BP5125H |
| 54,4 45 | 125 | 161 | 173 204 | 218 256 | 270 315 | 295 | 254 | 154 | 0,9 | 1,91 | 1,64 | 328 382 | DWG01 | SM05 | BP6125H |
| 54,4 45 | 149 | 190 | 207 241 | 259 302 | 320 373 | 349 | 300 | 194 | 1,0 | 1,80 | 1,55 | 389 453 | DWG01 | SM00 | BP5128H |
| 54,4 45 | 149 | 190 | 207 241 | 259 302 | 320 373 | 349 | 300 | 194 | 1,0 | 1,80 | 1,55 | 389 453 | DWG01 | SM00 | BP5128H |
| 54,4 45 | 149 | 190 | 207 241 | 259 302 | 320 373 | 349 | 300 | 194 | 1,0 | 1,80 | 1,55 | 389 453 | DWG07 | SM05 | BP6128H |
| 54,4 45 | 162 | 208 | 229 264 | 287 331 | 354 408 | 386 | 332 | 202 | 1,1 | 1,91 | 1,64 | 429 495 | DWG01 | SM00 | BP5132H |
| 54,4 45 | 162 | 208 | 229 264 | 287 331 | 354 408 | 386 | 332 | 212 | 2,8 | 1,82 | 1,57 | 429 495 | DWG01 | SM00 | BP5132H |
| 54,4 45 | 162 | 208 | 229 264 | 287 331 | 354 408 | 386 | 332 | 202 | 1,1 | 1,91 | 1,64 | 429 495 | DWG01 | SM05 | BP6132H |

REFRIGERANT APPLICATION FREQUENCY
R 134a HBP 50 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA [A] | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|----------|--------------|-------|--------|---|------------|------------|-------------|----------------------|------|--------|--------|------|---------------|------|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] [oz] | Type | [kg] | [lb] | [mm] | [in] | | |
| NB5132Z | 5,02 | 0,31 | 293CA | 220-240 V 50 Hz 1~ | RSIR | 8,3 | C | 350 | 12 | POE 22 | 9,5 | 20,9 | 177,0 | 7,0 | S |
| NB5144Z | 6,05 | 0,37 | 294AA | 220-240 V 50 Hz 1~ | RSIR | 11,5 | C | 350 | 12 | POE 22 | 9,7 | 21,4 | 187,0 | 7,4 | F |
| NB6144Z | 6,05 | 0,37 | 294BA | 220-240 V 50 Hz 1~ | CSIR | 7,5 | C/V | 350 | 12 | POE 22 | 9,7 | 21,4 | 187,0 | 7,4 | F |
| NE5160Z | 8,00 | 0,49 | 261AA | 220-240 V 50 Hz 1~ | RSIR | 13,4 | C | 350 | 12 | POE 22 | 9,9 | 21,8 | 187,0 | 7,4 | F |
| NE6160Z | 8,00 | 0,49 | 261BA | 220-240 V 50 Hz 1~ | CSIR | 10,8 | C/V | 350 | 12 | POE 22 | 10,4 | 22,9 | 187,0 | 7,4 | F |
| NE6160Z | 8,00 | 0,49 | 261BN | 200-240 V 50 Hz 1~ / 230 V 60 Hz 1~ | CSIR | 15,3 | C/V | 350 | 12 | POE 22 | 10,4 | 22,9 | 187,0 | 7,4 | F |
| NE5170Z | 8,78 | 0,54 | 261CA | 220-240 V 50 Hz 1~ | RSIR | 13,5 | C | 350 | 12 | POE 22 | 10,4 | 22,9 | 187,0 | 7,4 | F |
| NE6170Z | 8,78 | 0,54 | 261DA | 220-240 V 50 Hz 1~ | CSIR | 11,0 | C/V | 350 | 12 | POE 22 | 10,4 | 22,9 | 187,0 | 7,4 | F |
| NE6170Z | 8,78 | 0,54 | 262RN | 200-240 V 50 Hz 1~ / 230 V 60 Hz 1~ | CSIR | 16,5 | C/V | 350 | 12 | POE 22 | 10,3 | 22,7 | 200,0 | 7,9 | F |
| NE5187Z | 12,12 | 0,74 | 261EA | 220-240 V 50 Hz 1~ | RSIR | 17,4 | C | 350 | 12 | POE 22 | 10,4 | 22,9 | 187,0 | 7,4 | F |
| NE6187Z | 12,12 | 0,74 | 261FA | 220-240 V 50 Hz 1~ | CSIR | 13,8 | C/V | 350 | 12 | POE 22 | 10,4 | 22,9 | 187,0 | 7,4 | F |
| NE6187Z | 12,12 | 0,74 | 262EN | 200-240 V 50 Hz 1~ / 230 V 60 Hz 1~ | CSIR | 16,5 | C/V | 350 | 12 | POE 22 | 10,4 | 22,9 | 200,0 | 7,9 | F |
| NE6210Z | 13,54 | 0,83 | 262FA | 220-240 V 50 Hz 1~ | CSIR | 17,4 | C/V | 350 | 12 | POE 22 | 11,0 | 24,3 | 200,0 | 7,9 | F |
| NEK6170Z | 8,4 | 0,51 | 267BA | 220-240 V 50 Hz 1~ | CSIR | 12,4 | C-V | 350 | 12 | POE22 | 10,4 | 22,9 | 187 | 7,4 | F |
| NEK6187Z | 10 | 0,61 | 268AA | 220-240 V 50 Hz 1~ | CSIR | 16,1 | C-V | 350 | 12 | POE22 | 10,4 | 22,9 | 200 | 7,9 | F |
| NEK6210Z | 12,12 | 0,74 | 268BA | 220-240 V 50 Hz 1~ | CSIR | 16,1 | C-V | 350 | 12 | POE22 | 11 | 24,3 | 200 | 7,9 | F |
| NEK6212Z | 14,3 | 0,87 | 269AA | 220-240 V 50 Hz 1~ | CSIR | 19,5 | C-V | 350 | 12 | POE22 | 11,6 | 25,5 | 206 | 8,1 | F |
| T6213Z | 17,40 | 1,06 | 203LN | 200-240 V 50 Hz 1~ / 230 V 60 Hz 1~ | CSIR | 23,3 | C/V | 550 | 19 | POE 22 | 13,7 | 30,2 | 201,0 | 7,9 | F |
| T6213Z | 17,40 | 1,06 | 203LT | 220-230 V 50 Hz 1~ | CSIR | 20,0 | C/V | 550 | 19 | POE 22 | 13,7 | 30,2 | 201,0 | 7,9 | F |
| T6215Z | 20,40 | 1,24 | 206ZA | 220-240 V 50 Hz 1~ | CSIR | 21,0 | C/V | 580 | 20 | POE 22 | 14,2 | 31,3 | 221,0 | 8,7 | F |
| T6215Z | 20,40 | 1,24 | 206ZC | 220 V 50 Hz 1~ | CSIR | 21,0 | C/V | 580 | 20 | POE 22 | 14,5 | 32,0 | 221,0 | 8,7 | F |
| T6215Z | 20,40 | 1,24 | 206ZN | 200-240 V 50 Hz 1~ / 230 V 60 Hz 1~ | CSIR | 28,8 | C/V | 580 | 20 | POE 22 | 16,9 | 37,3 | 221,0 | 8,7 | F |
| T6217Z | 22,40 | 1,24 | 206TA | 220-240 V 50 Hz 1~ | CSIR | 22,5 | C/V | 580 | 20 | POE 22 | 14,2 | 31,3 | 221,0 | 8,7 | F |
| J6220Z | 26,20 | 1,60 | 164HA | 220-240 V 50 Hz 1~ | CSIR | 35,0 | C/V | 890 | 31 | POE 22 | 20,3 | 44,8 | 265,0 | 10,4 | F |
| NJ6220Z | 26,20 | 1,60 | 144HA | 220-240 V 50 Hz 1~ | CSIR | 35,0 | C/V | 890 | 31 | POE 22 | 20,3 | 44,8 | 265,0 | 10,4 | F |
| J6220ZX | 26,20 | 1,60 | 168HM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 10,0 | C/V | 890 | 31 | POE 22 | 19,6 | 43,2 | 265,0 | 10,4 | F |
| NJ6220ZX | 26,20 | 1,60 | 148HM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 10,0 | C/V | 890 | 31 | POE 22 | 19,6 | 43,2 | 265,0 | 10,4 | F |
| J6226Z | 34,37 | 2,10 | 162HA | 220-240 V 50 Hz 1~ | CSR | 31,0 | C/V | 890 | 31 | POE 22 | 20,1 | 44,3 | 253,0 | 10,0 | F |
| NJ6226Z | 34,37 | 2,10 | 142HA | 220-240 V 50 Hz 1~ | CSR | 31,0 | C/V | 890 | 31 | POE 22 | 20,1 | 44,3 | 253,0 | 10,0 | F |
| J6226ZX | 34,37 | 2,10 | 168IM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 13,0 | C/V | 890 | 31 | POE 22 | 20,2 | 44,5 | 265,0 | 10,4 | F |
| NJ6226ZX | 34,37 | 2,10 | 148IM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 13,0 | C/V | 890 | 31 | POE 22 | 20,2 | 44,5 | 265,0 | 10,4 | F |

Note: Please check Test Conditions on page 1.

REFRIGERANT APPLICATION FREQUENCY
R 22 LBP 50 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA [A] | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|---------|--------------|-------|--------|---------------------|------------|------------|-------------|----------------------|------|-------|--------|------|---------------|-----|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] [oz] | Type | [kg] | [lb] | [mm] | [in] | | |
| NE2125E | 8,78 | 0,54 | 261IA | 220-240 V 50 Hz 1~ | CSIR | 11,0 | C/V | 350 | 12 | AB 46 | 10,4 | 22,9 | 187,0 | 7,4 | F |
| NE2134E | 12,12 | 0,74 | 263AA | 220-240 V 50 Hz 1~ | CSIR | 14,8 | C/V | 350 | 12 | AB 46 | 11,5 | 25,4 | 206,0 | 8,1 | F |

Note: Please check Test Conditions on page 1.

| FREQUENCY | APPLICATION | REFRIGERANT |
|-----------|-------------|-------------|
| 50 Hz | HBP | R 134a |

| | Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] Subcooled conditions [W] | | | | | | | | | | | Drawings | | MODEL | | |
|------|--------------------------------|---|------|---------------------------|------|-----------------|----------------|--------------------------|--------------------------|------|-----------------------|------------------------|----------|------|-------|------|----------|
| | | -15 | -10 | Rated Point +7.2°C | | | | | EER [W/W] [kcal/hW] | +10 | External View ref. | Wiring Diagram ref. | | | | | |
| | | | | Cooling [W] [kcal/h] | | W. input [W] | Current [A] | EER [W/W] [kcal/hW] | | | | | | | | | |
| 54.4 | 45 | 180 | 237 | 250 | 314 | 387 | 423 | 364 | 216 | 1,2 | 1,96 | 1,69 | 471 | 543 | DWG02 | SM03 | NB5132Z |
| 45 | 302 | | | 375 | 455 | | | | | | | | | | | | |
| 54.4 | 45 | 238 | 300 | 326 | 403 | 492 | 534 | 459 | 281 | 1,6 | 1,91 | 1,64 | 591 | 670 | DWG03 | SM03 | NB5144Z |
| 45 | 374 | | | 461 | 560 | | | | | | | | | | | | |
| 54.4 | 45 | 238 | 300 | 326 | 403 | 492 | 534 | 459 | 281 | 1,6 | 1,91 | 1,64 | 591 | 670 | DWG03 | SM05 | NB6144Z |
| 45 | 374 | | | 461 | 560 | | | | | | | | | | | | |
| 54.4 | 45 | 260 | 341 | 374 | 492 | 623 | 686 | 590 | 299 | 1,8 | 2,30 | 1,98 | 769 | 907 | DWG03 | SM03 | NE5160Z |
| 45 | 447 | | | 576 | 730 | | | | | | | | | | | | |
| 54.4 | 45 | 260 | 341 | 374 | 492 | 623 | 686 | 590 | 299 | 1,8 | 2,30 | 1,98 | 769 | 907 | DWG03 | SM05 | NE6160Z |
| 45 | 447 | | | 576 | 730 | | | | | | | | | | | | |
| 54.4 | 45 | 270 | 359 | 391 | 505 | 636 | 700 | 602 | 303 | 2,0 | 2,31 | 1,99 | 785 | 917 | DWG03 | SM05 | NE6160Z |
| 45 | 469 | | | 598 | 748 | | | | | | | | | | | | |
| 54.4 | 45 | 311 | 411 | 448 | 577 | 728 | 801 | 689 | 344 | 2,0 | 2,32 | 1,98 | 900 | 1048 | DWG03 | SM03 | NE5170Z |
| 45 | 535 | | | 683 | 854 | | | | | | | | | | | | |
| 54.4 | 45 | 314 | 411 | 443 | 570 | 718 | 789 | 679 | 344 | 1,9 | 2,32 | 1,98 | 885 | 1035 | DWG03 | SM05 | NE6170Z |
| 45 | 532 | | | 676 | 844 | | | | | | | | | | | | |
| 54.4 | 45 | 314 | 411 | 443 | 570 | 718 | 789 | 679 | 344 | 2,3 | 2,32 | 1,98 | 885 | 1035 | DWG03 | SM05 | NE6170Z |
| 45 | 532 | | | 676 | 844 | | | | | | | | | | | | |
| 54.4 | 45 | 454 | 586 | 637 | 804 | 997 | 1089 | 937 | 520 | 3,0 | 2,09 | 1,80 | 1214 | 1400 | DWG03 | SM03 | NE5187Z |
| 45 | 747 | | | 936 | 1154 | | | | | | | | | | | | |
| 54.4 | 45 | 454 | 586 | 637 | 804 | 997 | 1089 | 937 | 520 | 3,0 | 2,09 | 1,80 | 1214 | 1400 | DWG03 | SM05 | NE6187Z |
| 45 | 747 | | | 936 | 1154 | | | | | | | | | | | | |
| 54.4 | 45 | 454 | 586 | 639 | 809 | 1006 | 1101 | 947 | 480 | 2,8 | 2,29 | 1,97 | 1229 | 1416 | DWG03 | SM05 | NE6187Z |
| 45 | 748 | | | 940 | 1163 | | | | | | | | | | | | |
| 54.4 | 45 | 513 | 661 | 723 | 913 | 1134 | 1240 | 1066 | 553 | 3,1 | 2,24 | 1,93 | 1384 | 1595 | DWG03 | SM05 | NE6210Z |
| 45 | 843 | | | 1059 | 1310 | | | | | | | | | | | | |
| 54.4 | 45 | 366 | 460 | 503 | 626 | 767 | 837 | 720 | 347 | 2,10 | 2,41 | 2,08 | 929 | 1056 | DWG03 | SM05 | NEK6170Z |
| 45 | 577 | | | 714 | 874 | | | | | | | | | | | | |
| 54.4 | 45 | 414 | 521 | 569 | 715 | 884 | 967 | 832 | 410 | 2,61 | 2,35 | 2,03 | 1077 | 1221 | DWG03 | SM05 | NEK6187Z |
| 45 | 656 | | | 817 | 1006 | | | | | | | | | | | | |
| 54.4 | 45 | 500 | 631 | 690 | 862 | 1051 | 1140 | 980 | 497 | 2,86 | 2,29 | 1,97 | 1257 | 1448 | DWG03 | SM05 | NEK6210Z |
| 45 | 793 | | | 983 | 1200 | | | | | | | | | | | | |
| 54.4 | 45 | 558 | 705 | 767 | 960 | 1186 | 1292 | 1111 | 602 | 3,53 | 2,15 | 1,85 | 1437 | 1635 | DWG03 | SM05 | NEK6212Z |
| 45 | 885 | | | 1101 | 1353 | | | | | | | | | | | | |
| 54.4 | 45 | 523 | 736 | 835 | 1068 | 1335 | 1463 | 1258 | 677 | 4,3 | 2,16 | 1,86 | 1635 | 1889 | DWG08 | SM09 | T6213Z |
| 45 | 979 | | | 1252 | 1555 | | | | | | | | | | | | |
| 54.4 | 45 | 523 | 736 | 835 | 1068 | 1335 | 1463 | 1258 | 673 | 3,8 | 2,17 | 1,87 | 1635 | 1889 | DWG08 | SM09 | T6213Z |
| 45 | 979 | | | 1252 | 1555 | | | | | | | | | | | | |
| 54.4 | 45 | 682 | 894 | 1003 | 1288 | 1616 | 1774 | 1526 | 807 | 4,5 | 2,20 | 1,89 | 1987 | 2336 | DWG08 | SM09 | T6215Z |
| 45 | 1166 | | | 1497 | 1887 | | | | | | | | | | | | |
| 54.4 | 45 | 684 | 897 | 998 | 1291 | 1634 | 1800 | 1548 | 815 | 4,9 | 2,21 | 1,90 | 2026 | 2342 | DWG08 | SM09 | T6215Z |
| 45 | 1169 | | | 1500 | 1891 | | | | | | | | | | | | |
| 54.4 | 45 | 684 | 897 | 998 | 1291 | 1634 | 1800 | 1548 | 811 | 4,9 | 2,22 | 1,91 | 2026 | 2342 | DWG08 | SM09 | T6215Z |
| 45 | 1169 | | | 1500 | 1891 | | | | | | | | | | | | |
| 54.4 | 45 | 718 | 973 | 1062 | 1374 | 1737 | 1913 | 1645 | 867 | 4,8 | 2,20 | 1,89 | 1987 | 2464 | DWG08 | SM09 | T6217Z |
| 45 | 1275 | | | 1624 | 2020 | | | | | | | | | | | | |
| 54.4 | 45 | 962 | 1263 | 1471 | 1881 | 2330 | 2541 | 2185 | 978 | 5,7 | 2,60 | 2,24 | 2819 | 3206 | DWG13 | SM14 | J6220Z |
| 45 | 2087 | | | 2610 | | | | | | | | | | | | | |
| 54.4 | 45 | 962 | 1263 | 1471 | 1881 | 2330 | 2541 | 2185 | 978 | 5,7 | 2,60 | 2,24 | 2819 | 3206 | DWG14 | SM14 | NJ6220Z |
| 45 | 2087 | | | 2610 | | | | | | | | | | | | | |
| 54.4 | 45 | 962 | 1263 | 1471 | 1881 | 2330 | 2541 | 2185 | 875 | 1,6 | 2,90 | 2,49 | 2819 | 3206 | DWG13 | SM18 | J6220ZX |
| 45 | 2087 | | | 2610 | | | | | | | | | | | | | |
| 54.4 | 45 | 962 | 1263 | 1471 | 1881 | 2330 | 2541 | 2185 | 875 | 1,6 | 2,90 | 2,49 | 2819 | 3206 | DWG14 | SM18 | NJ6220ZX |
| 45 | 2087 | | | 2610 | | | | | | | | | | | | | |
| 54.4 | 45 | 1421 | 1791 | 1764 | 2226 | 2732 | 2969 | 2553 | 1232 | 6,0 | 2,41 | 2,07 | 3282 | 3945 | DWG13 | SM17 | J6226Z |
| 45 | 2229 | | | 2734 | 3306 | | | | | | | | | | | | |
| 54.4 | 45 | 1421 | 1791 | 1764 | 2226 | 2732 | 2969 | 2553 | 1232 | 6,0 | 2,41 | 2,07 | 3282 | 3945 | DWG14 | SM17 | NJ6226Z |
| 45 | 2229 | | | 2734 | 3306 | | | | | | | | | | | | |
| 54.4 | 45 | 1421 | 1791 | 1764 | 2226 | 2732 | 2969 | 2553 | 1190 | 2,3 | 2,49 | 2,14 | 3282 | 3945 | DWG13 | SM18 | J6226ZX |
| 45 | 2229 | | | 2734 | 3306 | | | | | | | | | | | | |
| 54.4 | 45 | 1421 | 1791 | 1764 | 2226 | 2732 | 2969 | 2553 | 1190 | 2,3 | 2,49 | 2,14 | 3282 | 3945 | DWG14 | SM18 | NJ6226ZX |
| 45 | 2229 | | | 2734 | 3306 | | | | | | | | | | | | |

| FREQUENCY | APPLICATION | REFRIGERANT |
|-----------|-------------|-------------|
| 50 Hz | LBP | R 22 |

| | Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] Subcooled conditions [W] | | | | | | | | | | Drawings | | MODEL | |
|------|--------------------------------|---|-----|---------------------------|-----|-----------------|----------------|--------------------------|------|-----|-----|-----------------------|------------------------|-------|---------|
| | | -30 | -25 | Rated Point -23.3°C | | | | | -20 | -15 | -10 | External View ref. | Wiring Diagram ref. | | |
| | | | | Cooling [W] [kcal/h] | | W. input [W] | Current [W] | EER [W/W] [kcal/hW] | | | | | | | |
| 54.4 | 45 | 226 | 304 | 293 | 252 | 278 | 1,5 | 1,06 | 0,91 | 353 | 458 | 582 | DWG03 | SM05 | NE2125E |
| 45 | 401 | | | 517 | 651 | | | | | | | | | | |
| 54.4 | 45 | 331 | 441 | 429 | 369 | 391 | 2,6 | 1,10 | 0,94 | 518 | 670 | 843 | DWG03 | SM05 | NE2134E |
| 45 | 576 | | | 737 | 924 | | | | | | | | | | |

REFRIGERANT APPLICATION FREQUENCY
R 22 LBP 50 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|---------|--------------|-------|--------|-------------------------------------|------------|------|-------------|--------------|-------|-------|--------|------|---------------|------|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] | [oz²] | Type | [kg] | [lb] | [mm] | [in] | |
| T2140E- | 14,50 | 0,88 | 116AA | 220-240 V 50 Hz 1~ | CSIR | 22,0 | C/V | 580 | 20 | AB 46 | 17,1 | 37,7 | 221,0 | 8,7 | F |
| T2155E | 17,40 | 1,06 | 116BA | 220-240 V 50 Hz 1~ | CSR | 18,0 | C/V | 580 | 20 | AB 46 | 16,3 | 35,9 | 221,0 | 8,7 | F |
| T2155E | 17,40 | 1,06 | 116BK | 200-220 V 50 Hz 1~ / 230 V 60 Hz 1~ | CSR | 22,0 | C/V | 580 | 20 | AB 46 | 16,3 | 35,9 | 221,0 | 8,7 | F |
| T2168E | 20,40 | 1,24 | 116UA | 220-240 V 50 Hz 1~ | CSR | 18,0 | C/V | 580 | 20 | AB 46 | 16,6 | 36,6 | 221,0 | 8,7 | F |
| J2178E | 23,50 | 1,43 | 164GA | 220-240 V 50 Hz 1~ | CSR | 26,0 | C/V | 890 | 31 | AB 46 | 20,2 | 44,5 | 265,0 | 10,4 | F |
| NJ2178E | 23,50 | 1,43 | 144GA | 220-240 V 50 Hz 1~ | CSR | 26,0 | C/V | 890 | 31 | AB 46 | 20,2 | 44,5 | 265,0 | 10,4 | F |
| J2190E | 27,12 | 1,65 | 163NV | 230 V 50 Hz 1~ | CSR | 37,0 | C/V | 890 | 31 | AB 46 | 21,5 | 47,4 | 265,0 | 10,4 | F |
| NJ2190E | 27,12 | 1,65 | 143NV | 230 V 50 Hz 1~ | CSR | 37,0 | C/V | 890 | 31 | AB 46 | 21,5 | 47,4 | 265,0 | 10,4 | F |

Note: Please check Test Conditions on page 1.

REFRIGERANT APPLICATION FREQUENCY
R 22 HBP 50 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|---------|--------------|-------|--------|-------------------------------------|------------|------|-------------|--------------|-------|-------|--------|------|---------------|------|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] | [oz²] | Type | [kg] | [lb] | [mm] | [in] | |
| NB6144E | 4,52 | 0,28 | 294IA | 220-240 V 50 Hz 1~ | CSIR | 15,3 | C/V | 350 | 12 | AB 46 | 10,3 | 22,7 | 187,0 | 7,4 | F |
| NB6152E | 5,02 | 0,31 | 294LA | 220-240 V 50 Hz 1~ | CSIR | 15,3 | C/V | 350 | 12 | AB 46 | 10,5 | 23,1 | 187,0 | 7,4 | F |
| NB6165E | 6,05 | 0,37 | 294NA | 220-240 V 50 Hz 1~ | CSIR | 13,8 | C/V | 350 | 12 | AB 46 | 10,0 | 22,0 | 187,0 | 7,4 | F |
| NE6181E | 7,28 | 0,44 | 262LA | 220-240 V 50 Hz 1~ | CSIR | 16,5 | C/V | 350 | 12 | AB 46 | 10,0 | 22,0 | 200,0 | 7,9 | F |
| NE5210E | 8,78 | 0,54 | 262MN | 200-240 V 50 Hz 1~ / 230 V 60 Hz 1~ | RSIR | 17,5 | C | 350 | 12 | AB 46 | 10,4 | 22,9 | 200,0 | 7,4 | F |
| NE6210E | 8,78 | 0,54 | 261NA | 220-240 V 50 Hz 1~ | CSIR | 13,8 | C/V | 350 | 12 | AB 46 | 10,4 | 22,9 | 187,0 | 7,4 | F |
| NE6211E | 9,27 | 0,57 | 262HA | 220-240 V 50 Hz 1~ | CSIR | 17,5 | C/V | 350 | 12 | AB 46 | 10,4 | 22,9 | 200,0 | 7,9 | F |
| T6217E | 14,50 | 0,88 | 116TA | 220-240 V 50 Hz 1~ | CSR | 18,0 | C/V | 580 | 20 | AB 46 | 16,3 | 35,9 | 221,0 | 8,7 | F |
| T6220E | 17,40 | 1,06 | 116SA | 220-240 V 50 Hz 1~ | CSR | 20,0 | C/V | 580 | 20 | AB 46 | 16,9 | 37,3 | 221,0 | 8,7 | F |
| T6220E | 17,40 | 1,06 | 116JK | 200-220 V 50 Hz / 230 60 Hz | CSR | 31,0 | C/V | 580 | 20 | AB 46 | 16,9 | 37,3 | 221,0 | 8,7 | F |

Note: Please check Test Conditions on page 1.

REFRIGERANT APPLICATION FREQUENCY
R 22 M/HBP 50 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|---------|--------------|-------|--------|---|------------|------|-------------|--------------|-------|-------|--------|------|---------------|------|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] | [oz²] | Type | [kg] | [lb] | [mm] | [in] | |
| NE9213E | 12,12 | 0,74 | 263EA | 220-240 V 50 Hz 1~ | CSR | 16,0 | C/V | 350 | 12 | AB 46 | 11,7 | 25,8 | 206,0 | 8,1 | F |
| J9226E | 21,70 | 1,32 | 164IV | 230 V 50 Hz 1~ | CSR | 27,5 | C/V | 890 | 31 | AB 46 | 20,5 | 45,2 | 265,0 | 10,4 | F |
| NJ9226E | 21,70 | 1,32 | 144IV | 230 V 50 Hz 1~ | CSR | 27,5 | C/V | 890 | 31 | AB 46 | 20,5 | 45,2 | 265,0 | 10,4 | F |
| J9226P | 21,70 | 1,32 | 168MM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 10,0 | C/V | 890 | 31 | AB 46 | 22,1 | 48,7 | 265,0 | 10,4 | F |
| NJ9226P | 21,70 | 1,32 | 148MM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 10,0 | C/V | 890 | 31 | AB 46 | 22,1 | 48,7 | 265,0 | 10,4 | F |
| J9232E | 26,20 | 1,60 | 163MK | 200-220 V 50 Hz 1~ / 230 V 60 Hz 1~ | CSR | 42,5 | C/V | 890 | 31 | AB 46 | 21,5 | 47,4 | 277,0 | 10,9 | F |
| NJ9232E | 26,20 | 1,60 | 143MV | 200-220 V 50 Hz 1~ / 230 V 60 Hz 1~ | CSR | 42,5 | C/V | 890 | 31 | AB 46 | 21,5 | 47,4 | 277,0 | 10,9 | F |

Note: Please check Test Conditions on page 1.

| FREQUENCY | APPLICATION | REFRIGERANT |
|--------------|-------------|-------------|
| 50 Hz | LBP | R 22 |

| Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] Subcooled conditions [W] | | | | | | | | | | | Drawings | | MODEL |
|--------------------------------|---|------|-------------------------|------|-----------------|----------------|------------------------|------|------|------|------|-----------------------|------------------------|---------|
| | Rated Point -23,3°C | | | | | | | | | | | External View ref. | Wiring Diagram ref. | |
| | -30 | -25 | Cooling [W] [kcal/h] | | W. input [W] | Current [W] | EER [W/W] [kcal/hW] | | -20 | -15 | -10 | | | |
| 54,4 | 348 | 482 | 496 | 427 | 420 | 2,9 | 1,18 | 1,01 | 604 | 796 | 1023 | DWG09 | SM09 | T2140E- |
| 45 | | | 654 | 866 | | | | | 1116 | | | | | |
| 54,4 | 427 | 591 | 599 | 515 | 484 | 2,2 | 1,24 | 1,07 | 731 | 965 | 1241 | DWG11 | SM13 | T2155E |
| 45 | | | 798 | 1049 | | | | | 1344 | | | | | |
| 54,4 | 427 | 591 | 599 | 515 | 484 | 2,2 | 1,24 | 1,07 | 731 | 965 | 1241 | DWG11 | SM13 | T2155E |
| 45 | | | 798 | 1049 | | | | | 1344 | | | | | |
| 54,4 | 547 | 725 | 759 | 653 | 585 | 2,7 | 1,30 | 1,12 | 948 | 1304 | 1744 | DWG11 | SM13 | T2168E |
| 45 | | | 963 | 1262 | | | | | 1622 | | | | | |
| 54,4 | 668 | 918 | 912 | 784 | 729 | 3,3 | 1,25 | 1,08 | 1099 | 1425 | 1803 | DWG13 | SM16 | J2178E |
| 45 | | | 1216 | 1560 | | | | | 1953 | | | | | |
| 54,4 | 668 | 918 | 912 | 784 | 729 | 3,3 | 1,25 | 1,08 | 1099 | 1425 | 1803 | DWG14 | SM16 | NJ2178E |
| 45 | | | 1216 | 1560 | | | | | 1953 | | | | | |
| 54,4 | 782 | 1078 | 1060 | 912 | 819 | 4,1 | 1,29 | 1,11 | 1280 | 1662 | 2104 | DWG13 | SM16 | J2190E |
| 45 | | | 1426 | 1826 | | | | | 2279 | | | | | |
| 54,4 | 782 | 1078 | 1060 | 912 | 819 | 4,1 | 1,29 | 1,11 | 1280 | 1662 | 2104 | DWG14 | SM16 | NJ2190E |
| 45 | | | 1426 | 1826 | | | | | 2279 | | | | | |

| FREQUENCY | APPLICATION | REFRIGERANT |
|--------------|-------------|-------------|
| 50 Hz | HBP | R 22 |

| Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] Subcooled conditions [W] | | | | | | | | | | | | | Drawings | | MODEL |
|--------------------------------|---|------|------|------|------|-------------------------|------|-----------------|----------------|------------------------|------|------|-------|-----------------------|------------------------|-------|
| | Rated Point +7,2°C | | | | | | | | | | | | | External View ref. | Wiring Diagram ref. | |
| | -15 | -10 | -5 | 0 | +5 | Cooling [W] [kcal/h] | | W. input [W] | Current [A] | EER [W/W] [kcal/hW] | | +10 | | | | |
| 54,4 | 252 | 316 | 339 | 419 | 511 | 555 | 486 | 289 | 2,0 | 1,92 | 1,65 | 615 | DWG03 | SM05 | NB6144E | |
| 45 | | | 393 | 482 | 584 | | | | | | | | | | | |
| 54,4 | 296 | 368 | 394 | 483 | 584 | 632 | 544 | 351 | 2,1 | 1,80 | 1,55 | 697 | DWG03 | SM05 | NB6152E | |
| 45 | | | 454 | 554 | 669 | | | | | | | | | | | |
| 54,4 | 368 | 453 | 485 | 592 | 714 | 772 | 664 | 439 | 2,7 | 1,76 | 1,51 | 851 | DWG03 | SM05 | NB6165E | |
| 45 | | | 556 | 676 | 815 | | | | | | | | | | | |
| 54,4 | 413 | 523 | 561 | 705 | 873 | 954 | 820 | 414 | 2,6 | 2,32 | 2,00 | 1063 | DWG03 | SM05 | NE6181E | |
| 45 | | | 661 | 826 | 1018 | | | | | | | | | | | |
| 54,4 | 522 | 656 | 704 | 872 | 1065 | 1157 | 995 | 523 | 3,2 | 2,21 | 1,90 | 1281 | DWG03 | SM03 | NE5210E | |
| 45 | | | 819 | 1012 | 1234 | | | | | | | | | | | |
| 54,4 | 499 | 627 | 670 | 836 | 1026 | 1118 | 961 | 535 | 3,0 | 2,09 | 1,80 | 1241 | DWG03 | SM05 | NE6210E | |
| 45 | | | 978 | 1199 | 1452 | | | | | | | | | | | |
| 54,4 | 465 | 686 | 783 | 968 | 1179 | 1290 | 1109 | 606 | 3,2 | 2,13 | 1,83 | 1425 | DWG03 | SM05 | NE6211E | |
| 45 | | | 1060 | 1291 | 1548 | | | | | | | | | | | |
| 54,4 | 678 | 979 | 1073 | 1388 | 1728 | 1885 | 1621 | 714 | 3,4 | 2,64 | 2,27 | 2093 | DWG12 | SM13 | T6217E | |
| 45 | | | 1306 | 1659 | 2039 | | | | | | | | | | | |
| 54,4 | 886 | 1204 | 1345 | 1682 | 2065 | 2248 | 1933 | 846 | 3,8 | 2,66 | 2,29 | 2494 | DWG12 | SM13 | T6220E | |
| 45 | | | 1543 | 1902 | 2283 | | | | | | | | | | | |
| 54,4 | 886 | 1204 | 1345 | 1682 | 2065 | 2248 | 1933 | 846 | 3,8 | 2,66 | 2,29 | 2494 | DWG12 | SM13 | T6220E | |
| 45 | | | 1543 | 1902 | 2283 | | | | | | | | | | | |

| FREQUENCY | APPLICATION | REFRIGERANT |
|--------------|--------------|-------------|
| 50 Hz | M/HBP | R 22 |

| Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] Subcooled conditions [W] | | | | | | | | | | | | | Drawings | | MODEL |
|--------------------------------|---|------|------|------|------|------|-------------------------|------|-----------------|----------------|------------------------|------|------|-----------------------|------------------------|---------|
| | Rated Point +7,2°C | | | | | | | | | | | | | External View ref. | Wiring Diagram ref. | |
| | -20 | -15 | -10 | -5 | 0 | +5 | Cooling [W] [kcal/h] | | W. input [W] | Current [A] | EER [W/W] [kcal/hW] | | +10 | | | |
| 54,4 | 535 | 701 | 902 | 980 | 1220 | 1491 | 1620 | 1393 | 674 | 3,1 | 2,40 | 2,06 | 1792 | DWG03 | SM06 | NE9213E |
| 45 | | | | 1137 | 1406 | 1711 | | | | | | | | | | |
| 54,4 | 968 | 1274 | 1647 | 1792 | 2249 | 2769 | 3018 | 2595 | 1124 | 5,0 | 2,68 | 2,30 | 3352 | DWG13 | SM17 | J9226E |
| 45 | | | | 2086 | 2591 | 3163 | | | | | | | | | | |
| 54,4 | 968 | 1274 | 1647 | 1792 | 2249 | 2769 | 3018 | 2595 | 1124 | 5,0 | 2,68 | 2,30 | 3352 | DWG14 | SM17 | NJ9226E |
| 45 | | | | 2086 | 2591 | 3163 | | | | | | | | | | |
| 54,4 | 968 | 1274 | 1647 | 1811 | 2257 | 2770 | 3018 | 2595 | 1134 | 2,1 | 2,66 | 2,29 | 3353 | DWG13 | SM18 | J9226P |
| 45 | | | | 2086 | 2591 | 3163 | | | | | | | | | | |
| 54,4 | 968 | 1274 | 1647 | 1811 | 2257 | 2770 | 3018 | 2595 | 1134 | 2,1 | 2,66 | 2,29 | 3353 | DWG14 | SM18 | NJ9226P |
| 45 | | | | 2086 | 2591 | 3163 | | | | | | | | | | |
| 54,4 | 1158 | 1522 | 1974 | 2159 | 2695 | 3313 | 3611 | 3105 | 1384 | 6,7 | 2,61 | 2,24 | 4013 | DWG13 | SM17 | J9232E |
| 45 | | | | 2514 | 3142 | 3857 | | | | | | | | | | |
| 54,4 | 1158 | 1522 | 1974 | 2159 | 2695 | 3313 | 3611 | 3105 | 1384 | 6,7 | 2,61 | 2,24 | 4013 | DWG14 | SM17 | NJ9232E |
| 45 | | | | 2514 | 3142 | 3857 | | | | | | | | | | |

REFRIGERANT APPLICATION FREQUENCY
R 22 M/HBP 50 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA | Exp-Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|---------|--------------|-------|--------|---|------------|------|------------|--------------|-------|-------|--------|------|---------------|------|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] | [oz²] | Type | [kg] | [lb] | [mm] | [in] | |
| J9232E | 26,20 | 1,60 | 163MK | 230 V 50 Hz 1~ | CSR | 33,7 | C/V | 890 | 31 | AB 46 | 21,5 | 47,4 | 277,0 | 10,9 | F |
| NJ9232E | 26,20 | 1,60 | 143MV | 230 V 50 Hz 1~ | CSR | 33,7 | C/V | 890 | 31 | AB 46 | 21,5 | 47,4 | 277,0 | 10,9 | F |
| J9232P | 26,20 | 1,60 | 167HM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 13,0 | C/V | 890 | 31 | AB 46 | 21,2 | 46,7 | 277,0 | 10,9 | F |
| NJ9232P | 26,20 | 1,60 | 147HM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 13,0 | C/V | 890 | 31 | AB 46 | 21,2 | 46,7 | 277,0 | 10,9 | F |
| J9238E | 32,70 | 2,00 | 163QV | 230 V 50 Hz 1~ | CSR | 43,0 | C/V | 890 | 31 | AB 46 | 21,9 | 48,3 | 277,0 | 10,9 | F |
| NJ9238E | 32,70 | 2,00 | 143QV | 230 V 50 Hz 1~ | CSR | 43,0 | C/V | 890 | 31 | AB 46 | 21,9 | 48,3 | 277,0 | 10,9 | F |
| J9238P | 32,70 | 2,00 | 167LM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 22,0 | C/V | 890 | 31 | AB 46 | 21,7 | 47,8 | 277,0 | 10,9 | F |
| NJ9238P | 32,70 | 2,00 | 147LM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 22,0 | C/V | 890 | 31 | AB 46 | 21,7 | 47,8 | 277,0 | 10,9 | F |

Note: Please check Test Conditions on page 1.

REFRIGERANT APPLICATION FREQUENCY
R 22 AC 50 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA | Exp-Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|---------|--------------|-------|--------|---|------------|------|------------|--------------|-------|-------|--------|------|---------------|------|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] | [oz²] | Type | [kg] | [lb] | [mm] | [in] | |
| NE7213E | 12,12 | 0,73 | 264CA | 220-240 V 50 Hz 1~ | PSC | 13,0 | C | 350 | 12 | MO 32 | 11,6 | 25,6 | 218,0 | 8,6 | F |
| NE7215E | 13,54 | 0,81 | 264DA | 220-240 V 50 Hz 1~ | PSC | 19,0 | C | 350 | 12 | MO 32 | 11,9 | 26,2 | 218,0 | 8,6 | F |
| T7220F | 17,40 | 1,06 | 116WA | 220-240 V 50 Hz 1~ | PSC | 26,0 | C | 580 | 20 | MO 32 | 15,0 | 33,1 | 221,0 | 8,7 | F |
| T7223F | 20,40 | 1,24 | 116DA | 220-240 V 50 Hz 1~ | PSC | 30,0 | C | 580 | 20 | MO 32 | 15,4 | 34,0 | 221,0 | 8,7 | F |
| J7225F | 21,70 | 1,32 | 162GA | 220-240 V 50 Hz 1~ | PSC | 30,0 | C | 890 | 31 | MO 32 | 19,3 | 42,5 | 253,0 | 10,0 | F |
| NJ7225F | 21,70 | 1,32 | 142GA | 220-240 V 50 Hz 1~ | PSC | 30,0 | C | 890 | 31 | MO 32 | 19,3 | 42,5 | 253,0 | 10,0 | F |
| J7225E | 21,70 | 1,32 | 162AA | 220-240 V 50 Hz 1~ | PSC | 27,0 | C | 890 | 31 | AB 46 | 19,3 | 42,5 | 253,0 | 10,0 | F |
| NJ7225E | 21,70 | 1,32 | 142AA | 220-240 V 50 Hz 1~ | PSC | 27,0 | C | 890 | 31 | AB 46 | 19,3 | 42,5 | 253,0 | 10,0 | F |
| J7228F | 23,50 | 1,45 | 162FA | 220-240 V 50 Hz 1~ | PSC | 30,0 | C | 890 | 31 | MO 32 | 20,0 | 44,1 | 253,0 | 10,0 | F |
| NJ7228F | 23,50 | 1,45 | 142FA | 220-240 V 50 Hz 1~ | PSC | 30,0 | C | 890 | 31 | MO 32 | 20,0 | 44,1 | 253,0 | 10,0 | F |
| J7228P | 23,50 | 1,45 | 166DM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 18,0 | C/V | 890 | 31 | MO 32 | 21,5 | 47,4 | 253,0 | 10,0 | F |
| NJ7228P | 23,50 | 1,45 | 146DM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 18,0 | C/V | 890 | 31 | MO 32 | 21,5 | 47,4 | 253,0 | 10,0 | F |
| J7231F | 26,20 | 1,60 | 164EA | 220-240 V 50 Hz 1~ | PSC | 37,0 | C | 890 | 31 | MO 32 | 20,4 | 45,0 | 265,0 | 10,4 | F |
| NJ7231F | 26,20 | 1,60 | 144EA | 220-240 V 50 Hz 1~ | PSC | 37,0 | C | 890 | 31 | MO 32 | 20,4 | 45,0 | 265,0 | 10,4 | F |
| J7231P | 26,20 | 1,60 | 168CM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 18,0 | C/V | 890 | 31 | MO 32 | 20,1 | 44,3 | 265,0 | 10,4 | F |
| NJ7231P | 26,20 | 1,60 | 148CM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 18,0 | C/V | 890 | 31 | MO 32 | 20,1 | 44,3 | 265,0 | 10,4 | F |
| J7238E | 32,70 | 2,00 | 163AA | 220-240 V 50 Hz 1~ | PSC | 51,0 | C | 890 | 31 | MO 32 | 21,4 | 47,2 | 277,0 | 10,9 | F |
| NJ7238E | 32,70 | 2,00 | 143AA | 220-240 V 50 Hz 1~ | PSC | 51,0 | C | 890 | 31 | MO 32 | 21,4 | 47,2 | 277,0 | 10,9 | F |
| J7238P | 32,70 | 2,00 | 167AM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 22,0 | C/V | 890 | 31 | MO 32 | 20,9 | 46,1 | 277,0 | 10,9 | F |
| NJ7238P | 32,70 | 2,00 | 147AM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 22,0 | C/V | 890 | 31 | MO 32 | 20,9 | 46,1 | 277,0 | 10,9 | F |
| J7240F | 34,37 | 2,10 | 163FA | 220-240 V 50 Hz 1~ | PSC | 50,0 | C | 890 | 31 | MO 32 | 22,3 | 49,2 | 277,0 | 10,9 | F |
| NJ7240F | 34,37 | 2,10 | 143FA | 220-240 V 50 Hz 1~ | PSC | 50,0 | C | 890 | 31 | MO 32 | 22,3 | 49,2 | 277,0 | 10,9 | F |
| J7240P | 34,37 | 2,10 | 167CM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 22,0 | C/V | 890 | 31 | MO 32 | 21,4 | 47,2 | 277,0 | 10,9 | F |
| NJ7240P | 34,37 | 2,10 | 147CM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 22,0 | C/V | 890 | 31 | MO 32 | 21,4 | 47,2 | 277,0 | 10,9 | F |

Note: Please check Test Conditions on page 1.

FREQUENCY

APPLICATION

REFRIGERANT

50 Hz

M/HBP

R 22

| Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] Subcooled conditions [W] | | | | | | | | | | | | | Drawings | | MODEL | |
|--------------------------------|---|------|------|--------------|--------------|--------------|------|----------------|----------|-----------------|----------------|--------------|--------------|----------|-----------------------|---------|------------------------|
| | Rated Point +7,2°C | | | | | | | Cooling [W] | [kcal/h] | W. input [W] | Current [A] | EER [W/W] | [kcal/hW] | +10 | External View ref. | | Wiring Diagram ref. |
| | -20 | -15 | -10 | -5 | 0 | +5 | +10 | | | | | | | | | | |
| 54,4 45 | 1158 | 1522 | 1974 | 2159 2514 | 2695 3142 | 3313 3857 | 3611 | 3105 | 1384 | 6,7 | 2,61 | 2,24 | 4013 4661 | DWG13 | SM17 | J9232E | |
| 54,4 45 | 1158 | 1522 | 1974 | 2159 2514 | 2695 3142 | 3313 3857 | 3611 | 3105 | 1384 | 6,7 | 2,61 | 2,24 | 4013 4661 | DWG14 | SM17 | NJ9232E | |
| 54,4 45 | 1158 | 1522 | 1974 | 2159 2514 | 2695 3142 | 3313 3857 | 3611 | 3105 | 1371 | 2,8 | 2,63 | 2,26 | 4013 4661 | DWG13 | SM18 | J9232P | |
| 54,4 45 | 1158 | 1522 | 1974 | 2159 2514 | 2695 3142 | 3313 3857 | 3611 | 3105 | 1371 | 2,8 | 2,63 | 2,26 | 4013 4661 | DWG14 | SM18 | NJ9232P | |
| 54,4 45 | 1542 | 1967 | 2490 | 2802 3112 | 3427 3831 | 4131 4648 | 4466 | 3841 | 1856 | 8,2 | 2,41 | 2,07 | 4914 5563 | DWG13 | SM17 | J9238E | |
| 54,4 45 | 1542 | 1967 | 2490 | 2802 3112 | 3427 3831 | 4131 4648 | 4466 | 3841 | 1856 | 8,2 | 2,41 | 2,07 | 4914 5563 | DWG14 | SM17 | NJ9238E | |
| 54,4 45 | 1542 | 1967 | 2490 | 2802 3112 | 3427 3831 | 4131 4648 | 4466 | 3841 | 1856 | 4,0 | 2,41 | 2,07 | 4914 5563 | DWG13 | SM18 | J9238P | |
| 54,4 45 | 1542 | 1967 | 2490 | 2802 3112 | 3427 3831 | 4131 4648 | 4466 | 3841 | 1856 | 4,0 | 2,41 | 2,07 | 4914 5563 | DWG14 | SM18 | NJ9238P | |

FREQUENCY

APPLICATION

REFRIGERANT

50 Hz

AC

R 22

| Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] Subcooled conditions [W] | | | | | | | | | | | Drawings | | MODEL | | | | |
|--------------------------------|---|--------------|--------------|------|------|------|------|----------------|--------------|-----------------|----------------|--------------|-----------|-------|-----|-----|-----------------------|------------------------|
| | Rated Point +7,2°C | | | | | | | Cooling [W] | [kcal/h] | W. input [W] | Current [A] | EER [W/W] | [kcal/hW] | | +10 | +15 | External View ref. | Wiring Diagram ref. |
| | 0 | +5 | 0 | +5 | 0 | +5 | +10 | | | | | | | | | | | |
| 54,4 45 | 1223 1411 | 1499 1717 | 1632 1717 | 1403 | 680 | 3,2 | 2,40 | 2,06 | 1792 2062 | 2241 2444 | DWG06 | SM07 | NE7213E | | | | | |
| 54,4 45 | 1337 1565 | 1643 1913 | 1790 1913 | 1539 | 760 | 3,7 | 2,36 | 2,02 | 1987 2303 | 2368 2736 | DWG06 | SM07 | NE7215E | | | | | |
| 54,4 45 | 1682 1973 | 2065 2369 | 2248 2369 | 1933 | 1033 | 5,1 | 2,18 | 1,87 | 2494 2834 | 2970 3365 | DWG12 | SM11 | T7220F | | | | | |
| 54,4 45 | 1947 2268 | 2439 2769 | 2678 2769 | 2303 | 1297 | 6,1 | 2,07 | 1,78 | 3000 3390 | 3630 4133 | DWG12 | SM11 | T7223F | | | | | |
| 54,4 45 | 2017 2181 | 2588 2788 | 2878 2788 | 2475 | 1132 | 5,4 | 2,54 | 2,18 | 3284 3531 | 4106 4410 | DWG13 | SM15 | J7225F | | | | | |
| 54,4 45 | 2017 2181 | 2588 2788 | 2878 2788 | 2475 | 1132 | 5,4 | 2,54 | 2,18 | 3284 3531 | 4106 4410 | DWG14 | SM15 | NJ7225F | | | | | |
| 54,4 45 | 2017 2181 | 2588 2788 | 2878 2788 | 2475 | 1225 | 6,7 | 2,35 | 2,02 | 3284 3531 | 4106 4410 | DWG13 | SM15 | J7225E | | | | | |
| 54,4 45 | 2017 2181 | 2588 2788 | 2878 2788 | 2475 | 1225 | 6,7 | 2,35 | 2,02 | 3284 3531 | 4106 4410 | DWG14 | SM15 | NJ7225E | | | | | |
| 54,4 45 | 2325 2749 | 2992 3471 | 3326 3471 | 2860 | 1321 | 5,8 | 2,52 | 2,17 | 3786 4320 | 4707 5297 | DWG13 | SM15 | J7228F | | | | | |
| 54,4 45 | 2325 2749 | 2992 3471 | 3326 3471 | 2860 | 1321 | 5,8 | 2,52 | 2,17 | 3786 4320 | 4707 5297 | DWG14 | SM15 | NJ7228F | | | | | |
| 54,4 45 | 2325 2749 | 2992 3471 | 3326 3471 | 2860 | 1238 | 2,7 | 2,69 | 2,31 | 3786 4320 | 4707 5297 | DWG13 | SM18 | J7228P | | | | | |
| 54,4 45 | 2325 2749 | 2992 3471 | 3326 3471 | 2860 | 1238 | 2,7 | 2,69 | 2,31 | 3786 4320 | 4707 5297 | DWG14 | SM18 | NJ7228P | | | | | |
| 54,4 45 | 2726 3273 | 3315 3940 | 3596 3940 | 3093 | 1460 | 6,8 | 2,46 | 2,12 | 3974 4704 | 4703 5566 | DWG13 | SM15 | J7231F | | | | | |
| 54,4 45 | 2726 3273 | 3315 3940 | 3596 3940 | 3093 | 1460 | 6,8 | 2,46 | 2,12 | 3974 4704 | 4703 5566 | DWG14 | SM15 | NJ7231F | | | | | |
| 54,4 45 | 2726 3273 | 3315 3940 | 3596 3940 | 3093 | 1335 | 3,1 | 2,69 | 2,31 | 3974 4704 | 4703 5566 | DWG13 | SM18 | J7231P | | | | | |
| 54,4 45 | 2726 3273 | 3315 3940 | 3596 3940 | 3093 | 1335 | 3,1 | 2,69 | 2,31 | 3974 4704 | 4703 5566 | DWG14 | SM18 | NJ7231P | | | | | |
| 54,4 45 | 3328 4059 | 4048 4844 | 4416 4844 | 3798 | 1959 | 10,3 | 2,25 | 1,94 | 4931 5810 | 5976 6956 | DWG13 | SM15 | J7238E | | | | | |
| 54,4 45 | 3328 4059 | 4048 4844 | 4416 4844 | 3798 | 1959 | 10,3 | 2,25 | 1,94 | 4931 5810 | 5976 6956 | DWG14 | SM15 | NJ7238E | | | | | |
| 54,4 45 | 3328 4059 | 4048 4844 | 4416 4844 | 3798 | 1844 | 3,5 | 2,40 | 2,06 | 4931 5810 | 5976 6956 | DWG13 | SM18 | J7238P | | | | | |
| 54,4 45 | 3328 4059 | 4048 4844 | 4416 4844 | 3798 | 1844 | 3,5 | 2,40 | 2,06 | 4931 5810 | 5976 6956 | DWG14 | SM18 | NJ7238P | | | | | |
| 54,4 45 | 3617 3986 | 4443 4919 | 4838 4919 | 4161 | 2048 | 9,8 | 2,36 | 2,03 | 5369 5981 | 6394 7171 | DWG13 | SM15 | J7240F | | | | | |
| 54,4 45 | 3617 3986 | 4443 4919 | 4838 4919 | 4161 | 2048 | 9,8 | 2,36 | 2,03 | 5369 5981 | 6394 7171 | DWG14 | SM15 | NJ7240F | | | | | |
| 54,4 45 | 3617 3986 | 4443 4919 | 4838 4919 | 4161 | 2018 | 3,8 | 2,40 | 2,06 | 5369 5981 | 6394 7171 | DWG13 | SM18 | J7240P | | | | | |
| 54,4 45 | 3617 3986 | 4443 4919 | 4838 4919 | 4161 | 2018 | 3,8 | 2,40 | 2,06 | 5369 5981 | 6394 7171 | DWG14 | SM18 | NJ7240P | | | | | |

REFRIGERANT APPLICATION FREQUENCY
R 404A / R 507 LBP 50 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|-----------|--------------|-------|--------|---|------------|------|-------------|--------------------|------|--------|--------|------|---------------|------|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] [oz²] | Type | [kg] | [lb] | [mm] | [in] | | |
| NB2112GK | 3,78 | 0,23 | 994BN | 200-240 V 50 Hz 1~ / 230 V 60 Hz 1~ | CSIR | 8,8 | C/V | 350 | 12 | POE 22 | 10,0 | 22,0 | 187,0 | 7,4 | S |
| NB1117GK | 4,52 | 0,28 | 994CN | 200-240 V 50 Hz 1~ / 230 V 60 Hz 1~ | RSIR | 13,1 | C | 350 | 12 | POE 22 | 10,5 | 23,1 | 187,0 | 7,4 | F |
| NB2117GK | 4,52 | 0,28 | 994DN | 200-240 V 50 Hz 1~ / 230 V 60 Hz 1~ | CSIR | 9,8 | C/V | 350 | 12 | POE 22 | 10,5 | 23,1 | 187,0 | 7,4 | F |
| NB1121GK | 6,05 | 0,37 | 995AN | 200-240 V 50 Hz 1~ / 230 V 60 Hz 1~ | RSIR | 16,3 | C | 350 | 12 | POE 22 | 11,1 | 24,5 | 200,0 | 7,9 | F |
| NB2121GK | 6,05 | 0,37 | 995BN | 200-240 V 50 Hz 1~ / 230 V 60 Hz 1~ | CSIR | 15,0 | C/V | 350 | 12 | POE 22 | 11,1 | 24,5 | 200,0 | 7,9 | F |
| NE2125GK | 8,78 | 0,54 | 951IA | 220-240 V 50 Hz 1~ | CSIR | 13,8 | C/V | 350 | 12 | POE 22 | 10,4 | 22,9 | 187,0 | 7,4 | F |
| NE2134GK | 12,12 | 0,74 | 953AA | 220-240 V 50 Hz 1~ | CSIR | 16,4 | C/V | 350 | 12 | POE 22 | 11,7 | 25,8 | 206,0 | 8,1 | F |
| NEK2117GK | 4,52 | 0,28 | 957BA | 220-240 V 50 Hz 1~ | CSIR | 9,6 | C-V | 350 | 12 | POE22 | 10,4 | 22,9 | 187 | 7,4 | S |
| NEK2121GK | 5,45 | 0,33 | 957DA | 220-240 V 50 Hz 1~ | CSIR | 9,6 | C-V | 350 | 12 | POE22 | 10,4 | 22,9 | 187 | 7,4 | S |
| NEK2125GK | 6,2 | 0,38 | 957EA | 220-240 V 50 Hz 1~ | CSIR | 12,4 | C-V | 350 | 12 | POE22 | 10,4 | 22,9 | 187 | 7,4 | F |
| NEK2134GK | 8,78 | 0,54 | 958AA | 220-240 V 50 Hz 1~ | CSIR | 16,1 | C-V | 350 | 12 | POE22 | 11 | 24,3 | 200 | 7,9 | F |
| NEK2150GK | 12,12 | 0,74 | 959AA | 220-240 V 50 Hz 1~ | CSIR | 19,5 | C-V | 350 | 12 | POE22 | 11,6 | 25,5 | 206 | 8,1 | F |
| T2140GK | 12,58 | 0,77 | 933BA | 220-240 V 50 Hz 1~ | CSIR | 20,0 | C/V | 550 | 19 | POE 22 | 14,1 | 31,1 | 201,0 | 7,9 | F |
| T2155GK | 14,50 | 0,88 | 936AA | 220-240 V 50 Hz 1~ | CSR | 20,0 | C/V | 580 | 20 | POE 22 | 16,3 | 35,9 | 221,0 | 8,7 | F |
| T2155GK- | 14,50 | 0,88 | 936BA | 220-240 V 50 Hz 1~ | CSIR | 22,0 | C/V | 580 | 20 | POE 22 | 16,6 | 36,6 | 221,0 | 8,7 | F |
| T2168GK | 17,40 | 1,06 | 936CA | 220-240 V 50 Hz 1~ | CSR | 18,0 | C/V | 580 | 20 | POE 22 | 16,8 | 37,0 | 221,0 | 8,7 | F |
| T2168GK- | 17,40 | 1,06 | 936DA | 220-240 V 50 Hz 1~ | CSIR | 24,5 | C/V | 580 | 20 | POE 22 | 17,2 | 37,9 | 221,0 | 8,7 | F |
| T2178GK | 20,40 | 1,24 | 936EA | 220-240 V 50 Hz 1~ | CSR | 21,0 | C/V | 580 | 20 | POE 22 | 17,2 | 37,9 | 221,0 | 8,7 | F |
| T2178GK- | 20,40 | 1,24 | 936FA | 220-240 V 50 Hz 1~ | CSIR | 30,0 | C/V | 580 | 20 | POE 22 | 17,3 | 38,1 | 221,0 | 8,7 | F |
| T2180GK | 22,40 | 1,37 | 936HA | 220-240 V 50 Hz 1~ | CSR | 28,0 | C/V | 580 | 20 | POE 22 | 17,3 | 38,1 | 221,0 | 8,7 | F |
| T2180GJ | 22,40 | 1,37 | 936IA | 220-240 V 50 Hz | CSR | 30,0 | C/V | 580 | 20 | POE 22 | 17,3 | 38,1 | 221,0 | 8,7 | F |
| J2192GK | 26,20 | 1,60 | 964AA | 220-240 V 50 Hz 1~ | CSR | 26,0 | C/V | 890 | 31 | POE 22 | 20,4 | 45,0 | 265,0 | 10,4 | F |
| NJ2192GK | 26,20 | 1,60 | 944AA | 220-240 V 50 Hz 1~ | CSR | 26,0 | C/V | 890 | 31 | POE 22 | 20,4 | 45,0 | 265,0 | 10,4 | F |
| J2192GS | 26,20 | 1,60 | 968AM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 13,0 | C/V | 890 | 31 | POE 22 | 22,8 | 50,3 | 265,0 | 10,4 | F |
| NJ2192GS | 26,20 | 1,60 | 948AM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 13,0 | C/V | 890 | 31 | POE 22 | 22,8 | 50,3 | 265,0 | 10,4 | F |
| J2212GK | 34,37 | 2,10 | 963BA | 220-240 V 50 Hz 1~ | CSR | 36,0 | C/V | 890 | 31 | POE 22 | 21,5 | 47,4 | 277,0 | 10,9 | F |
| NJ2212GK | 34,37 | 2,10 | 943BA | 220-240 V 50 Hz 1~ | CSR | 36,0 | C/V | 890 | 31 | POE 22 | 21,5 | 47,4 | 277,0 | 10,9 | F |
| J2212GS | 34,37 | 2,10 | 967AM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 13,0 | C/V | 890 | 31 | POE 22 | 20,4 | 45,0 | 277,0 | 10,9 | F |
| NJ2212GS | 34,37 | 2,10 | 947AM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 13,0 | C/V | 890 | 31 | POE 22 | 20,4 | 45,0 | 277,0 | 10,9 | F |

Note: Please check Test Conditions on page 1.

REFRIGERANT APPLICATION FREQUENCY
R 404A / R 507 MBP 50 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|----------|--------------|-------|--------|---------------------|------------|------|-------------|--------------------|------|--------|--------|------|---------------|-----|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] [oz²] | Type | [kg] | [lb] | [mm] | [in] | | |
| NB6144GK | 4,52 | 0,28 | 994IA | 220-240 V 50 Hz 1~ | CSIR | 15,3 | C/V | 350 | 12 | POE 22 | 10,3 | 22,7 | 187,0 | 7,4 | F |
| NB6152GK | 5,02 | 0,31 | 994LA | 220-240 V 50 Hz 1~ | CSIR | 15,3 | C/V | 350 | 12 | POE 22 | 10,3 | 22,7 | 187,0 | 7,4 | F |
| NB6165GK | 6,05 | 0,37 | 994NA | 220-240 V 50 Hz 1~ | CSIR | 13,8 | C/V | 350 | 12 | POE 22 | 10,4 | 22,9 | 187,0 | 7,4 | F |
| NE6181GK | 7,28 | 0,44 | 952KA | 220-240 V 50 Hz 1~ | RSIR | 22,2 | C | 350 | 12 | POE 22 | 11,0 | 24,3 | 200,0 | 7,9 | F |
| NE6181GK | 7,28 | 0,44 | 952LA | 220-240 V 50 Hz 1~ | CSIR | 16,5 | C/V | 350 | 12 | POE 22 | 11,0 | 24,3 | 200,0 | 7,9 | F |

Note: Please check Test Conditions on page 1.

FREQUENCY

APPLICATION

REFRIGERANT

50 Hz

LBP

R 404A / R 507

| | Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] Subcooled conditions [W] | | | | | | | | | | | | | Drawings | | MODEL |
|------------|--------------------------------|---|-------------|--------------|------|---------------------|----------|-----------------|----------------|--------------|--------------|--------------|--------------|-------|-----------------------|------------------------|-------|
| | | -40 | -35 | -30 | -25 | Rated Point -23.3°C | | | | | | -20 | -15 | -10 | External View ref. | Wiring Diagram ref. | |
| | | | | | | Cooling [W] | [kcal/h] | W. input [W] | Current [A] | EER [W/W] | [kcal/hW] | | | | | | |
| 54.4 45 | 38 | 64 | 79 97 | 118 136 | 132 | 114 | 130 | 0,9 | 1,01 | 0,87 | 161 182 | 210 234 | 264 292 | DWG02 | SM05 | NB2112GK | |
| 54.4 45 | 69 | 99 | 117 137 | 165 184 | 183 | 157 | 158 | 1,0 | 1,15 | 0,99 | 219 239 | 279 302 | 346 373 | DWG02 | SM01 | NB1117GK | |
| 54.4 45 | 64 | 95 | 114 134 | 160 181 | 178 | 153 | 162 | 1,1 | 1,09 | 0,94 | 214 237 | 274 300 | 342 373 | DWG02 | SM05 | NB2117GK | |
| 54.4 45 | 115 | 159 | 192 215 | 258 281 | 282 | 243 | 241 | 1,7 | 1,17 | 1,01 | 334 359 | 419 448 | 515 548 | DWG02 | SM01 | NB1121GK | |
| 54.4 45 | 115 | 159 | 192 215 | 258 281 | 282 | 243 | 241 | 1,7 | 1,17 | 1,01 | 334 359 | 419 448 | 515 548 | DWG02 | SM05 | NB2121GK | |
| 54.4 45 | 107 | 170 | 204 252 | 303 351 | 339 | 292 | 314 | 2,5 | 1,08 | 0,93 | 416 469 | 544 605 | 687 760 | DWG03 | SM05 | NE2125GK | |
| 54.4 45 | 125 | 236 | 283 363 | 424 508 | 476 | 409 | 388 | 2,6 | 1,23 | 1,06 | 585 671 | 765 850 | 965 1047 | DWG03 | SM05 | NE2134GK | |
| 54.4 45 | 109 | 142 | 163 184 | 214 236 | 235 | 202 | 182 | 1,25 | 1,29 | 1,11 | 278 297 | 352 367 | 438 449 | DWG02 | SM05 | NEK2117GK | |
| 54.4 45 | 153 | 170 | 199 220 | 259 283 | 283 | 243 | 219 | 1,37 | 1,29 | 1,11 | 334 356 | 422 442 | 523 538 | DWG03 | SM05 | NEK2121GK | |
| 54.4 45 | 156 | 202 | 243 262 | 314 334 | 341 | 293 | 279 | 2,04 | 1,22 | 1,05 | 398 420 | 494 520 | 603 633 | DWG03 | SM05 | NEK2125GK | |
| 54.4 45 | 203 | 269 | 327 353 | 442 463 | 464 | 399 | 358 | 2,35 | 1,3 | 1,11 | 544 579 | 679 720 | 833 879 | DWG03 | SM05 | NEK2134GK | |
| 54.4 45 | 286 | 366 | 445 473 | 570 628 | 616 | 530 | 497 | 3,1 | 1,24 | 1,07 | 716 763 | 888 947 | 1086 1156 | DWG03 | SM05 | NEK2150GK | |
| 54.4 45 | 126 | 216 | 278 332 | 411 472 | 461 | 396 | 426 | 3,1 | 1,08 | 0,93 | 566 636 | 744 826 | 946 1040 | DWG08 | SM09 | T2140GK | |
| 54.4 45 | 220 | 299 | 368 420 | 524 583 | 586 | 504 | 458 | 2,0 | 1,28 | 1,10 | 717 789 | 948 1037 | 1215 1327 | DWG12 | SM13 | T2155GK | |
| 54.4 45 | 220 | 299 | 368 420 | 524 583 | 586 | 504 | 495 | 3,6 | 1,18 | 1,01 | 717 789 | 948 1037 | 1215 1327 | DWG08 | SM09 | T2155GK- | |
| 54.4 45 | 293 | 405 | 487 558 | 678 753 | 752 | 647 | 547 | 2,5 | 1,38 | 1,19 | 906 988 | 1169 1264 | 1467 1582 | DWG10 | SM13 | T2168GK | |
| 54.4 45 | 293 | 405 | 487 558 | 678 753 | 752 | 647 | 617 | 3,9 | 1,22 | 1,05 | 906 988 | 1169 1264 | 1467 1582 | DWG09 | SM09 | T2168GK- | |
| 54.4 45 | 351 | 496 | 606 678 | 827 897 | 910 | 783 | 678 | 3,2 | 1,34 | 1,15 | 1081 1155 | 1368 1450 | 1688 1782 | DWG11 | SM13 | T2178GK | |
| 54.4 45 | 351 | 496 | 606 678 | 827 897 | 910 | 783 | 758 | 4,9 | 1,20 | 1,03 | 1081 1155 | 1368 1450 | 1688 1782 | DWG09 | SM09 | T2178GK- | |
| 54.4 45 | 389 | 540 | 639 733 | 873 969 | 962 | 827 | 841 | 3,9 | 1,14 | 0,98 | 1147 1246 | 1460 1565 | 1813 1927 | DWG11 | SM13 | T2180GK | |
| 54.4 45 | 389 | 540 | 639 733 | 873 969 | 962 | 827 | 841 | 3,9 | 1,14 | 0,98 | 1147 1246 | 1460 1565 | 1813 1927 | DWG11 | SM13 | T2180GJ | |
| 54.4 45 | 418 | 629 | 752 880 | 1021 1172 | 1125 | 968 | 854 | 4,0 | 1,32 | 1,14 | 1345 1503 | 1725 1875 | 2161 2287 | DWG13 | SM16 | J2192GK | |
| 54.4 45 | 418 | 629 | 752 880 | 1021 1172 | 1125 | 968 | 854 | 4,0 | 1,32 | 1,14 | 1345 1503 | 1725 1875 | 2161 2287 | DWG14 | SM16 | NJ2192GK | |
| 54.4 45 | 418 | 629 | 752 880 | 1021 1172 | 1125 | 968 | 913 | 1,9 | 1,23 | 1,06 | 1345 1503 | 1725 1875 | 2161 2287 | DWG13 | SM18 | J2192GS | |
| 54.4 45 | 418 | 629 | 752 880 | 1021 1172 | 1125 | 968 | 913 | 1,9 | 1,23 | 1,06 | 1345 1503 | 1725 1875 | 2161 2287 | DWG14 | SM18 | NJ2192GS | |
| 54.4 45 | 491 | 753 | 945 1085 | 1333 1486 | 1477 | 1270 | 1097 | 5,3 | 1,35 | 1,16 | 1775 1957 | 2273 2496 | 2825 3106 | DWG13 | SM16 | J2212GK | |
| 54.4 45 | 491 | 753 | 945 1085 | 1333 1486 | 1477 | 1270 | 1097 | 5,3 | 1,35 | 1,16 | 1775 1957 | 2273 2496 | 2825 3106 | DWG14 | SM16 | NJ2212GK | |
| 54.4 45 | 491 | 753 | 945 1085 | 1333 1486 | 1477 | 1270 | 1139 | 2,0 | 1,30 | 1,12 | 1775 1957 | 2273 2496 | 2825 3106 | DWG13 | SM18 | J2212GS | |
| 54.4 45 | 491 | 753 | 945 1085 | 1333 1486 | 1477 | 1270 | 1139 | 2,0 | 1,30 | 1,12 | 1775 1957 | 2273 2496 | 2825 3106 | DWG14 | SM18 | NJ2212GS | |

FREQUENCY

APPLICATION

REFRIGERANT

50 Hz

MBP

R 404A / R 507

| | Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] Subcooled conditions [W] | | | | | | | | | | | | | Drawings | | MODEL |
|------------|--------------------------------|---|------------|------------|------------|-------------|------|--------------------|----------|-----------------|----------------|--------------|--------------|-------|-----------------------|------------------------|-------|
| | | -20 | -15 | -10 | -5 | 0 | +5 | Rated Point +7.2°C | | | | | | +10 | External View ref. | Wiring Diagram ref. | |
| | | | | | | | | Cooling [W] | [kcal/h] | W. input [W] | Current [A] | EER [W/W] | [kcal/hW] | | | | |
| 54.4 45 | 226 | 288 | 301 362 | 375 448 | 459 545 | 553 655 | 598 | 514 | 320 | 2,1 | 1,87 | 1,61 | 658 777 | DWG03 | SM05 | NB6144GK | |
| 54.4 45 | 267 | 332 | 351 414 | 437 513 | 535 629 | 646 762 | 698 | 600 | 387 | 2,3 | 1,81 | 1,56 | 769 911 | DWG03 | SM05 | NB6152GK | |
| 54.4 45 | 327 | 409 | 429 507 | 528 623 | 641 756 | 768 906 | 828 | 712 | 488 | 2,9 | 1,70 | 1,46 | 909 1074 | DWG03 | SM05 | NB6165GK | |
| 54.4 45 | 361 | 470 | 488 604 | 625 764 | 784 949 | 964 1160 | 1049 | 902 | 468 | 2,9 | 2,24 | 1,93 | 1165 1395 | DWG03 | SM03 | NE5181GK | |
| 54.4 45 | 340 | 444 | 456 575 | 585 731 | 738 913 | 916 1121 | 1002 | 862 | 460 | 2,8 | 2,18 | 1,87 | 1118 1354 | DWG03 | SM05 | NE6181GK | |

REFRIGERANT APPLICATION FREQUENCY
R 404A / R 507 MBP 50 Hz

| MODEL | Displacement | | B. O. M. | Voltage / Frequency | Motor Type | LRA | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|-----------|--------------|-------|----------|---|------------|------|-------------|--------------|-------|--------|--------|------|---------------|------|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] | [oz²] | Type | [kg] | [lb] | [mm] | [in] | |
| NE6181GK | 7,28 | 0,44 | 952LN | 200-240 V 50 Hz 1~ / 230 V 60 Hz 1~ | CSIR | 13,4 | C/V | 350 | 12 | POE 22 | 10,9 | 24,0 | 200,0 | 7,9 | F |
| NE6210GK | 8,78 | 0,54 | 951NA | 220-240 V 50 Hz 1~ | CSIR | 13,8 | C/V | 350 | 12 | POE 22 | 10,5 | 23,1 | 187,0 | 7,4 | F |
| NE9213GK | 12,12 | 0,74 | 953EA | 220-240 V 50 Hz 1~ | CSR | 14,1 | C/V | 350 | 12 | POE 22 | 10,7 | 23,6 | 206,0 | 8,1 | F |
| NEK6165GK | 6,2 | 0,38 | 957IA | 220-240 V 50 Hz 1~ | CSIR | 12,4 | C-V | 350 | 12 | POE22 | 10,4 | 22,9 | 187 | 7,4 | F |
| NEK6210GK | 8,78 | 0,54 | 958CA | 220-240 V 50 Hz 1~ | CSIR | 10,1 | C-V | 350 | 12 | POE22 | 11 | 24,3 | 200 | 7,9 | F |
| NEK6213GK | 12,12 | 0,74 | 959BA | 220-240 V 50 Hz 1~ | CSIR | 20,0 | C-V | 350 | 12 | POE22 | 11,6 | 25,5 | 206 | 8,1 | F |
| T6217GK | 14,50 | 0,88 | 931AA | 220-240 V 50 Hz 1~ | CSIR | 22,0 | C/V | 580 | 20 | POE 22 | 16,6 | 36,6 | 221,0 | 8,7 | F |
| T6220GK | 17,40 | 1,06 | 931BA | 220-240 V 50 Hz 1~ | CSR | 26,5 | C/V | 580 | 20 | POE 22 | 16,7 | 36,8 | 221,0 | 8,7 | F |
| T6222GK | 20,40 | 1,25 | 936VA | 220-240 V 50 Hz | CSR | 29,5 | C/V | 580 | 20 | POE 22 | 16,7 | 36,8 | 221,0 | 8,7 | F |
| J9226GK | 21,70 | 1,32 | 964LV | 230 V 50 Hz 1~ | CSR | 27,5 | C/V | 890 | 31 | POE 22 | 20,8 | 45,9 | 265,0 | 10,4 | F |
| NJ9226GK | 21,70 | 1,32 | 944LV | 230 V 50 Hz 1~ | CSR | 27,5 | C/V | 890 | 31 | POE 22 | 20,8 | 45,9 | 265,0 | 10,4 | F |
| J9226GS | 21,70 | 1,32 | 968LM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 10,0 | C/V | 890 | 31 | POE 22 | 19,7 | 43,4 | 265,0 | 10,4 | F |
| NJ9226GS | 21,70 | 1,32 | 948LM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 10,0 | C/V | 890 | 31 | POE 22 | 19,7 | 43,4 | 265,0 | 10,4 | F |
| J9232GK | 26,20 | 1,60 | 963NA | 220-240 V 50 Hz 1~ | CSR | 43,0 | C/V | 890 | 31 | POE 22 | 22,1 | 48,7 | 277,0 | 10,9 | F |
| NJ9232GK | 26,20 | 1,60 | 943NA | 220-240 V 50 Hz 1~ | CSR | 43,0 | C/V | 890 | 31 | POE 22 | 22,1 | 48,7 | 277,0 | 10,9 | F |
| J9232GK | 26,20 | 1,60 | 963NV | 230 V 50 Hz 1~ | CSR | 33,7 | C/V | 890 | 31 | POE 22 | 21,6 | 47,6 | 277,0 | 10,9 | F |
| NJ9232GK | 26,20 | 1,60 | 943NV | 230 V 50 Hz 1~ | CSR | 33,7 | C/V | 890 | 31 | POE 22 | 21,6 | 47,6 | 277,0 | 10,9 | F |
| J9232GS | 26,20 | 1,60 | 967NM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 13,0 | C/V | 890 | 31 | POE 22 | 22,1 | 48,7 | 277,0 | 10,9 | F |
| NJ9232GS | 26,20 | 1,60 | 947NM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 13,0 | C/V | 890 | 31 | POE 22 | 22,1 | 48,7 | 277,0 | 10,9 | F |
| J9238GK | 32,70 | 2,00 | 963RV | 230 V 50 Hz 1~ | CSR | 43,0 | C/V | 890 | 31 | POE 22 | 22,1 | 48,7 | 277,0 | 10,9 | F |
| NJ9238GK | 32,70 | 2,00 | 943RV | 230 V 50 Hz 1~ | CSR | 43,0 | C/V | 890 | 31 | POE 22 | 22,1 | 48,7 | 277,0 | 10,9 | F |
| J9238GS | 32,70 | 2,00 | 967RM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 22,0 | C/V | 890 | 31 | POE 22 | 21,7 | 47,8 | 277,0 | 10,9 | F |
| NJ9238GS | 32,70 | 2,00 | 947RM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 22,0 | C/V | 890 | 31 | POE 22 | 21,7 | 47,8 | 277,0 | 10,9 | F |

Note: Please check Test Conditions on page 1.

REFRIGERANT APPLICATION FREQUENCY
R 407C AC 50 Hz

| MODEL | Displacement | | B. O. M. | Voltage / Frequency | Motor Type | LRA | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|----------|--------------|-------|----------|---|------------|------|-------------|--------------|-------|--------|--------|------|---------------|------|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] | [oz²] | Type | [kg] | [lb] | [mm] | [in] | |
| NE7213GF | 12,12 | 0,73 | 954CA | 220-240 V 50 Hz 1~ | PSC | 13,0 | C | 350 | 12 | POE 22 | 11,6 | 25,6 | 218,0 | 8,6 | F |
| NE7215GF | 13,54 | 0,81 | 954HA | 220-240 V 50 Hz 1~ | PSC | 19,0 | C | 350 | 12 | POE 22 | 11,9 | 26,2 | 218,0 | 8,6 | F |
| T7220GF | 17,40 | 1,06 | 936XA | 220-240 V 50 Hz | PSC | 26,0 | C/V | 580 | 20 | POE 22 | 15,0 | 33,1 | 221,0 | 8,7 | F |
| T7223GF | 20,40 | 1,24 | 936OA | 220-240 V 50 Hz 1~ | PSC | 30,0 | C | 580 | 20 | POE 22 | 15,4 | 34,0 | 221,0 | 8,7 | F |
| J7225GE | 21,70 | 1,32 | 962AA | 220-240 V 50 Hz 1~ | PSC | 30,0 | C | 890 | 31 | POE 22 | 19,3 | 42,5 | 253,0 | 10,0 | F |
| NJ7225GE | 21,70 | 1,32 | 942AA | 220-240 V 50 Hz 1~ | PSC | 30,0 | C | 890 | 31 | POE 22 | 19,3 | 42,5 | 253,0 | 10,0 | F |
| J7228GE | 23,80 | 1,45 | 962DA | 220-240 V 50 Hz 1~ | PSC | 30,0 | C | 890 | 31 | POE 22 | 20,0 | 44,1 | 253,0 | 10,0 | F |
| NJ7228GE | 23,80 | 1,45 | 942DA | 220-240 V 50 Hz 1~ | PSC | 30,0 | C | 890 | 31 | POE 22 | 20,0 | 44,1 | 253,0 | 10,0 | F |
| J7231GF | 26,20 | 1,60 | 964EA | 220-240 V 50 Hz 1~ | PSC | 37,0 | C | 890 | 31 | POE 22 | 20,4 | 45,0 | 265,0 | 10,4 | F |
| NJ7231GF | 26,20 | 1,60 | 944EA | 220-240 V 50 Hz 1~ | PSC | 37,0 | C | 890 | 31 | POE 22 | 20,4 | 45,0 | 265,0 | 10,4 | F |
| J7231GP | 26,20 | 1,60 | 968CM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 18,0 | C/V | 890 | 31 | POE 22 | 20,1 | 44,3 | 265,0 | 10,4 | F |
| NJ7231GP | 26,20 | 1,60 | 948CM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 18,0 | C/V | 890 | 31 | POE 22 | 20,1 | 44,3 | 265,0 | 10,4 | F |

Note: Please check Test Conditions on page 1.

FREQUENCY
50 Hz
APPLICATION
MBP
REFRIGERANT
R 404A / R 507

| Condensing Temperature | Cooling Capacity / Evaporating Temperature [°C] | | | | | | | | | | | | | Drawings | | MODEL |
|------------------------|---|------|--------------|--------------|--------------|--------------|-------------|--------------------|--------------|------|------|------|--------------|---------------|----------------|-----------|
| | Subcooled conditions [W] | | | | | | | | | | | | | External View | Wiring Diagram | |
| | [°C] | -20 | -15 | -10 | -5 | 0 | +5 | Rated Point +7.2°C | | EER | +10 | ref. | ref. | | | |
| | | | | | | | Cooling [W] | kcal/h | W. input [W] | | | | | Current [A] | [W/W] | [kcal/hW] |
| 54.4 45 | 356 | 463 | 479 596 | 613 754 | 767 938 | 942 1147 | 1025 | 882 | 468 | 3,0 | 2,19 | 1,88 | 1137 1382 | DWG03 | SM05 | NE6181GK |
| 54.4 45 | 415 | 550 | 566 708 | 721 888 | 893 1090 | 1082 1315 | 1170 | 1006 | 591 | 3,3 | 1,98 | 1,70 | 1288 1561 | DWG03 | SM05 | NE6210GK |
| 54.4 45 | 644 | 833 | 862 1055 | 1080 1309 | 1327 1596 | 1602 1914 | 1732 | 1490 | 768 | 3,5 | 2,26 | 1,94 | 1906 2265 | DWG04 | SM06 | NE9213GK |
| 54.4 45 | 436 | 512 | 520 610 | 626 734 | 751 883 | 895 1056 | 965 | 830 | 471 | 2,54 | 2,04 | 1,76 | 1059 1253 | DWG03 | SM05 | NEK6165GK |
| 54.4 45 | 566 | 674 | 669 815 | 821 988 | 999 1195 | 1205 1435 | 1303 | 1121 | 628 | 3,49 | 2,07 | 1,79 | 1436 1707 | DWG03 | SM05 | NEK6210GK |
| 54.4 45 | 695 | 884 | 919 1093 | 1120 1333 | 1350 1600 | 1610 1894 | 1736 | 1493 | 982 | 5,52 | 1,77 | 1,52 | 1901 2215 | DWG03 | SM05 | NEK6213GK |
| 54.4 45 | 680 | 922 | 959 1195 | 1220 1499 | 1512 1833 | 1833 2198 | 1984 | 1706 | 1010 | 5,4 | 1,96 | 1,69 | 2184 2594 | DWG08 | SM08 | T6217GK |
| 54.4 45 | 842 | 1124 | 1161 1444 | 1471 1802 | 1823 2197 | 2214 2630 | 2400 | 2064 | 1104 | 5,1 | 2,17 | 1,87 | 2647 3101 | DWG12 | SM12 | T6220GK |
| 54.4 45 | 1074 | 1392 | 1456 1764 | 1822 2190 | 2233 2670 | 2686 3204 | 2895 | 2490 | 1318 | 6,2 | 2,20 | 1,89 | 3184 3794 | DWG12 | SM12 | T6222GK |
| 54.4 45 | 1165 | 1508 | 1584 1922 | 1998 2409 | 2470 2968 | 2998 3598 | 3249 | 2794 | 1325 | 5,8 | 2,45 | 2,11 | 3584 4300 | DWG13 | SM17 | J9226GK |
| 54.4 45 | 1165 | 1508 | 1584 1922 | 1998 2409 | 2470 2968 | 2998 3598 | 3249 | 2794 | 1325 | 5,8 | 2,45 | 2,11 | 3584 4300 | DWG14 | SM17 | NJ9226GK |
| 54.4 45 | 1165 | 1508 | 1584 1922 | 1998 2409 | 2470 2968 | 2998 3598 | 3249 | 2794 | 1300 | 2,4 | 2,50 | 2,15 | 3584 4300 | DWG13 | SM18 | J9226GS |
| 54.4 45 | 1165 | 1508 | 1584 1922 | 1998 2409 | 2470 2968 | 2998 3598 | 3249 | 2794 | 1300 | 2,4 | 2,50 | 2,15 | 3584 4300 | DWG14 | SM18 | NJ9226GS |
| 54.4 45 | 1421 | 1841 | 1940 2354 | 2456 2959 | 3045 3656 | 3706 4444 | 4021 | 3458 | 1576 | 7,2 | 2,55 | 2,19 | 4441 5325 | DWG13 | SM17 | J9232GK |
| 54.4 45 | 1421 | 1841 | 1940 2354 | 2456 2959 | 3045 3656 | 3706 4444 | 4021 | 3458 | 1576 | 7,2 | 2,55 | 2,19 | 4441 5325 | DWG14 | SM17 | NJ9232GK |
| 54.4 45 | 1421 | 1841 | 1940 2354 | 2456 2959 | 3045 3656 | 3706 4444 | 4021 | 3458 | 1673 | 7,7 | 2,40 | 2,06 | 4441 5325 | DWG13 | SM17 | J9232GK |
| 54.4 45 | 1421 | 1841 | 1940 2354 | 2456 2959 | 3045 3656 | 3706 4444 | 4021 | 3458 | 1673 | 7,7 | 2,40 | 2,06 | 4441 5325 | DWG14 | SM17 | NJ9232GK |
| 54.4 45 | 1421 | 1841 | 1940 2354 | 2456 2959 | 3045 3656 | 3706 4444 | 4021 | 3458 | 1615 | 2,9 | 2,49 | 2,14 | 4441 5325 | DWG13 | SM18 | J9232GS |
| 54.4 45 | 1421 | 1841 | 1940 2354 | 2456 2959 | 3045 3656 | 3706 4444 | 4021 | 3458 | 1615 | 2,9 | 2,49 | 2,14 | 4441 5325 | DWG14 | SM18 | NJ9232GS |
| 54.4 45 | 1845 | 2374 | 2415 2990 | 3014 3693 | 3697 4481 | 4463 5356 | 4827 | 4151 | 2109 | 9,6 | 2,29 | 1,97 | 5313 6317 | DWG13 | SM17 | J9238GK |
| 54.4 45 | 1845 | 2374 | 2415 2990 | 3014 3693 | 3697 4481 | 4463 5356 | 4827 | 4151 | 2109 | 9,6 | 2,29 | 1,97 | 5313 6317 | DWG14 | SM17 | NJ9238GK |
| 54.4 45 | 1845 | 2374 | 2415 2990 | 3014 3693 | 3697 4481 | 4463 5356 | 4827 | 4151 | 1900 | 4,0 | 2,54 | 2,18 | 5313 6317 | DWG13 | SM18 | J9238GS |
| 54.4 45 | 1845 | 2374 | 2415 2990 | 3014 3693 | 3697 4481 | 4463 5356 | 4827 | 4151 | 1900 | 4,0 | 2,54 | 2,18 | 5313 6317 | DWG14 | SM18 | NJ9238GS |

FREQUENCY
50 Hz
APPLICATION
AC
REFRIGERANT
R 407C

| Condensing Temperature | Cooling Capacity / Evaporating Temperature [°C] | | | | | | | | | | | Drawings | | MODEL |
|------------------------|---|--------------|-------------|--------------------|--------------|-----|------|------|--------------|--------------|-------------|---------------|----------------|-------|
| | Subcooled conditions [W] | | | | | | | | | | | External View | Wiring Diagram | |
| | [°C] | 0 | +5 | Rated Point +7.2°C | | EER | +10 | +15 | ref. | ref. | | | | |
| | | | Cooling [W] | kcal/h | W. input [W] | | | | | | Current [A] | [W/W] | [kcal/hW] | |
| 54.4 45 | 1191 1384 | 1472 1708 | 1607 | 1382 | 664 | 3,2 | 2,42 | 2,08 | 1784 2070 | 2128 2471 | DWG07 | SM07 | NE7213GF | |
| 54.4 45 | 1286 1531 | 1607 1891 | 1762 | 1515 | 726 | 3,6 | 2,43 | 2,09 | 1966 2292 | 2366 2734 | DWG07 | SM07 | NE7215GF | |
| 54.4 45 | 1664 1972 | 2071 2428 | 2270 | 1952 | 982 | 5,0 | 2,31 | 1,99 | 2523 2929 | 3019 3476 | DWG12 | SM11 | T7220GF | |
| 54.4 45 | 1951 2312 | 2428 2487 | 2660 | 2288 | 1151 | 5,9 | 2,31 | 1,99 | 2958 3434 | 3540 4074 | DWG12 | SM11 | T7223GF | |
| 54.4 45 | 2140 2523 | 2652 3099 | 2897 | 2491 | 1200 | 6,0 | 2,41 | 2,08 | 3216 3741 | 3835 4448 | DWG13 | SM15 | J7225GE | |
| 54.4 45 | 2140 2523 | 2652 3099 | 2897 | 2491 | 1200 | 6,0 | 2,41 | 2,08 | 3216 3741 | 3835 4448 | DWG14 | SM15 | NJ7225GE | |
| 54.4 45 | 2347 2767 | 2908 3399 | 3177 | 2732 | 1316 | 6,6 | 2,41 | 2,08 | 3528 4102 | 4206 4878 | DWG13 | SM15 | J7228GE | |
| 54.4 45 | 2347 2767 | 2908 3399 | 3177 | 2732 | 1316 | 6,6 | 2,41 | 2,08 | 3528 4102 | 4206 4878 | DWG14 | SM15 | NJ7228GE | |
| 54.4 45 | 2584 3047 | 3201 3742 | 3497 | 3007 | 1448 | 7,3 | 2,42 | 2,08 | 3884 4517 | 4630 5370 | DWG13 | SM15 | J7231GF | |
| 54.4 45 | 2584 3047 | 3201 3742 | 3497 | 3007 | 1448 | 7,3 | 2,42 | 2,08 | 3884 4517 | 4630 5370 | DWG14 | SM15 | NJ7231GF | |
| 54.4 45 | 2584 3047 | 3201 3742 | 3497 | 3007 | 1398 | 2,7 | 2,50 | 2,15 | 3884 4517 | 4630 5370 | DWG13 | SM18 | J7231GP | |
| 54.4 45 | 2584 3047 | 3201 3742 | 3497 | 3007 | 1398 | 2,7 | 2,50 | 2,15 | 3884 4517 | 4630 5370 | DWG14 | SM18 | NJ7231GP | |

REFRIGERANT APPLICATION FREQUENCY
R 407C AC 50 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|----------|--------------|-------|--------|---|------------|------|-------------|--------------|-------|--------|--------|------|---------------|------|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] | [oz²] | Type | [kg] | [lb] | [mm] | [in] | |
| J7238GE | 32,70 | 2,00 | 963HA | 220-240 V 50 Hz 1~ | PSC | 51,0 | C | 890 | 31 | POE 22 | 21,4 | 47,2 | 277,0 | 10,9 | F |
| NJ7238GE | 32,70 | 2,00 | 943HA | 220-240 V 50 Hz 1~ | PSC | 51,0 | V | 890 | 31 | POE 22 | 21,4 | 47,2 | 277,0 | 10,9 | F |
| J7238GP | 32,70 | 2,00 | U.D. | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 22,0 | C/V | 890 | 31 | POE 22 | 20,9 | 46,1 | 277,0 | 10,9 | F |
| NJ7238GP | 32,70 | 2,00 | U.D. | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 22,0 | C/V | 890 | 31 | POE 22 | 20,9 | 46,1 | 277,0 | 10,9 | F |
| J7240GF | 34,37 | 2,10 | 963FA | 220-240 V 50 Hz 1~ | PSC | 50,0 | C | 890 | 31 | POE 22 | 22,3 | 49,2 | 277,0 | 10,9 | F |
| NJ7240GF | 34,37 | 2,10 | 943FA | 220-240 V 50 Hz 1~ | PSC | 50,0 | C | 890 | 31 | POE 22 | 22,3 | 49,2 | 277,0 | 10,9 | F |
| J7240GP | 34,37 | 2,10 | 967CM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 22,0 | C/V | 890 | 31 | POE 22 | 21,4 | 47,2 | 277,0 | 10,9 | F |
| NJ7240GP | 34,37 | 2,10 | 947CM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 22,0 | C/V | 890 | 31 | POE 22 | 21,4 | 47,2 | 277,0 | 10,9 | F |

Note: Please check Test Conditions on page 1.

REFRIGERANT APPLICATION FREQUENCY
R 600a LBP 50 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|----------|--------------|-------|--------|---------------------|--------------|-----|-------------|--------------|-------|-------|--------|------|---------------|------|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] | [oz²] | Type | [kg] | [lb] | [mm] | [in] | |
| NBM1114Y | 10,00 | 0,61 | 887EA | 220-240 V 50 Hz 1~ | RSIR RSCR | 6,3 | C | 350 | 12 | MO 15 | 10,1 | 22,3 | 187,0 | 7,4 | S |
| NBM1116Y | 12,30 | 0,75 | 888AA | 220-240 V 50 Hz 1~ | RSIR RSCR | 7,1 | C | 350 | 12 | MO 15 | 10,7 | 23,6 | 200,0 | 7,9 | S |
| NBM1118Y | 14,30 | 0,87 | 888BA | 220-240 V 50 Hz 1~ | RSIR RSCR | 8,1 | C | 350 | 12 | MO 15 | 10,7 | 23,6 | 200,0 | 7,9 | S |

Note: Please check Test Conditions on page 1.

REFRIGERANT APPLICATION FREQUENCY
R 600a HBP 50 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|----------|--------------|-------|--------|---------------------|--------------|------|-------------|--------------|-------|-------|--------|------|---------------|------|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] | [oz²] | Type | [kg] | [lb] | [mm] | [in] | |
| BPE5125Y | 4,60 | 0,28 | 827LA | 220-240 V 50 Hz 1~ | RSIR RSCR | 3,2 | C | 200 | 7 | MO 32 | 7,1 | 15,7 | 150,0 | 5,9 | S |
| BPE5128Y | 5,50 | 0,34 | 827MA | 220-240 V 50 Hz 1~ | RSIR RSCR | 4,0 | C | 200 | 7 | MO 32 | 7,3 | 16,1 | 150,0 | 5,9 | S |
| BPE5132Y | 6,60 | 0,40 | 827NA | 220-240 V 50 Hz 1~ | RSIR RSCR | 4,9 | C | 200 | 7 | MO 32 | 7,5 | 16,5 | 150,0 | 5,9 | S |
| NEK6144Y | 10 | 0,61 | 861HA | 220-240 V 50 Hz 1~ | CSIR | 12,4 | C-V | 350 | 12 | MO 32 | 10,4 | 22,9 | 187 | 7,4 | F |
| NEK6160Y | 12,12 | 0,74 | 861IA | 220-240 V 50 Hz 1~ | CSIR | 12,4 | C-V | 350 | 12 | MO 32 | 10,4 | 22,9 | 187 | 7,4 | F |

Note: Please check Test Conditions on page 1.

REFRIGERANT APPLICATION FREQUENCY
R 290 LBP 50 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|----------|--------------|-------|--------|---------------------|------------|------|-------------|--------------|-------|-------|--------|------|---------------|------|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] | [oz²] | Type | [kg] | [lb] | [mm] | [in] | |
| NEK2125U | 7,28 | 0,44 | 861CA | 220-240 V 50 Hz 1~ | CSIR | 12,4 | C-V | 350 | 12 | MO 68 | 10,4 | 22,9 | 187 | 7,4 | F |
| NEK2134U | 10 | 0,61 | 862AA | 220-240 V 50 Hz 1~ | CSIR | 13,1 | C-V | 350 | 12 | MO 68 | 11 | 24,3 | 200 | 7,9 | F |
| NEK2150U | 13,54 | 0,81 | 863AA | 220-240 V 50 Hz 1~ | CSIR | 19,5 | C-V | 350 | 12 | MO 68 | 11,6 | 25,5 | 206 | 8,1 | F |

Note: Please check Test Conditions on page 1.

| FREQUENCY | | APPLICATION | | REFRIGERANT | |
|-----------|--|-------------|--|-------------|--|
| 50 Hz | | AC | | R 407C | |

| Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] | | | | | | | | | | | Drawings | | MODEL |
|--------------------------------|---|------|-------------------------|------|-----------------|----------------|------------------------|------|------|------|-------|-----------------------|------------------------|-------|
| | Subcooled conditions [W] | | | | | | | | | | | External View ref. | Wiring Diagram ref. | |
| | Rated Point +7.2°C | | | | | | | | | | | | | |
| | 0 | +5 | Cooling [W] [kcal/h] | | W. input [W] | Current [A] | EER [W/W] [kcal/hW] | | +10 | +15 | | | | |
| 54.4 | 3220 | 3990 | 4357 | 3747 | 1805 | 9,1 | 2,41 | 2,08 | 4840 | 5770 | DWG13 | SM15 | J7238GE | |
| 45 | 3797 | 4663 | | | | | | | 5629 | 6692 | | | | |
| 54.4 | 3220 | 3990 | 4357 | 3747 | 1805 | 9,1 | 2,41 | 2,08 | 4840 | 5770 | DWG14 | SM15 | NJ7238GE | |
| 45 | 3797 | 4663 | | | | | | | 5629 | 6692 | | | | |
| 54.4 | 3220 | 3990 | 4357 | 3747 | 1742 | 3,2 | 2,50 | 2,15 | 4840 | 5770 | DWG13 | SM18 | J7238GP | |
| 45 | 3797 | 4663 | | | | | | | 5629 | 6692 | | | | |
| 54.4 | 3220 | 3990 | 4357 | 3747 | 1742 | 3,2 | 2,50 | 2,15 | 4840 | 5770 | DWG14 | SM18 | NJ7238GP | |
| 45 | 3797 | 4663 | | | | | | | 5629 | 6692 | | | | |
| 54.4 | 3390 | 4200 | 4587 | 3945 | 1900 | 9,6 | 2,41 | 2,08 | 5095 | 6074 | DWG13 | SM15 | J7240GF | |
| 45 | 4909 | 5926 | | | | | | | 7044 | 8267 | | | | |
| 54.4 | 3390 | 4200 | 4587 | 3945 | 1900 | 9,6 | 2,41 | 2,08 | 5095 | 6074 | DWG14 | SM15 | NJ7240GF | |
| 45 | 4909 | 5926 | | | | | | | 7044 | 8267 | | | | |
| 54.4 | 3390 | 4200 | 4587 | 3945 | 1833 | 3,4 | 2,50 | 2,15 | 5095 | 6074 | DWG13 | SM18 | J7240GP | |
| 45 | 4909 | 5926 | | | | | | | 7044 | 8267 | | | | |
| 54.4 | 3390 | 4200 | 4587 | 3945 | 1833 | 3,4 | 2,50 | 2,15 | 5095 | 6074 | DWG14 | SM18 | NJ7240GP | |
| 45 | 4909 | 5926 | | | | | | | 7044 | 8267 | | | | |

| FREQUENCY | | APPLICATION | | REFRIGERANT | |
|-----------|--|-------------|--|-------------|--|
| 50 Hz | | LBP | | R 600a | |

| Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] | | | | | | | | | | | Drawings | | MODEL | |
|--------------------------------|---|-----|-------------------------|-----|-----------------|----------------|------------------------|------|-----|-----|-----|-----------------------|------------------------|-------|----------|
| | Subcooled conditions [W] | | | | | | | | | | | External View ref. | Wiring Diagram ref. | | |
| | Rated Point -23.3°C | | | | | | | | | | | | | | |
| | -30 | -25 | Cooling [W] [kcal/h] | | W. input [W] | Current [A] | EER [W/W] [kcal/hW] | | -20 | -15 | -10 | -5 | | | |
| 54.4 | | 139 | 153 | 132 | 118 | 0,8 | 1,30 | 1,12 | 184 | 236 | 295 | 362 | DWG02 | SM00 | NBM1114Y |
| 45 | 114 | 151 | | | | | | | 196 | 249 | 311 | 381 | | | |
| 54.4 | | 176 | 191 | 164 | 143 | 1,0 | 1,34 | 1,15 | 225 | 285 | 357 | 440 | DWG02 | SM00 | NBM1116Y |
| 45 | 149 | 188 | | | | | | | 240 | 305 | 383 | 474 | | | |
| 54.4 | | 203 | 221 | 190 | 162 | 1,1 | 1,37 | 1,18 | 260 | 330 | 412 | 507 | DWG02 | SM00 | NBM1118Y |
| 45 | 172 | 217 | | | | | | | 277 | 351 | 439 | 541 | | | |

| FREQUENCY | | APPLICATION | | REFRIGERANT | |
|-----------|--|-------------|--|-------------|--|
| 50 Hz | | HBP | | R 600a | |

| Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] | | | | | | | | | | | Drawings | | MODEL | |
|--------------------------------|---|-----|-----|-----|-----|-------------------------|-----|-----------------|----------------|------------------------|------|-----------------------|------------------------|-------|----------|
| | Subcooled conditions [W] | | | | | | | | | | | External View ref. | Wiring Diagram ref. | | |
| | Rated Point +7.2°C | | | | | | | | | | | | | | |
| | -15 | -10 | -5 | 0 | +5 | Cooling [W] [kcal/h] | | W. input [W] | Current [A] | EER [W/W] [kcal/hW] | | +10 | | | |
| 54.4 | | | 173 | 211 | 254 | 275 | 237 | 108 | 0,7 | 2,54 | 2,19 | 302 | DWG01 | SM00 | BPE5125Y |
| 45 | 118 | 148 | 183 | 222 | 266 | | | | | | | 315 | | | |
| 54.4 | | | 208 | 254 | 305 | 330 | 284 | 138 | 0,8 | 2,38 | 2,05 | 363 | DWG01 | SM00 | BPE5128Y |
| 45 | 143 | 180 | 223 | 271 | 326 | | | | | | | 386 | | | |
| 54.4 | | | 255 | 311 | 374 | 403 | 347 | 171 | 0,9 | 2,36 | 2,04 | 443 | DWG01 | SM00 | BPE5132Y |
| 45 | 173 | 218 | 269 | 328 | 394 | | | | | | | 468 | | | |
| 54.4 | | | 330 | 412 | 505 | 550 | 473 | 229 | 1,74 | 2,40 | 2,07 | 609 | DWG03 | SM05 | NEK6144Y |
| 45 | 234 | 298 | 373 | 460 | 563 | | | | | | | 676 | | | |
| 54.4 | | | 412 | 510 | 622 | 678 | 583 | 268 | 1,84 | 2,53 | 2,17 | 750 | DWG03 | SM05 | NEK6160Y |
| 45 | 291 | 370 | 464 | 572 | 694 | | | | | | | 833 | | | |

| FREQUENCY | | APPLICATION | | REFRIGERANT | |
|-----------|--|-------------|--|-------------|--|
| 50 Hz | | LBP | | R 290 | |

| Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] | | | | | | | | | | | Drawings | | MODEL | | |
|--------------------------------|---|-----|-----|-----|-------------------------|-----|-----------------|----------------|------------------------|------|-----|-----------------------|------------------------|-------|------|----------|
| | Subcooled conditions [W] | | | | | | | | | | | External View ref. | Wiring Diagram ref. | | | |
| | Rated Point -23.3°C | | | | | | | | | | | | | | | |
| | -40 | -35 | -30 | -25 | Cooling [W] [kcal/h] | | W. input [W] | Current [A] | EER [W/W] [kcal/hW] | | -20 | -15 | -10 | | | |
| 54.4 | | | 230 | 292 | 307 | 272 | 242 | 1,71 | 1,27 | 1,13 | 367 | 462 | 571 | DWG03 | SM05 | NEK2125U |
| 45 | 171 | 202 | 250 | 314 | | | | | | | 394 | 491 | 603 | | | |
| 54.4 | | | 331 | 414 | 449 | 386 | 330 | 2,04 | 1,36 | 1,17 | 516 | 645 | 793 | DWG03 | SM05 | NEK2134U |
| 45 | 230 | 281 | 351 | 440 | | | | | | | 547 | 683 | 828 | | | |
| 54.4 | | | 417 | 536 | 581 | 500 | 444 | 2,98 | 1,31 | 1,13 | 678 | 843 | 1031 | DWG03 | SM05 | NEK2150U |
| 45 | 264 | 333 | 441 | 576 | | | | | | | 723 | 898 | 1094 | | | |

REFRIGERANT APPLICATION FREQUENCY
R 134a LBP 60 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA [A] | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|---------|--------------|-------|--------|-------------------------------------|--------------|------------|-------------|-----------------------|------|--------|--------|------|------------------|------|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] [oz²] | Type | [kg] | [lb] | [mm] | [in] | | |
| NB1112Z | 6,26 | 0,38 | 293FG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | RSIR RSCR | 20,0 | C | 350 | 12 | POE 22 | 9,5 | 20,9 | 177,0 | 7,0 | S |
| NB1116Z | 8,40 | 0,51 | 294SG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | RSIR RSCR | 27,5 | C | 350 | 12 | POE 22 | 9,8 | 21,6 | 187,0 | 7,4 | S |
| NB1118Z | 8,07 | 0,49 | 294UG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | RSIR RSCR | 28,0 | C | 350 | 12 | POE 22 | 10,4 | 22,9 | 187,0 | 7,4 | S |
| NB2116Z | 8,40 | 0,51 | 294TG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 26,5 | C/V | 350 | 12 | POE 22 | 9,8 | 21,6 | 187,0 | 7,4 | S |
| NE2121Z | 9,27 | 0,57 | 262BG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 29,0 | C/V | 350 | 12 | POE 22 | 11,0 | 24,3 | 200,0 | 7,9 | F |
| NE2130Z | 12,12 | 0,74 | 262DG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 38,0 | C/V | 350 | 12 | POE 22 | 11,0 | 24,3 | 200,0 | 7,9 | F |
| NE2134Z | 14,30 | 0,87 | 262JG | 115 V Hz / 100 V 50 Hz | CSIR | 33,0 | C/V | 350 | 12 | POE 22 | 11,5 | 25,4 | 200,0 | 7,9 | F |
| T2134Z | 19,04 | 1,16 | 203HG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 30,0 | C/V | 580 | 20 | POE 22 | 13,1 | 28,9 | 201,0 | 7,9 | F |
| T2134Z | 19,04 | 1,16 | 203HD | 208-230 V 60 Hz / 200 V 50 Hz | CSIR | 21,0 | C/V | 550 | 19 | POE 22 | 13,1 | 28,9 | 201,0 | 7,9 | F |
| T2134Z | 19,04 | 1,16 | 207IQ | 100 V 50/60 Hz | CSIR | 45,5 | C/V | 580 | 20 | POE 22 | 13,1 | 28,9 | 201,0 | 7,9 | F |
| T2140H | 22,40 | 1,37 | 207HD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSIR | 26,0 | C/V | 580 | 20 | POE 22 | 14,9 | 32,8 | 221,0 | 8,7 | F |
| J2152Z | 27,12 | 1,65 | 164LG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 59,0 | C/V | 890 | 31 | POE 22 | 20,0 | 44,1 | 265,0 | 10,4 | F |
| NJ2152Z | 27,12 | 1,65 | 144LG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 59,0 | C/V | 890 | 31 | POE 22 | 20,0 | 44,1 | 265,0 | 10,4 | F |

Note: Please check Test Conditions on page 1.

REFRIGERANT APPLICATION FREQUENCY
R 134a HBP 60 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA [A] | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|---------|--------------|-------|--------|-------------------------------------|------------|------------|-------------|-----------------------|------|--------|--------|------|------------------|-----|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] [oz²] | Type | [kg] | [lb] | [mm] | [in] | | |
| NB5125Z | 3,78 | 0,23 | 293AG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | RSIR | 14,0 | C | 350 | 12 | POE 22 | 11,5 | 25,4 | 177,0 | 7,0 | S |
| NB5128Z | 4,52 | 0,28 | 293BG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | RSIR | 17,0 | C | 350 | 12 | POE 22 | 11,5 | 25,4 | 177,0 | 7,0 | S |
| NB5132Z | 5,02 | 0,31 | 293CG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | RSIR | 20,0 | C | 350 | 12 | POE 22 | 9,5 | 20,9 | 177,0 | 7,0 | S |
| NB6132Z | 5,02 | 0,31 | 293DG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 15,1 | C/V | 350 | 12 | POE 22 | 9,5 | 20,9 | 177,0 | 7,0 | S |
| NB5144Z | 6,05 | 0,37 | 294AG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | RSIR | 23,0 | C | 350 | 12 | POE 22 | 9,7 | 21,4 | 187,0 | 7,4 | F |
| NB6144Z | 6,05 | 0,37 | 294BG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 19,3 | C/V | 350 | 12 | POE 22 | 9,7 | 21,4 | 187,0 | 7,4 | F |
| NE5160Z | 8,00 | 0,49 | 261AG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | RSIR | 25,0 | C | 350 | 12 | POE 22 | 9,9 | 21,8 | 187,0 | 7,4 | F |
| NE6160Z | 8,00 | 0,49 | 261BG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 21,5 | C/V | 350 | 12 | POE 22 | 10,4 | 22,9 | 187,0 | 7,4 | F |
| NE5170Z | 8,78 | 0,54 | 261CG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | RSIR | 31,0 | C | 350 | 12 | POE 22 | 10,4 | 22,9 | 187,0 | 7,4 | F |
| NE6170Z | 8,78 | 0,54 | 261DG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 25,0 | C/V | 350 | 12 | POE 22 | 10,4 | 22,9 | 187,0 | 7,4 | F |
| NE5187Z | 12,12 | 0,74 | 261EG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | RSIR | 35,0 | C | 350 | 12 | POE 22 | 10,4 | 22,9 | 187,0 | 7,4 | F |
| NE6187Z | 12,12 | 0,74 | 261FD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSIR | 17,3 | C/V | 350 | 12 | POE 22 | 10,4 | 22,9 | 187,0 | 7,4 | F |
| NE6187Z | 12,12 | 0,74 | 261FG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 29,0 | C/V | 350 | 12 | POE 22 | 10,4 | 22,9 | 187,0 | 7,4 | F |

Note: Please check Test Conditions on page 1.

| FREQUENCY | APPLICATION | REFRIGERANT |
|-----------|-------------|-------------|
| 60 Hz | LBP | R 134a |

| Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] Subcooled conditions [W] | | | | | | | | | | | | Drawings | | MODEL | | |
|--------------------------------|---|------------|---------------------------|-----|-----------------|----------------|--------------------------|------|------------|--------------|--------------|--------------|----------|------|---------|-----------------------|------------------------|
| | Rated Point -23.3°C | | | | | | | | | | -20 | -15 | -10 | -5 | | External View ref. | Wiring Diagram ref. |
| | -30 | -25 | Cooling [W] [kcal/h] | | W. input [W] | Current [A] | EER [W/W] [kcal/hW] | | | | | | | | | | |
| 54.4 45 | 119 | 136 162 | 152 | 131 | 156 | 2.0 | 0.98 | 0.84 | 187 214 | 247 276 | 317 349 | 397 432 | DWG04 | SM02 | NB1112Z | | |
| 54.4 45 | 157 | 183 209 | 203 | 175 | 194 | 2.9 | 1.05 | 0.90 | 247 274 | 326 352 | 418 444 | 523 548 | DWG04 | SM02 | NB1116Z | | |
| 54.4 45 | 171 | 210 230 | 234 | 201 | 194 | 1.2 | 1.20 | 1.03 | 284 305 | 372 395 | 472 500 | 586 620 | DWG04 | SM02 | NB1118Z | | |
| 54.4 45 | 157 | 183 209 | 203 | 175 | 198 | 2.9 | 1.03 | 0.89 | 247 274 | 326 352 | 418 444 | 523 548 | DWG04 | SM04 | NB2116Z | | |
| 54.4 45 | 202 | 252 268 | 278 | 239 | 255 | 4.4 | 1.09 | 0.94 | 335 352 | 435 453 | 552 571 | 685 706 | DWG04 | SM04 | NE2121Z | | |
| 54.4 45 | 267 | 332 350 | 367 | 315 | 309 | 4.9 | 1.18 | 1.01 | 440 455 | 565 580 | 709 727 | 871 895 | DWG04 | SM04 | NE2130Z | | |
| 54.4 45 | 295 | 369 389 | 425 | 365 | 346 | 5.3 | 1.23 | 1.05 | 485 507 | 626 649 | 791 815 | 980 1006 | DWG04 | SM04 | NE2134Z | | |
| 54.4 45 | 361 | 418 455 | 463 | 398 | 416 | 4.8 | 1.11 | 0.95 | 563 599 | 748 794 | 971 1038 | 1234 1333 | DWG08 | SM08 | T2134Z | | |
| 54.4 45 | 361 | 418 455 | 463 | 398 | 394 | 3.1 | 1.17 | 1.01 | 563 599 | 748 794 | 971 1038 | 1234 1333 | DWG08 | SM08 | T2134Z | | |
| 54.4 45 | 361 | 418 455 | 463 | 398 | 416 | 4.8 | 1.11 | 0.95 | 563 599 | 748 794 | 971 1038 | 1234 1333 | DWG08 | SM08 | T2134Z | | |
| 54.4 45 | 382 | 455 508 | 512 | 440 | 425 | 2.9 | 1.21 | 1.04 | 640 692 | 873 935 | 1153 1236 | 1481 1596 | DWG08 | SM08 | T2140H | | |
| 54.4 45 | 422 | 610 645 | 704 | 605 | 512 | 7.0 | 1.37 | 1.18 | 899 910 | 1223 1215 | 1581 1562 | 1974 1949 | DWG13 | SM14 | J2152Z | | |
| 54.4 45 | 422 | 610 645 | 704 | 605 | 512 | 7.0 | 1.37 | 1.18 | 899 910 | 1223 1215 | 1581 1562 | 1974 1949 | DWG14 | SM14 | NJ2152Z | | |

| FREQUENCY | APPLICATION | REFRIGERANT |
|-----------|-------------|-------------|
| 60 Hz | HBP | R 134a |

| Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] Subcooled conditions [W] | | | | | | | | | | | | | Drawings | | MODEL |
|--------------------------------|---|-----|-----|-----|------|---------------------------|------|-----------------|----------------|--------------------------|------|-----------------------|------------------------|----------|---------|-------|
| | Rated Point +7.2°C | | | | | | | | | | +10 | External View ref. | Wiring Diagram ref. | | | |
| | -15 | -10 | -5 | 0 | +5 | Cooling [W] [kcal/h] | | W. input [W] | Current [A] | EER [W/W] [kcal/hW] | | | | | | |
| 54.4 45 | 142 | 185 | 200 | 256 | 320 | 351 | 302 | 189 | 2.2 | 1.85 | 1.60 | 393 458 | DWG04 | SM02 | NB5125Z | |
| 54.4 45 | 176 | 227 | 246 | 312 | 390 | 427 | 367 | 219 | 2.5 | 1.95 | 1.68 | 478 549 | DWG04 | SM02 | NB5128Z | |
| 54.4 45 | 213 | 272 | 298 | 374 | 463 | 505 | 434 | 270 | 3.0 | 1.87 | 1.61 | 563 643 | DWG04 | SM02 | NB5132Z | |
| 54.4 45 | 221 | 283 | 309 | 386 | 476 | 518 | 445 | 274 | 2.9 | 1.89 | 1.63 | 576 661 | DWG04 | SM04 | NB6132Z | |
| 54.4 45 | 273 | 345 | 379 | 468 | 569 | 617 | 531 | 350 | 3.8 | 1.77 | 1.52 | 682 767 | DWG04 | SM02 | NB5144Z | |
| 54.4 45 | 273 | 345 | 379 | 468 | 569 | 617 | 531 | 350 | 3.8 | 1.77 | 1.52 | 682 767 | DWG04 | SM04 | NB6144Z | |
| 54.4 45 | 315 | 430 | 466 | 613 | 766 | 835 | 718 | 374 | 4.0 | 2.24 | 1.93 | 925 1071 | DWG04 | SM02 | NE5160Z | |
| 54.4 45 | 315 | 430 | 466 | 613 | 766 | 835 | 718 | 374 | 4.0 | 2.24 | 1.93 | 925 1071 | DWG04 | SM04 | NE6160Z | |
| 54.4 45 | 380 | 502 | 545 | 699 | 874 | 958 | 824 | 419 | 4.7 | 2.29 | 1.97 | 1071 1228 | DWG04 | SM02 | NE5170Z | |
| 54.4 45 | 366 | 490 | 529 | 683 | 858 | 942 | 810 | 418 | 4.8 | 2.25 | 1.94 | 1054 1216 | DWG04 | SM04 | NE6170Z | |
| 54.4 45 | 520 | 675 | 734 | 935 | 1166 | 1278 | 1099 | 616 | 7.1 | 2.08 | 1.79 | 1428 1665 | DWG04 | SM02 | NE5187Z | |
| 54.4 45 | 520 | 675 | 734 | 935 | 1166 | 1278 | 1099 | 616 | 7.1 | 2.08 | 1.79 | 1428 1665 | DWG04 | SM04 | NE6187Z | |
| 54.4 45 | 520 | 675 | 734 | 935 | 1166 | 1278 | 1099 | 616 | 7.1 | 2.08 | 1.79 | 1428 1665 | DWG04 | SM04 | NE6187Z | |

REFRIGERANT APPLICATION FREQUENCY
R 134a HBP 60 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|----------|--------------|-------|--------|---|------------|------|-------------|-----------|------|--------|--------|------|---------------|------|--------------|
| | [cm³] | [in³] | | | | | | Charge | Type | [kg] | [lb] | [mm] | [in] | | |
| NE6210Z | 13,54 | 0,83 | 262FD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSIR | 23,5 | C/V | 350 | 12 | POE 22 | 11,0 | 24,3 | 200,0 | 7,9 | F |
| NE6210Z | 13,54 | 0,83 | 262FG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 37,5 | C/V | 350 | 12 | POE 22 | 11,0 | 24,3 | 200,0 | 7,9 | F |
| NEK6170Z | 8,4 | 0,51 | 267BG | 115 V 60 Hz 1~ | CSIR | 26,5 | C-V | 350 | 12 | POE22 | 10,4 | 22,9 | 187 | 7,4 | F |
| NEK6187Z | 10 | 0,61 | 268AG | 115 V 60 Hz 1~ | CSIR | 37 | C-V | 350 | 12 | POE22 | 10,4 | 22,9 | 200 | 7,9 | F |
| NEK6210Z | 12,12 | 0,74 | 268BG | 115 V 60 Hz 1~ | CSIR | 37 | C-V | 350 | 12 | POE22 | 11 | 24,3 | 200 | 7,9 | F |
| T6213Z | 17,40 | 1,06 | 203LG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 36,0 | C/V | 550 | 19 | POE 22 | 13,7 | 30,2 | 201,0 | 7,9 | F |
| T6213Z | 17,40 | 1,06 | 206DD | 208-230 V 60 Hz / 200 V 50 Hz | CSIR | 30,0 | C/V | 550 | 19 | POE 22 | 13,7 | 30,2 | 201,0 | 7,9 | F |
| T6215Z | 20,40 | 1,24 | 206ZD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSIR | 28,8 | C/V | 580 | 20 | POE 22 | 14,5 | 32,0 | 221,0 | 8,7 | F |
| T6215Z | 20,40 | 1,24 | 206ZG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 45,0 | C/V | 580 | 20 | POE 22 | 14,5 | 32,0 | 221,0 | 8,7 | F |
| T6217Z | 22,40 | 1,36 | 206TD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSIR | 28,8 | C/V | 580 | 20 | POE 22 | 16,3 | 35,9 | 221,0 | 8,7 | F |
| T6217Z | 22,40 | 1,36 | 206TG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 48,8 | C/V | 580 | 20 | POE 22 | 16,3 | 35,9 | 221,0 | 8,7 | F |
| J6220Z | 26,20 | 1,60 | 164HD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSIR | 42,0 | C/V | 890 | 31 | POE 22 | 20,3 | 44,8 | 265,0 | 10,4 | F |
| NJ6220Z | 26,20 | 1,60 | 144HD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSIR | 42,0 | C/V | 890 | 31 | POE 22 | 20,3 | 44,8 | 265,0 | 10,4 | F |
| J6220Z | 26,20 | 1,60 | 164HG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 72,0 | C/V | 890 | 31 | POE 22 | 19,7 | 43,4 | 265,0 | 10,4 | F |
| NJ6220Z | 26,20 | 1,60 | 144HG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 72,0 | C/V | 890 | 31 | POE 22 | 19,7 | 43,4 | 265,0 | 10,4 | F |
| J6220ZX | 26,20 | 1,60 | 168HM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 10,0 | C/V | 890 | 31 | POE 22 | 19,6 | 43,2 | 265,0 | 10,4 | F |
| NJ6220ZX | 26,20 | 1,60 | 148HM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 10,0 | C/V | 890 | 31 | POE 22 | 19,6 | 43,2 | 265,0 | 10,4 | F |
| J6226Z | 34,37 | 2,10 | 162HD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSR | 40,0 | C/V | 890 | 31 | POE 22 | 20,1 | 44,3 | 253,0 | 10,0 | F |
| NJ6226Z | 34,37 | 2,10 | 142HD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSR | 40,0 | C/V | 890 | 31 | POE 22 | 20,1 | 44,3 | 253,0 | 10,0 | F |
| J6226ZX | 34,37 | 2,10 | 168IM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 13,0 | C/V | 890 | 31 | POE 22 | 20,2 | 44,5 | 265,0 | 10,4 | F |
| NJ6226ZX | 34,37 | 2,10 | 148IM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 13,0 | C/V | 890 | 31 | POE 22 | 20,2 | 44,5 | 265,0 | 10,4 | F |

Note: Please check Test Conditions on page 1.

REFRIGERANT APPLICATION FREQUENCY
R 22 LBP 60 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|---------|--------------|-------|--------|-------------------------------------|------------|------|-------------|-----------|------|-------|--------|------|---------------|------|--------------|
| | [cm³] | [in³] | | | | | | Charge | Type | [kg] | [lb] | [mm] | [in] | | |
| NE2134E | 12,12 | 0,74 | 263AD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSIR | 20,0 | C/V | 350 | 12 | AB 46 | 11,5 | 25,4 | 206,0 | 8,1 | F |
| NE2134E | 12,12 | 0,74 | 263AG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 33,0 | C/V | 350 | 12 | AB 46 | 11,5 | 25,4 | 206,0 | 8,1 | F |
| T2140E | 14,50 | 0,88 | 116AD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSIR | 29,5 | C/V | 580 | 20 | AB 46 | 16,5 | 36,4 | 221,0 | 8,7 | F |
| T2155E | 17,40 | 1,06 | 116BD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSR | 20,0 | C/V | 580 | 20 | AB 46 | 15,6 | 34,4 | 221,0 | 8,7 | F |
| T2168E | 20,40 | 1,24 | 116UD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSR | 32,5 | C/V | 580 | 20 | AB 46 | 16,6 | 36,6 | 221,0 | 8,7 | F |
| J2178E | 23,50 | 1,43 | 163RD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSR | 35,0 | C/V | 890 | 31 | AB 46 | 22,8 | 50,3 | 277,0 | 10,9 | F |
| NJ2178E | 23,50 | 1,43 | 143RD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSR | 35,0 | C/V | 890 | 31 | AB 46 | 22,8 | 50,3 | 277,0 | 10,9 | F |

Note: Please check Test Conditions on page 1.

FREQUENCY APPLICATION REFRIGERANT
60 Hz HBP R 134a

| Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] Subcooled conditions [W] | | | | | | | | | | | | Drawings | | MODEL | |
|--------------------------------|---|------|--------------------|------|------|-------|-----------|----------------|----------|-----------------|----------------|------|----------|-----------------------|----------|------------------------|
| | -15 | -10 | Rated Point +7.2°C | | | | | Cooling [W] | [kcal/h] | W. input [W] | Current [A] | EER | | External View ref. | | Wiring Diagram ref. |
| | | | -5 | 0 | +5 | [W/W] | [kcal/hW] | | | | | +10 | | | | |
| 54.4 | 602 | 775 | 849 | 1071 | 1324 | 1445 | 1243 | 686 | 3.8 | 2.11 | 1.81 | 1609 | DWG04 | SM04 | NE6210Z | |
| 45 | | | 986 | 1235 | 1522 | | | | | | | | | | | 1847 |
| 54.4 | 602 | 775 | 849 | 1071 | 1324 | 1445 | 1243 | 686 | 7.6 | 2.11 | 1.81 | 1609 | DWG04 | SM04 | NE6210Z | |
| 45 | | | 986 | 1235 | 1522 | | | | | | | | | | | 1847 |
| 54.4 | 427 | 537 | 583 | 724 | 892 | 978 | 841 | 418 | 4.95 | 2.34 | 2.01 | 1090 | DWG04 | SM04 | NEK6170Z | |
| 45 | | | 673 | 835 | 1022 | | | | | | | | | | | 1236 |
| 54.4 | 485 | 603 | 662 | 828 | 1026 | 1122 | 965 | 486 | 5.82 | 2.30 | 1.99 | 1253 | DWG04 | SM04 | NEK6187Z | |
| 45 | | | 757 | 947 | 1170 | | | | | | | | | | | 1428 |
| 54.4 | 573 | 726 | 801 | 995 | 1219 | 1326 | 1140 | 608 | 6.83 | 2.18 | 1.88 | 1469 | DWG04 | SM04 | NEK6210Z | |
| 45 | | | 912 | 1133 | 1387 | | | | | | | | | | | 1678 |
| 54.4 | 668 | 879 | 976 | 1250 | 1562 | 1712 | 1472 | 835 | 9.3 | 2.05 | 1.76 | 1913 | DWG08 | SM08 | T6213Z | |
| 45 | | | 1135 | 1437 | 1783 | | | | | | | | | | | 2174 |
| 54.4 | 668 | 879 | 976 | 1250 | 1562 | 1712 | 1472 | 835 | 4.7 | 2.05 | 1.76 | 1913 | DWG08 | SM08 | T6213Z | |
| 45 | | | 1135 | 1437 | 1783 | | | | | | | | | | | 2174 |
| 54.4 | 798 | 1046 | 1174 | 1507 | 1890 | 2075 | 1785 | 970 | 5.7 | 2.14 | 1.84 | 2325 | DWG08 | SM08 | T6215Z | |
| 45 | | | 1364 | 1751 | 2207 | | | | | | | | | | | 2733 |
| 54.4 | 798 | 1046 | 1174 | 1507 | 1890 | 2075 | 1785 | 970 | 11.4 | 2.14 | 1.84 | 2325 | DWG08 | SM08 | T6215Z | |
| 45 | | | 1364 | 1751 | 2207 | | | | | | | | | | | 2733 |
| 54.4 | 862 | 1130 | 1239 | 1603 | 2027 | 2233 | 1920 | 1054 | 5.6 | 2.12 | 1.82 | 2512 | DWG08 | SM08 | T6217Z | |
| 45 | | | 1474 | 1892 | 2385 | | | | | | | | | | | 2953 |
| 54.4 | 862 | 1130 | 1239 | 1603 | 2027 | 2233 | 1920 | 1054 | 11.2 | 2.12 | 1.82 | 2512 | DWG08 | SM08 | T6217Z | |
| 45 | | | 1474 | 1892 | 2385 | | | | | | | | | | | 2953 |
| 54.4 | 1125 | 1478 | 1721 | 2201 | 2727 | 2973 | 2557 | 1220 | 7.4 | 2.44 | 2.10 | 3299 | DWG13 | SM14 | J6220Z | |
| 45 | | | 1916 | 2442 | 3053 | | | | | | | | | | | 3751 |
| 54.4 | 1125 | 1478 | 1721 | 2201 | 2727 | 2973 | 2557 | 1220 | 7.4 | 2.44 | 2.10 | 3299 | DWG14 | SM14 | NJ6220Z | |
| 45 | | | 1916 | 2442 | 3053 | | | | | | | | | | | 3751 |
| 54.4 | 1125 | 1478 | 1721 | 2201 | 2727 | 2973 | 2557 | 1250 | 13.3 | 2.38 | 2.05 | 3299 | DWG13 | SM14 | J6220Z | |
| 45 | | | 1916 | 2442 | 3053 | | | | | | | | | | | 3751 |
| 54.4 | 1125 | 1478 | 1721 | 2201 | 2727 | 2973 | 2557 | 1250 | 13.3 | 2.38 | 2.05 | 3299 | DWG14 | SM14 | NJ6220Z | |
| 45 | | | 1916 | 2442 | 3053 | | | | | | | | | | | 3751 |
| 54.4 | 1125 | 1478 | 1721 | 2201 | 2727 | 2973 | 2557 | 1021 | 1.6 | 2.91 | 2.50 | 3299 | DWG13 | SM18 | J6220ZX | |
| 45 | | | 1916 | 2442 | 3053 | | | | | | | | | | | 3751 |
| 54.4 | 1125 | 1478 | 1721 | 2201 | 2727 | 2973 | 2557 | 1021 | 1.6 | 2.91 | 2.50 | 3299 | DWG14 | SM18 | NJ6220ZX | |
| 45 | | | 1916 | 2442 | 3053 | | | | | | | | | | | 3751 |
| 54.4 | 1662 | 2096 | 2064 | 2604 | 3196 | 3473 | 2987 | 1525 | 7.3 | 2.28 | 1.96 | 3840 | DWG13 | SM17 | J6226Z | |
| 45 | | | 2608 | 3199 | 3868 | | | | | | | | | | | 4616 |
| 54.4 | 1662 | 2096 | 2064 | 2604 | 3196 | 3473 | 2987 | 1525 | 7.3 | 2.28 | 1.96 | 3840 | DWG14 | SM17 | NJ6226Z | |
| 45 | | | 2608 | 3199 | 3868 | | | | | | | | | | | 4616 |
| 54.4 | 1662 | 2096 | 2064 | 2604 | 3196 | 3473 | 2987 | 1390 | 2.4 | 2.50 | 2.15 | 3840 | DWG13 | SM18 | J6226ZX | |
| 45 | | | 2608 | 3199 | 3868 | | | | | | | | | | | 4616 |
| 54.4 | 1662 | 2096 | 2064 | 2604 | 3196 | 3473 | 2987 | 1390 | 2.4 | 2.50 | 2.15 | 3840 | DWG14 | SM18 | NJ6226ZX | |
| 45 | | | 2608 | 3199 | 3868 | | | | | | | | | | | 4616 |

FREQUENCY APPLICATION REFRIGERANT
60 Hz LBP R 22

| Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] Subcooled conditions [W] | | | | | | | | | | | Drawings | | MODEL |
|--------------------------------|---|------|---------------------|----------|-----------------|----------------|--------------|------|------|------|-----------------------|------------------------|-----------|---------|
| | -30 | -25 | Rated Point -23.3°C | | | | | -20 | -15 | -10 | External View ref. | Wiring Diagram ref. | | |
| | | | Cooling [W] | [kcal/h] | W. input [W] | Current [A] | EER [W/W] | | | | | | [kcal/hW] | |
| 54.4 | 401 | 529 | 513 | 441 | 469 | 3.1 | 1.09 | 0.94 | 620 | 800 | 1003 | DWG04 | SM04 | NE2134E |
| 45 | | | 686 | 873 | 1089 | | | | | | | | | |
| 54.4 | 401 | 529 | 513 | 441 | 469 | 6.1 | 1.09 | 0.94 | 620 | 800 | 1003 | DWG04 | SM04 | NE2134E |
| 45 | | | 686 | 873 | 1089 | | | | | | | | | |
| 54.4 | 407 | 564 | 580 | 499 | 578 | 3.4 | 1.00 | 0.86 | 706 | 931 | 1197 | DWG09 | SM08 | T2140E- |
| 45 | | | 766 | 1013 | 1306 | | | | | | | | | |
| 54.4 | 499 | 691 | 701 | 603 | 563 | 2.6 | 1.24 | 1.07 | 855 | 1129 | 1452 | DWG11 | SM13 | T2155E |
| 45 | | | 934 | 1228 | 1572 | | | | | | | | | |
| 54.4 | 640 | 848 | 887 | 763 | 755 | 3.7 | 1.17 | 1.01 | 1060 | 1365 | 1723 | DWG11 | SM13 | T2168E |
| 45 | | | 1127 | 1477 | 1897 | | | | | | | | | |
| 54.4 | 773 | 1069 | 1067 | 918 | 832 | 4.0 | 1.28 | 1.10 | 1285 | 1667 | 2109 | DWG13 | SM16 | J2178E |
| 45 | | | 1420 | 1827 | 2288 | | | | | | | | | |
| 54.4 | 773 | 1069 | 1067 | 918 | 832 | 4.0 | 1.28 | 1.10 | 1285 | 1667 | 2109 | DWG14 | SM16 | NJ2178E |
| 45 | | | 1420 | 1827 | 2288 | | | | | | | | | |

REFRIGERANT APPLICATION FREQUENCY
R 22 HBP 60 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|---------|--------------|-------|--------|-------------------------------------|------------|------|-------------|--------------------|------|-------|--------|------|---------------|-----|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] [oz²] | Type | [kg] | [lb] | [mm] | [in] | | |
| NE6152E | 5,02 | 0,31 | 294LG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 26,5 | C/V | 350 | 12 | AB 46 | 10,5 | 23,1 | 187,0 | 7,4 | F |
| NE6181E | 7,28 | 0,44 | 262LD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSIR | 18,2 | C/V | 350 | 12 | AB 46 | 10,0 | 22,0 | 200,0 | 7,9 | F |
| NE6181E | 7,28 | 0,44 | 262LG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 38,0 | C/V | 350 | 12 | AB 46 | 10,0 | 22,0 | 200,0 | 7,9 | F |
| NE5195E | 8,00 | 0,49 | 261QG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | RSIR | 35,0 | C | 350 | 12 | AB 46 | 10,4 | 22,9 | 187,0 | 7,4 | F |
| NE6195E | 8,00 | 0,49 | 261LG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 29,0 | C/V | 350 | 12 | AB 46 | 10,4 | 22,9 | 187,0 | 7,4 | F |
| NE6210E | 8,78 | 0,54 | 261NG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 29,0 | C/V | 350 | 12 | AB 46 | 10,4 | 22,9 | 187,0 | 7,4 | F |
| NE5210E | 8,78 | 0,54 | 261MG | 115 V 60 Hz / 100 V 50 Hz | RSIR | 37,0 | C | 350 | 12 | AB 46 | 10,4 | 22,9 | 187,0 | 7,4 | F |
| NE6211E | 10,00 | 0,61 | 263GG | 115 V 60 Hz / 110 V 50 Hz | CSIR | 38,5 | C/V | 350 | 12 | AB 46 | 11,0 | 24,2 | 206,0 | 8,1 | F |
| NE6211E | 10,00 | 0,61 | 262HD | 208-230 V 60 Hz / 200 V 50 Hz | CSIR | 25,8 | C/V | 350 | 12 | AB 46 | 10,4 | 22,9 | 200,0 | 7,9 | F |
| T6217E~ | 14,50 | 0,88 | 116RG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 55,0 | C/V | 580 | 20 | AB 46 | 16,1 | 35,5 | 221,0 | 8,7 | F |
| T6217E | 14,50 | 0,89 | 116TD | 208-230 V 60 Hz / 200 V 50 Hz | CSIR | 30,0 | C/V | 580 | 20 | AB 46 | 16,4 | 36,0 | 221,0 | 8,7 | F |
| T6220E | 17,40 | 1,06 | 116SD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSR | 30,0 | C/V | 580 | 20 | AB 46 | 15,5 | 34,2 | 221,0 | 8,7 | F |
| T6220E | 17,40 | 1,06 | 116JG | 115 V 60 Hz / 100 V 50 Hz | CSR | 72,0 | C/V | 580 | 20 | AB 46 | 15,8 | 34,8 | 221,0 | 8,7 | F |
| T6222E | 20,40 | 1,25 | 116KD | 208-230 V 60 Hz / 200 V 50 Hz | CSR | 34,0 | C/V | 580 | 20 | AB 46 | 16,7 | 36,8 | 221,0 | 8,7 | F |
| T6222E | 20,40 | 1,25 | 106KG | 115 V 60 Hz / 100 V 50 Hz | CSR | 71,0 | C/V | 580 | 20 | AB 46 | 16,7 | 36,8 | 221,0 | 8,7 | F |

Note: Please check Test Conditions on page 1.

REFRIGERANT APPLICATION FREQUENCY
R 22 M/HBP 60 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|---------|--------------|-------|--------|---|------------|------|-------------|--------------------|------|-------|--------|------|---------------|------|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] [oz²] | Type | [kg] | [lb] | [mm] | [in] | | |
| NE9213E | 12,12 | 0,74 | 263ED | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSR | 25,9 | C/V | 350 | 12 | AB 46 | 11,7 | 25,8 | 206,0 | 8,1 | F |
| NE9213E | 12,12 | 0,74 | 263EG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSR | 36,0 | C/V | 350 | 12 | AB 46 | 11,7 | 25,8 | 206,0 | 8,1 | F |
| J9226P | 21,70 | 1,32 | 168MM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 10,0 | C/V | 890 | 31 | AB 46 | 22,1 | 48,7 | 265,0 | 10,4 | F |
| NJ9226P | 21,70 | 1,32 | 148MM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 10,0 | C/V | 890 | 31 | AB 46 | 22,1 | 48,7 | 265,0 | 10,4 | F |
| J9232P | 26,20 | 1,60 | 167HM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 13,0 | C/V | 890 | 31 | AB 46 | 21,2 | 46,7 | 277,0 | 10,9 | F |
| NJ9232P | 26,20 | 1,60 | 147HM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 13,0 | C/V | 890 | 31 | AB 46 | 21,2 | 46,7 | 277,0 | 10,9 | F |
| J9238P | 32,70 | 2,00 | 167LM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 22,0 | C/V | 890 | 31 | AB 46 | 21,7 | 47,8 | 277,0 | 10,9 | F |
| NJ9238P | 32,70 | 2,00 | 147LM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 22,0 | C/V | 890 | 31 | AB 46 | 21,7 | 47,8 | 277,0 | 10,9 | F |

Note: Please check Test Conditions on page 1.

REFRIGERANT APPLICATION FREQUENCY
R 22 AC 60 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|---------|--------------|-------|--------|---------------------------|------------|------|-------------|--------------------|------|-------|--------|------|---------------|-----|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] [oz²] | Type | [kg] | [lb] | [mm] | [in] | | |
| NE7195E | 8,00 | 0,49 | 262VG | 115 V 60 Hz / 100 V 50 Hz | PSC | 28,0 | C | 350 | 12 | MO 32 | 10,4 | 22,9 | 200,0 | 7,9 | F |
| NE7210E | 8,78 | 0,54 | 262TG | 115 V 60 Hz / 100 V 50 Hz | PSC | 28,0 | C | 350 | 12 | MO 32 | 10,4 | 22,9 | 200,0 | 7,9 | F |
| NE7213E | 12,12 | 0,73 | 264CG | 115 V 60 Hz / 100 V 50 Hz | PSC | 30,0 | C | 350 | 12 | MO 32 | 11,6 | 25,6 | 200,0 | 7,9 | F |

Note: Please check Test Conditions on page 1.

| FREQUENCY | APPLICATION | REFRIGERANT |
|-----------|-------------|-------------|
| 60 Hz | HBP | R 22 |

| Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] Subcooled conditions [W] | | | | | | | | | | | | | Drawings | | MODEL |
|--------------------------------|---|------|------|------|------|--------------------|----------|-----------------|----------------|------|-----------------------|------------------------|--------------|-----------|---------|-------|
| | -15 | -10 | -5 | 0 | +5 | Rated Point +7.2°C | | | | +10 | External View ref. | Wiring Diagram ref. | | | | |
| | | | | | | Cooling [W] | [kcal/h] | W. input [W] | Current [A] | | | | EER [W/W] | [kcal/hW] | | |
| 54.4 | | | 476 | 583 | 705 | 764 | 657 | 413 | 4.9 | 1.85 | 1.59 | 843 | DWG04 | SM04 | NB6152E | |
| 45 | 356 | 442 | 545 | 665 | 801 | | | | | | | 954 | | | | |
| 54.4 | | | 692 | 864 | 1061 | 1156 | 994 | 511 | 3.0 | 2.26 | 1.94 | 1283 | DWG04 | SM04 | NE6181E | |
| 45 | 501 | 641 | 810 | 1006 | 1230 | | | | | | | 1482 | | | | |
| 54.4 | | | 692 | 864 | 1061 | 1156 | 994 | 511 | 6.0 | 2.26 | 1.94 | 1283 | DWG04 | SM04 | NE6181E | |
| 45 | 501 | 641 | 810 | 1006 | 1230 | | | | | | | 1482 | | | | |
| 54.4 | | | 710 | 903 | 1122 | 1227 | 1055 | 582 | 6.6 | 2.11 | 1.81 | 1366 | DWG04 | SM02 | NE5195E | |
| 45 | 532 | 676 | 854 | 1066 | 1311 | | | | | | | 1590 | | | | |
| 54.4 | | | 764 | 956 | 1175 | 1280 | 1101 | 575 | 6.5 | 2.23 | 1.92 | 1421 | DWG04 | SM04 | NE6195E | |
| 45 | 568 | 711 | 889 | 1100 | 1345 | | | | | | | 1624 | | | | |
| 54.4 | | | 654 | 823 | 1021 | 1356 | 1166 | 675 | 7.2 | 2.01 | 1.73 | 1503 | DWG04 | SM04 | NE6210E | |
| 45 | 615 | 775 | 968 | 1191 | 1445 | | | | | | | 1731 | | | | |
| 54.4 | | | 782 | 988 | 1227 | 1342 | 1154 | 652 | 7.2 | 2.06 | 1.77 | 1499 | DWG04 | SM02 | NE5210E | |
| 45 | 591 | 752 | 951 | 1187 | 1459 | | | | | | | 1769 | | | | |
| 54.4 | | | 967 | 1193 | 1446 | 1568 | 1349 | 779 | 8.7 | 2.01 | 1.73 | 1731 | DWG04 | SM04 | NE6211E | |
| 45 | 723 | 904 | 1120 | 1372 | 1658 | | | | | | | 1980 | | | | |
| 54.4 | | | 953 | 1182 | 1436 | 1593 | 1370 | 736 | 4.5 | 2.16 | 1.86 | 1741 | DWG04 | SM04 | NE6211E | |
| 45 | 664 | 841 | 1048 | 1288 | 1560 | | | | | | | 1865 | | | | |
| 54.4 | | | 1255 | 1624 | 2022 | 2206 | 1897 | 1062 | 11.4 | 2.08 | 1.79 | 2448 | DWG12 | SM10 | T6217E- | |
| 45 | 794 | 1145 | 1528 | 1941 | 2385 | | | | | | | 2861 | | | | |
| 54.4 | | | 1226 | 1582 | 2003 | 2184 | 1878 | 1081 | 6.13 | 2.02 | 1.74 | 2443 | DWG08 | SM08 | T6217E | |
| 45 | 872 | 1082 | 1381 | 1768 | 2244 | | | | | | | 2808 | | | | |
| 54.4 | | | 1326 | 1835 | 2391 | 2651 | 2280 | 1173 | 5.6 | 2.26 | 1.94 | 2995 | DWG12 | SM12 | T6220E | |
| 45 | 1036 | 1408 | 1805 | 2226 | 2671 | | | | | | | 3141 | | | | |
| 54.4 | | | 1326 | 1835 | 2391 | 2651 | 2280 | 1173 | 5.6 | 2.26 | 1.94 | 2995 | DWG12 | SM12 | T6220E | |
| 45 | 1036 | 1408 | 1805 | 2226 | 2671 | | | | | | | 3141 | | | | |
| 54.4 | | | 1855 | 2280 | 2495 | 3052 | 2625 | 1426 | 6.8 | 2.14 | 1.84 | 3402 | DWG12 | SM12 | T6222E | |
| 45 | 1313 | 1638 | 2026 | 2477 | 2990 | | | | | | | 3564 | | | | |
| 54.4 | | | 1855 | 2280 | 2795 | 3008 | 2587 | 1470 | 13.7 | 2.05 | 1.76 | 3402 | DWG12 | SM12 | T6222E | |
| 45 | 1313 | 1638 | 2026 | 2477 | 2990 | | | | | | | 3564 | | | | |

| FREQUENCY | APPLICATION | REFRIGERANT |
|-----------|-------------|-------------|
| 60 Hz | M/HBP | R 22 |

| Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] Subcooled conditions [W] | | | | | | | | | | | | | Drawings | | MODEL |
|--------------------------------|---|------|------|------|------|------|--------------------|----------|-----------------|----------------|------|-----------------------|------------------------|--------------|-----------|---------|
| | -20 | -15 | -10 | -5 | 0 | +5 | Rated Point +7.2°C | | | | +10 | External View ref. | Wiring Diagram ref. | | | |
| | | | | | | | Cooling [W] | [kcal/h] | W. input [W] | Current [A] | | | | EER [W/W] | [kcal/hW] | |
| 54.4 | | | 950 | 1196 | 1477 | 1791 | 1940 | 1668 | 861 | 4.2 | 2.25 | 1.94 | 2139 | DWG04 | SM06 | NE9213E |
| 45 | 675 | 869 | 1103 | 1376 | 1688 | 2039 | | | | | | 2430 | | | | |
| 54.4 | | | 937 | 1177 | 1457 | 1777 | 1930 | 1660 | 880 | 7.8 | 2.19 | 1.88 | 2136 | DWG04 | SM06 | NE9213E |
| 45 | 681 | 861 | 1087 | 1358 | 1675 | 2038 | | | | | | 2446 | | | | |
| 54.4 | | | 1679 | 2119 | 2640 | 3241 | 3531 | 3037 | 1328 | 2.1 | 2.66 | 2.29 | 3923 | DWG13 | SM18 | J9226P |
| 45 | 1133 | 1491 | 1927 | 2441 | 3032 | 3700 | | | | | | 4446 | | | | |
| 54.4 | | | 1679 | 2119 | 2640 | 3241 | 3531 | 3037 | 1328 | 2.1 | 2.66 | 2.29 | 3923 | DWG14 | SM18 | NJ9226P |
| 45 | 1133 | 1491 | 1927 | 2441 | 3032 | 3700 | | | | | | 4446 | | | | |
| 54.4 | | | 1993 | 2526 | 3153 | 3877 | 4225 | 3634 | 1605 | 2.9 | 2.63 | 2.26 | 4695 | DWG13 | SM18 | J9232P |
| 45 | 1355 | 1781 | 2310 | 2941 | 3676 | 4513 | | | | | | 5453 | | | | |
| 54.4 | | | 1993 | 2526 | 3153 | 3877 | 4225 | 3634 | 1605 | 2.9 | 2.63 | 2.26 | 4695 | DWG14 | SM18 | NJ9232P |
| 45 | 1355 | 1781 | 2310 | 2941 | 3676 | 4513 | | | | | | 5453 | | | | |
| 54.4 | | | 2638 | 3278 | 4010 | 4834 | 5225 | 4494 | 2171 | 8.3 | 2.41 | 2.07 | 5749 | DWG13 | SM18 | J9238P |
| 45 | 1805 | 2302 | 2914 | 3640 | 4482 | 5438 | | | | | | 6508 | | | | |
| 54.4 | | | 2638 | 3278 | 4010 | 4834 | 5225 | 4494 | 2171 | 8.3 | 2.41 | 2.07 | 5749 | DWG14 | SM18 | NJ9238P |
| 45 | 1805 | 2302 | 2914 | 3640 | 4482 | 5438 | | | | | | 6508 | | | | |

| FREQUENCY | APPLICATION | REFRIGERANT |
|-----------|-------------|-------------|
| 60 Hz | AC | R 22 |

| Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] Subcooled conditions [W] | | | | | | | | | | | Drawings | | MODEL |
|--------------------------------|---|------|--------------------|----------|-----------------|----------------|------|------|-----------------------|------------------------|--------------|-----------|---------|-------|
| | 0 | +5 | Rated Point +7.2°C | | | | +10 | +15 | External View ref. | Wiring Diagram ref. | | | | |
| | | | Cooling [W] | [kcal/h] | W. input [W] | Current [A] | | | | | EER [W/W] | [kcal/hW] | | |
| 54.4 | 1009 | 1229 | 1334 | 1147 | 533 | 4.6 | 2.50 | 2.15 | 1474 | 1744 | DWG07 | SM07 | NE7195E | |
| 45 | 1081 | 1315 | | | | | | | 1571 | 1848 | | | | |
| 54.4 | 1112 | 1344 | 1465 | 1258 | 598 | 5.4 | 2.45 | 2.11 | 1560 | 1765 | DWG07 | SM07 | NE7210E | |
| 45 | 1168 | 1422 | | | | | | | 1713 | 2042 | | | | |
| 54.4 | 1346 | 1683 | 1861 | 1600 | 810 | 7.0 | 2.30 | 1.98 | 2115 | 2644 | DWG07 | SM07 | NE7213E | |
| 45 | 1658 | 2013 | | | | | | | 2473 | 3039 | | | | |

REFRIGERANT APPLICATION FREQUENCY
R 22 AC 60 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA [A] | Exp-Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|---------|--------------|-------|--------|---|------------|------------|------------|-----------------------|------|-------|--------|------|------------------|------|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] [oz²] | Type | [kg] | [lb] | [mm] | [in] | | |
| T7223G | 20,40 | 1,24 | 118DD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | PSC | 35,0 | C | 580 | 20 | MO 32 | 14,9 | 32,8 | 221,0 | 8,7 | F |
| T7223G | 20,40 | 1,24 | 118DG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | PSC | 50,0 | C | 580 | 20 | MO 32 | 15,3 | 33,7 | 221,0 | 8,7 | F |
| J7225F | 21,70 | 1,32 | 162GD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | PSC | 35,0 | C | 890 | 31 | MO 32 | 19,3 | 42,5 | 253,0 | 10,0 | F |
| NJ7225F | 21,70 | 1,32 | 142GD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | PSC | 35,0 | C | 890 | 31 | MO 32 | 19,3 | 42,5 | 253,0 | 10,0 | F |
| J7225E | 21,70 | 1,32 | 162AJ | 230 V 60 Hz / 200 V 50 Hz | PSC | 35,0 | C/V | 890 | 31 | AB 46 | 19,3 | 42,5 | 253,0 | 10,0 | F |
| NJ7225E | 21,70 | 1,32 | 142AJ | 230 V 60 Hz / 200 V 50 Hz | PSC | 35,0 | C/V | 890 | 31 | AB 46 | 19,3 | 42,5 | 253,0 | 10,0 | F |
| J7228E | 23,50 | 1,45 | 162DJ | 230 V 60 Hz 1~ / 200 V 50 Hz 1~ | PSC | 40,0 | C | 890 | 31 | MO 32 | 19,2 | 42,3 | 253,0 | 10,0 | F |
| NJ7228E | 23,50 | 1,45 | 142DJ | 230 V 60 Hz 1~ / 200 V 50 Hz 1~ | PSC | 40,0 | C | 890 | 31 | MO 32 | 19,2 | 42,3 | 253,0 | 10,0 | F |
| J7228P | 23,50 | 1,45 | 166DM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 18,0 | C/V | 890 | 31 | MO 32 | 21,5 | 47,4 | 253,0 | 10,0 | F |
| NJ7228P | 23,50 | 1,45 | 146DM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 18,0 | C/V | 890 | 31 | MO 32 | 21,5 | 47,4 | 253,0 | 10,0 | F |
| J7231F | 26,20 | 1,60 | 164ED | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | PSC | 46,0 | C | 890 | 31 | MO 32 | 20,4 | 45,0 | 265,0 | 10,4 | F |
| NJ7231F | 26,20 | 1,60 | 144ED | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | PSC | 46,0 | C | 890 | 31 | MO 32 | 20,4 | 45,0 | 265,0 | 10,4 | F |
| J7231P | 26,20 | 1,60 | 168CM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 18,0 | C/V | 890 | 31 | MO 32 | 20,1 | 44,3 | 265,0 | 10,4 | F |
| NJ7231P | 26,20 | 1,60 | 148CM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 18,0 | C/V | 890 | 31 | MO 32 | 20,1 | 44,3 | 265,0 | 10,4 | F |
| J7231E | 26,20 | 1,60 | 164CJ | 230 V 60 Hz / 200 V 50 Hz | PSC | 41,0 | C/V | 890 | 31 | AB 46 | 20,4 | 45,0 | 265,0 | 10,4 | F |
| NJ7231E | 26,20 | 1,60 | 144CJ | 230 V 60 Hz / 200 V 50 Hz | PSC | 41,0 | C/V | 890 | 31 | AB 46 | 20,4 | 45,0 | 265,0 | 10,4 | F |
| J7238E | 32,70 | 2,00 | 163AJ | 230 V 60 Hz 1~ / 200 V 50 Hz 1~ | PSC | 58,0 | C | 890 | 31 | MO 32 | 22,1 | 48,7 | 277,0 | 10,9 | F |
| NJ7238E | 32,70 | 2,00 | 143AJ | 230 V 60 Hz 1~ / 200 V 50 Hz 1~ | PSC | 58,0 | C | 890 | 31 | MO 32 | 22,1 | 48,7 | 277,0 | 10,9 | F |
| J7238P | 32,70 | 2,00 | 167AM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 22,0 | C/V | 890 | 31 | MO 32 | 20,9 | 46,1 | 277,0 | 10,9 | F |
| NJ7238P | 32,70 | 2,00 | 147AM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 22,0 | C/V | 890 | 31 | MO 32 | 20,9 | 46,1 | 277,0 | 10,9 | F |
| J7240F | 34,37 | 2,10 | 163FD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | PSC | 75,0 | C | 890 | 31 | MO 32 | 22,0 | 48,5 | 277,0 | 10,9 | F |
| NJ7240F | 34,37 | 2,10 | 143FD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | PSC | 75,0 | C | 890 | 31 | MO 32 | 22,0 | 48,5 | 277,0 | 10,9 | F |
| J7240P | 34,37 | 2,10 | 167CM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 22,0 | C/V | 890 | 31 | MO 32 | 21,4 | 47,2 | 277,0 | 10,9 | F |
| NJ7240P | 34,37 | 2,10 | 147CM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 22,0 | C/V | 890 | 31 | MO 32 | 21,4 | 47,2 | 277,0 | 10,9 | F |
| J7240E | 34,37 | 2,10 | 163CJ | 230 V 60 Hz / 200 V 50 Hz | PSC | 58,0 | C/V | 890 | 31 | AB 46 | 22,0 | 48,5 | 277,0 | 10,9 | F |
| NJ7240E | 34,37 | 2,10 | 143CJ | 230 V 60 Hz / 200 V 50 Hz | PSC | 58,0 | C/V | 890 | 31 | AB 46 | 22,0 | 48,5 | 277,0 | 10,9 | F |

Note: Please check Test Conditions on page 1.

REFRIGERANT APPLICATION FREQUENCY
R 404A / R 507 LBP 60 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA [A] | Exp-Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|-----------|--------------|-------|--------|-------------------------------------|------------|------------|------------|-----------------------|------|--------|--------|------|------------------|-----|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] [oz²] | Type | [kg] | [lb] | [mm] | [in] | | |
| NB2117GK | 4,52 | 0,28 | 994DG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 25,0 | C/V | 350 | 12 | POE 22 | 10,5 | 23,1 | 187,0 | 7,4 | F |
| NB2121GK | 6,05 | 0,37 | 995BG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 34,6 | C/V | 350 | 12 | POE 22 | 11,1 | 24,5 | 200,0 | 7,9 | F |
| NE2125GK | 8,78 | 0,54 | 951ID | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSIR | 29,0 | C/V | 350 | 12 | POE 22 | 10,4 | 22,9 | 187,0 | 7,4 | F |
| NE2125GK | 8,78 | 0,54 | 951IG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 29,0 | C/V | 350 | 12 | POE 22 | 10,4 | 22,9 | 187,0 | 7,4 | F |
| NE2134GK | 12,12 | 0,74 | 953AD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSIR | 20,7 | C/V | 350 | 12 | POE 22 | 11,7 | 25,8 | 206,0 | 8,1 | F |
| NE2134GK | 12,12 | 0,74 | 952AG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 33,0 | C/V | 350 | 12 | POE 22 | 11,7 | 25,8 | 200,0 | 7,9 | F |
| NEK2121GK | 5,45 | 0,33 | 957DG | 115 V 60 Hz 1~ | CSIR | 26,5 | C-V | 350 | 12 | POE22 | 10,4 | 22,9 | 187,0 | 7,4 | F |
| NEK2125GK | 6,20 | 0,38 | 957EG | 115 V 60 Hz 1~ | CSIR | 26,5 | C-V | 350 | 12 | POE22 | 10,4 | 22,9 | 187,0 | 7,4 | F |
| NEK2134GK | 8,78 | 0,54 | 958AG | 115 V 60 Hz 1~ | CSIR | 37,5 | C-V | 350 | 12 | POE22 | 11,0 | 24,3 | 200,0 | 7,9 | F |

Note: Please check Test Conditions on page 1.

REFRIGERANT APPLICATION FREQUENCY
R 404A / R 507 LBP 60 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|----------|--------------|-------|--------|---|------------|------|-------------|--------------|-------|--------|--------|------|---------------|------|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] | [oz²] | Type | [kg] | [lb] | [mm] | [in] | |
| T2140GK | 12,58 | 0,77 | 933BG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 36,0 | C/V | 550 | 19 | POE 22 | 13,8 | 30,4 | 201,0 | 7,9 | F |
| T2155GK | 14,50 | 0,88 | 936AD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSR | 20,0 | C/V | 580 | 20 | POE 22 | 14,6 | 32,2 | 221,0 | 8,7 | F |
| T2155GK- | 14,50 | 0,88 | 936BD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSIR | 29,5 | C/V | 580 | 20 | POE 22 | 16,6 | 36,6 | 221,0 | 8,7 | F |
| T2155GK- | 14,50 | 0,88 | 936BG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 48,8 | C/V | 580 | 20 | POE 22 | 16,3 | 35,9 | 221,0 | 8,7 | F |
| T2168GK | 17,40 | 1,06 | 936CD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSR | 32,5 | C/V | 580 | 20 | POE 22 | 16,6 | 36,6 | 221,0 | 8,7 | F |
| T2168GK- | 17,40 | 1,06 | 936DG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 55,0 | C/V | 580 | 20 | POE 22 | 17,2 | 37,9 | 221,0 | 8,7 | F |
| T2178GK | 20,40 | 1,24 | 936ED | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSR | 33,0 | C/V | 580 | 20 | POE 22 | 17,2 | 37,9 | 221,0 | 8,7 | F |
| T2178GK | 20,40 | 1,24 | 936EG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSR | 65,0 | C/V | 580 | 20 | POE 22 | 16,8 | 37,0 | 221,0 | 8,7 | F |
| T2180GK | 22,40 | 1,37 | 936HD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSR | 33,0 | C/V | 580 | 20 | POE 22 | 17,0 | 37,5 | 221,0 | 8,7 | F |
| T2180GK | 22,40 | 1,37 | 936HG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSR | 68,0 | C/V | 580 | 20 | POE 22 | 17,0 | 37,5 | 221,0 | 8,7 | F |
| J2192GK | 26,20 | 1,60 | 963AD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSR | 40,0 | C/V | 890 | 31 | POE 22 | 21,7 | 47,8 | 277,0 | 10,9 | F |
| NJ2192GK | 26,20 | 1,60 | 943AD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSR | 40,0 | C/V | 890 | 31 | POE 22 | 21,7 | 47,8 | 277,0 | 10,9 | F |
| J2192GK | 26,20 | 1,60 | 963AG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSR | 86,5 | C/V | 890 | 31 | POE 22 | 21,7 | 47,8 | 277,0 | 10,9 | F |
| NJ2192GK | 26,20 | 1,60 | 943AG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSR | 86,5 | C/V | 890 | 31 | POE 22 | 21,7 | 47,8 | 277,0 | 10,9 | F |
| J2192GS | 26,20 | 1,60 | 968AM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 13,0 | C/V | 890 | 31 | POE 22 | 22,8 | 50,3 | 265,0 | 10,4 | F |
| NJ2192GS | 26,20 | 1,60 | 948AM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 13,0 | C/V | 890 | 31 | POE 22 | 22,8 | 50,3 | 265,0 | 10,4 | F |
| J2212GK | 34,37 | 2,10 | 963BD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSR | 40,0 | C/V | 890 | 31 | POE 22 | 21,8 | 48,1 | 277,0 | 10,9 | F |
| NJ2212GK | 34,37 | 2,10 | 943BD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSR | 40,0 | C/V | 890 | 31 | POE 22 | 21,8 | 48,1 | 277,0 | 10,9 | F |
| J2212GK | 34,37 | 2,10 | 963BG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSR | 86,5 | C/V | 890 | 31 | POE 22 | 21,8 | 48,1 | 277,0 | 10,9 | F |
| NJ2212GK | 34,37 | 2,10 | 943BG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSR | 86,5 | C/V | 890 | 31 | POE 22 | 21,8 | 48,1 | 277,0 | 10,9 | F |
| J2212GS | 34,37 | 2,10 | 967AM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 13,0 | C/V | 890 | 31 | POE 22 | 20,4 | 45,0 | 277,0 | 10,9 | F |
| NJ2212GS | 34,37 | 2,10 | 947AM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 13,0 | C/V | 890 | 31 | POE 22 | 20,4 | 45,0 | 277,0 | 10,9 | F |

Note: Please check Test Conditions on page 1.

REFRIGERANT APPLICATION FREQUENCY
R 404A / R 507 MBP 60 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|-----------|--------------|-------|--------|-------------------------------------|------------|------|-------------|--------------|-------|--------|--------|------|---------------|------|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] | [oz²] | Type | [kg] | [lb] | [mm] | [in] | |
| NB6144GK | 4,52 | 0,28 | 994IG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 27,7 | C/V | 350 | 12 | POE 22 | 10,3 | 22,7 | 187,0 | 7,4 | F |
| NB6152GK | 5,02 | 0,31 | 994LG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 27,7 | C/V | 350 | 12 | POE 22 | 10,3 | 22,7 | 187,0 | 7,4 | F |
| NB6165GK | 6,05 | 0,37 | 994NG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 29,8 | C/V | 350 | 12 | POE 22 | 10,4 | 22,9 | 187,0 | 7,4 | F |
| NE6181GK | 7,28 | 0,44 | 952LG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 34,6 | C/V | 350 | 12 | POE 22 | 11,0 | 24,3 | 200,0 | 7,9 | F |
| NE6210GK | 8,78 | 0,54 | 951ND | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSIR | 16,8 | C/V | 350 | 12 | POE 22 | 10,5 | 23,1 | 187,0 | 7,4 | F |
| NE6210GK | 8,78 | 0,54 | 951NG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 29,0 | C/V | 350 | 12 | POE 22 | 10,5 | 23,1 | 187,0 | 7,4 | F |
| NE9213GK | 12,12 | 0,74 | 953ED | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSR | 24,8 | C/V | 350 | 12 | POE 22 | 11,6 | 25,6 | 206,0 | 8,1 | F |
| NE9213GK | 12,12 | 0,74 | 953EG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSR | 33,6 | C/V | 350 | 12 | POE 22 | 11,6 | 25,6 | 206,0 | 8,1 | F |
| NEK6165GK | 6,20 | 0,38 | 957IG | 115 V 60 Hz 1~ | CSIR | 26,5 | C-V | 350 | 12 | POE22 | 10,4 | 22,9 | 187 | 7,4 | F |
| NEK6181GK | 7,28 | 0,44 | 957MG | 115 V 60 Hz 1~ | CSIR | 26,5 | C-V | 350 | 12 | POE22 | 10,4 | 22,9 | 187 | 7,4 | F |
| NEK6210GK | 8,78 | 0,54 | 958CG | 115 V 60 Hz 1~ | CSIR | 38,0 | C-V | 350 | 12 | POE22 | 11 | 24,3 | 200 | 7,9 | F |

Note: Please check Test Conditions on page 1.

FREQUENCY APPLICATION REFRIGERANT
60 Hz LBP R 404A / R 507

| Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] Subcooled conditions [W] | | | | | | | | | | | Drawings | | MODEL | | |
|--------------------------------|---|-----|--------------|--------------|---------------------|----------|-----------------|----------------|------------------------|------|--------------|--------------|--------------|-------|-----------------------|------------------------|
| | -40 | -35 | -30 | -25 | Rated Point -23.3°C | | | | | | -20 | -15 | -10 | | External View ref. | Wiring Diagram ref. |
| | | | | | Cooling [W] | [kcal/h] | W. input [W] | Current [A] | EER [W/W] [kcal/hW] | | | | | | | |
| 54.4 45 | 147 | 253 | 326 388 | 480 552 | 539 | 464 | 499 | 7,5 | 1,08 | 0,93 | 662 745 | 871 966 | 1106 1217 | DWG08 | SM08 | T2140GK |
| 54.4 45 | 257 | 350 | 411 491 | 607 683 | 681 | 586 | 537 | 2,6 | 1,27 | 1,09 | 836 923 | 1100 1213 | 1397 1552 | DWG12 | SM13 | T2155GK |
| 54.4 45 | 257 | 350 | 411 491 | 607 683 | 681 | 586 | 557 | 3,5 | 1,22 | 1,05 | 836 923 | 1100 1213 | 1397 1552 | DWG08 | SM08 | T2155GK- |
| 54.4 45 | 257 | 350 | 411 491 | 607 683 | 681 | 586 | 621 | 7,8 | 1,10 | 0,95 | 836 923 | 1100 1213 | 1397 1552 | DWG08 | SM08 | T2155GK- |
| 54.4 45 | 343 | 474 | 569 653 | 794 881 | 879 | 756 | 649 | 3,2 | 1,35 | 1,16 | 1060 1156 | 1367 1479 | 1717 1850 | DWG10 | SM13 | T2168GK |
| 54.4 45 | 343 | 474 | 569 653 | 794 881 | 879 | 756 | 763 | 9,1 | 1,15 | 0,99 | 1060 1156 | 1367 1479 | 1717 1850 | DWG11 | SM10 | T2168GK- |
| 54.4 45 | 411 | 580 | 716 793 | 970 1050 | 1065 | 916 | 891 | 2,8 | 1,20 | 1,03 | 1264 1351 | 1598 1696 | 1973 2085 | DWG11 | SM13 | T2178GK |
| 54.4 45 | 411 | 580 | 716 793 | 970 1050 | 1065 | 916 | 815 | 7,7 | 1,31 | 1,13 | 1264 1351 | 1598 1696 | 1973 2085 | DWG11 | SM13 | T2178GK |
| 54.4 45 | 456 | 632 | 776 858 | 1034 1133 | 1132 | 974 | 986 | 4,7 | 1,15 | 0,99 | 1339 1458 | 1692 1831 | 2093 2254 | DWG11 | SM13 | T2180GK |
| 54.4 45 | 456 | 632 | 776 858 | 1034 1133 | 1132 | 974 | 1020 | 9,7 | 1,11 | 0,95 | 1339 1458 | 1692 1831 | 2093 2254 | DWG11 | SM13 | T2180GK |
| 54.4 45 | 430 | 685 | 880 989 | 1194 1342 | 1316 | 1132 | 1011 | 4,9 | 1,30 | 1,12 | 1574 1745 | 2019 2196 | 2529 2697 | DWG13 | SM16 | J2192GK |
| 54.4 45 | 430 | 685 | 880 989 | 1194 1342 | 1316 | 1132 | 1011 | 4,9 | 1,30 | 1,12 | 1574 1745 | 2019 2196 | 2529 2697 | DWG14 | SM16 | NJ2192GK |
| 54.4 45 | 430 | 685 | 880 989 | 1194 1342 | 1316 | 1132 | 1011 | 9,8 | 1,30 | 1,12 | 1574 1745 | 2019 2196 | 2529 2697 | DWG13 | SM16 | J2192GK |
| 54.4 45 | 430 | 685 | 880 989 | 1194 1342 | 1316 | 1132 | 1011 | 9,8 | 1,30 | 1,12 | 1574 1745 | 2019 2196 | 2529 2697 | DWG14 | SM16 | NJ2192GK |
| 54.4 45 | 430 | 685 | 880 989 | 1194 1342 | 1316 | 1132 | 1068 | 1,9 | 1,23 | 1,06 | 1574 1745 | 2019 2196 | 2529 2697 | DWG13 | SM18 | J2192GS |
| 54.4 45 | 430 | 685 | 880 989 | 1194 1342 | 1316 | 1132 | 1068 | 1,9 | 1,23 | 1,06 | 1574 1745 | 2019 2196 | 2529 2697 | DWG14 | SM18 | NJ2192GS |
| 54.4 45 | 573 | 880 | 1105 1269 | 1559 1738 | 1728 | 1486 | 1154 | 5,4 | 1,50 | 1,29 | 2077 2289 | 2659 2921 | 3305 3634 | DWG13 | SM16 | J2212GK |
| 54.4 45 | 573 | 880 | 1105 1269 | 1559 1738 | 1728 | 1486 | 1154 | 5,4 | 1,50 | 1,29 | 2077 2289 | 2659 2921 | 3305 3634 | DWG14 | SM16 | NJ2212GK |
| 54.4 45 | 573 | 880 | 1105 1269 | 1559 1738 | 1728 | 1486 | 1154 | 10,8 | 1,50 | 1,29 | 2077 2289 | 2659 2921 | 3305 3634 | DWG13 | SM16 | J2212GK |
| 54.4 45 | 573 | 880 | 1105 1269 | 1559 1738 | 1728 | 1486 | 1154 | 10,8 | 1,50 | 1,29 | 2077 2289 | 2659 2921 | 3305 3634 | DWG14 | SM16 | NJ2212GK |
| 54.4 45 | 573 | 880 | 1105 1269 | 1559 1738 | 1728 | 1486 | 1332 | 2,0 | 1,30 | 1,12 | 2077 2289 | 2659 2921 | 3305 3634 | DWG13 | SM18 | J2212GS |
| 54.4 45 | 573 | 880 | 1105 1269 | 1559 1738 | 1728 | 1486 | 1332 | 2,0 | 1,30 | 1,12 | 2077 2289 | 2659 2921 | 3305 3634 | DWG14 | SM18 | NJ2212GS |

FREQUENCY APPLICATION REFRIGERANT
60 Hz MBP R 404A / R 507

| Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] Subcooled conditions [W] | | | | | | | | | | | Drawings | | MODEL | | |
|--------------------------------|---|-----|--------------|--------------|--------------|--------------|--------------------|----------|-----------------|----------------|------------------------|----------|--------------|-------|-----------------------|------------------------|
| | -20 | -15 | -10 | -5 | 0 | +5 | Rated Point +7.2°C | | | | | | +10 | | External View ref. | Wiring Diagram ref. |
| | | | | | | | Cooling [W] | [kcal/h] | W. input [W] | Current [A] | EER [W/W] [kcal/hW] | | | | | |
| 54.4 45 | 260 | 330 | 344 415 | 431 515 | 530 630 | 642 759 | 695 | 598 | 379 | 4,7 | 1,83 | 1,57 | 767 903 | DWG04 | SM04 | NB6144GK |
| 54.4 45 | 322 | 404 | 420 502 | 518 616 | 630 746 | 755 893 | 815 | 701 | 467 | 5,3 | 1,74 | 1,50 | 894 1055 | DWG04 | SM04 | NB6152GK |
| 54.4 45 | 378 | 471 | 496 585 | 611 718 | 743 872 | 890 1045 | 960 | 826 | 605 | 7,1 | 1,59 | 1,37 | 1054 1239 | DWG04 | SM04 | NB6165GK |
| 54.4 45 | 429 | 567 | 588 731 | 754 921 | 941 1138 | 1148 1380 | 1246 | 1072 | 584 | 6,6 | 2,13 | 1,83 | 1377 1649 | DWG04 | SM04 | NE6181GK |
| 54.4 45 | 551 | 702 | 713 884 | 898 1097 | 1104 1341 | 1333 1615 | 1441 | 1239 | 748 | 4,3 | 1,93 | 1,66 | 1584 1920 | DWG04 | SM04 | NE6210GK |
| 54.4 45 | 539 | 697 | 713 886 | 904 1104 | 1119 1352 | 1358 1630 | 1470 | 1264 | 736 | 8,0 | 2,00 | 1,72 | 1620 1939 | DWG04 | SM04 | NE6210GK |
| 54.4 45 | 764 | 978 | 1007 1230 | 1256 1522 | 1543 1853 | 1867 2224 | 2021 | 1738 | 1026 | 9,1 | 1,97 | 1,69 | 2228 2633 | DWG04 | SM06 | NE9213GK |
| 54.4 45 | 764 | 978 | 1007 1230 | 1256 1522 | 1543 1853 | 1867 2224 | 2021 | 1738 | 1026 | 9,1 | 1,97 | 1,69 | 2228 2633 | DWG04 | SM06 | NE9213GK |
| 54.4 45 | 481 | 586 | 614 714 | 743 866 | 894 1043 | 1066 1245 | 1150 | 989 | 584 | 6,14 | 1,97 | 1,69 | 1260 1472 | DWG04 | SM04 | NEK6165GK |
| 54.4 45 | 441 | 588 | 667 762 | 790 956 | 949 1173 | 1147 1410 | 1247 | 1072 | 619 | 6,69 | 2,01 | 1,73 | 1383 1671 | DWG04 | SM04 | NEK6181GK |
| 54.4 45 | 647 | 793 | 823 972 | 998 1185 | 1207 1431 | 1451 1713 | 1569 | 1349 | 756 | 8,18 | 2,07 | 1,78 | 1728 2023 | DWG04 | SM04 | NEK6210GK |

REFRIGERANT APPLICATION FREQUENCY
R 404A / R 507 MBP 60 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|----------|--------------|-------|--------|---|------------|------|-------------|--------------|-------|--------|--------|------|---------------|------|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] | [oz²] | Type | [kg] | [lb] | [mm] | [in] | |
| T6217GK | 14,50 | 0,89 | 931AD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSIR | 30,0 | C/V | 580 | 20 | POE 22 | 16,9 | 37,3 | 221,0 | 8,7 | F |
| T6217GK | 14,50 | 0,89 | 931AG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 57,0 | C/V | 580 | 20 | POE 22 | 16,9 | 37,3 | 221,0 | 8,7 | F |
| T6220GK | 17,40 | 1,06 | 931BD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSR | 30,0 | C/V | 580 | 20 | POE 22 | 15,8 | 34,8 | 221,0 | 8,7 | F |
| T6220GK | 17,40 | 1,06 | 931BG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSIR | 57,0 | C/V | 580 | 20 | POE 22 | 15,8 | 34,8 | 221,0 | 8,7 | F |
| T6222GK | 20,40 | 1,24 | 936VD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSR | 34,0 | C/V | 580 | 20 | POE 22 | 16,7 | 36,8 | 221,0 | 8,7 | F |
| T6222GK | 20,40 | 1,24 | 936VG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | CSR | 71,0 | C/V | 580 | 20 | POE 22 | 16,7 | 36,8 | 221,0 | 8,7 | F |
| J9226GK | 21,70 | 1,32 | 964LD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSR | 34,0 | C/V | 890 | 31 | POE 22 | 22,1 | 48,7 | 265,0 | 10,4 | F |
| NJ9226GK | 21,70 | 1,32 | 944LD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSR | 34,0 | C/V | 890 | 31 | POE 22 | 22,1 | 48,7 | 265,0 | 10,4 | F |
| J9226GS | 21,70 | 1,32 | 968LM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 10,0 | C/V | 890 | 31 | POE 22 | 19,7 | 43,4 | 265,0 | 10,4 | F |
| NJ9226GS | 21,70 | 1,32 | 948LM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 10,0 | C/V | 890 | 31 | POE 22 | 19,7 | 43,4 | 265,0 | 10,4 | F |
| J9232GK | 26,20 | 1,60 | 963ND | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSR | 40,0 | C/V | 890 | 31 | POE 22 | 21,8 | 48,1 | 277,0 | 10,9 | F |
| NJ9232GK | 26,20 | 1,60 | 943ND | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | CSR | 40,0 | C/V | 890 | 31 | POE 22 | 21,8 | 48,1 | 277,0 | 10,9 | F |
| J9232GS | 26,20 | 1,60 | 967NM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 13,0 | C/V | 890 | 31 | POE 22 | 22,1 | 48,7 | 277,0 | 10,9 | F |
| NJ9232GS | 26,20 | 1,60 | 947NM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 13,0 | C/V | 890 | 31 | POE 22 | 22,1 | 48,7 | 277,0 | 10,9 | F |
| J9238GS | 32,70 | 2,00 | 967RM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 22,0 | C/V | 890 | 31 | POE 22 | 21,7 | 47,8 | 277,0 | | F |
| NJ9238GS | 32,70 | 2,00 | 947RM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 22,0 | C/V | 890 | 31 | POE 22 | 21,7 | 47,8 | 277,0 | | F |

Note: Please check Test Conditions on page 1.

REFRIGERANT APPLICATION FREQUENCY
R 407C AC 60 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|----------|--------------|-------|--------|---|------------|------|-------------|--------------|-------|--------|--------|------|---------------|------|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] | [oz²] | Type | [kg] | [lb] | [mm] | [in] | |
| J7231GP | 26,20 | 1,60 | 968CM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 18,0 | C/V | 890 | 31 | POE 22 | 20,1 | 44,3 | 265,0 | 10,4 | F |
| NJ7231GP | 26,20 | 1,60 | 948CM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 18,0 | C/V | 890 | 31 | POE 22 | 20,1 | 44,3 | 265,0 | 10,4 | F |
| J7238GP | 32,70 | 1,99 | U.D. | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 22,0 | C/V | 890 | 31 | POE 22 | 20,9 | 46,1 | 277,0 | 10,9 | F |
| NJ7238GP | 32,70 | 1,99 | U.D. | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 22,0 | C/V | 890 | 31 | POE 22 | 20,9 | 46,1 | 277,0 | 10,9 | F |
| J7240GP | 34,37 | 2,10 | 967CM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 22,0 | C/V | 890 | 31 | POE 22 | 21,4 | 47,2 | 277,0 | 10,9 | F |
| NJ7240GP | 34,37 | 2,10 | 947CM | 380-420 V 50 Hz 3~ / 440-480 V 60 Hz 3~ | 3PHASE | 22,0 | C/V | 890 | 31 | POE 22 | 21,4 | 47,2 | 277,0 | 10,9 | F |

Note: Please check Test Conditions on page 1.

REFRIGERANT APPLICATION FREQUENCY
R 600a LBP 60 Hz

| MODEL | Displacement | | B.O.M. | Voltage / Frequency | Motor Type | LRA | Exp. Device | Lubricant | | | Weight | | Max. Height A | | Cooling Type |
|----------|--------------|-------|--------|-------------------------------------|--------------|------|-------------|--------------|-------|-------|--------|------|---------------|------|--------------|
| | [cm³] | [in³] | | | | | | Charge [cm³] | [oz²] | Type | [kg] | [lb] | [mm] | [in] | |
| NB1116Y | 12,30 | 0,75 | 887BG | 115 V 60 Hz 1~ / 100 V 50 Hz 1~ | RSIR RSCR | 19,0 | C | 350 | 12 | MO 15 | 9,5 | 20,9 | 187,0 | 7,4 | S |
| NBM1112Y | 8,40 | 0,51 | 887DD | 208-230 V 60 Hz 1~ / 200 V 50 Hz 1~ | RSIR RSCR | 8,4 | C | 350 | 12 | MO 15 | 10,1 | 22,3 | 187,0 | 7,4 | S |
| NBM1116Y | 12,30 | 0,75 | 888AU | 220 V 60 Hz 1~ | RSIR RSCR | 7,1 | C | 350 | 12 | MO 15 | 10,7 | 23,6 | 200,0 | 7,9 | S |

Note: Please check Test Conditions on page 1.

FREQUENCY APPLICATION REFRIGERANT
60 Hz MBP R 404A / R 507

| Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] Subcooled conditions [W] | | | | | | | | | | | | | | Drawings | | MODEL | | |
|--------------------------------|---|------|------|------|------|------|--------------|-------------|-------|-----------|------|------|------|-------|-----------------------|------------------------|-------|--|--|
| | Rated Point +7.2°C | | | | | | | EER | | | | | | | External View ref. | Wiring Diagram ref. | | | |
| | -20 | -15 | -10 | -5 | 0 | +5 | W. input [W] | Current [A] | [W/W] | [kcal/hW] | +10 | +15 | +20 | +25 | | | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 795 | 1079 | 1122 | 1428 | 1769 | 2144 | 2321 | 1996 | 1268 | 6.9 | 1.83 | 1.57 | 2555 | DWG08 | SM08 | T6217GK | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 795 | 1079 | 1122 | 1428 | 1769 | 2144 | 2321 | 1996 | 1250 | 13.0 | 1.86 | 1.60 | 3035 | DWG12 | SM10 | T6217GK | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 1017 | 1307 | 1358 | 1721 | 2132 | 2591 | 2808 | 2415 | 1324 | 6.5 | 2.12 | 1.82 | 3097 | DWG12 | SM12 | T6220GK | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 1017 | 1307 | 1650 | 2046 | 2495 | 2997 | 2808 | 2415 | 1557 | 15.2 | 1.80 | 1.55 | 3551 | DWG12 | SM10 | T6220GK | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 1225 | 1621 | 1682 | 2093 | 2551 | 3058 | 3296 | 2835 | 1668 | 8.1 | 1.98 | 1.70 | 3612 | DWG12 | SM12 | T6222GK | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 1225 | 1621 | 2065 | 2559 | 3102 | 3693 | 3296 | 2835 | 1668 | 15.9 | 1.98 | 1.70 | 4334 | DWG12 | SM12 | T6222GK | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 1363 | 1764 | 1853 | 2338 | 2890 | 3508 | 3801 | 3269 | 1675 | 8.4 | 2.27 | 1.95 | 4194 | DWG13 | SM17 | J9226GK | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 1363 | 1764 | 2249 | 2819 | 3472 | 4210 | 3801 | 3269 | 1675 | 8.4 | 2.27 | 1.95 | 5032 | DWG14 | SM17 | NJ9226GK | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 1363 | 1764 | 1853 | 2338 | 2890 | 3508 | 3801 | 3269 | 1521 | 2.4 | 2.50 | 2.15 | 4194 | DWG13 | SM18 | J9226GS | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 1363 | 1764 | 2249 | 2819 | 3472 | 4210 | 3801 | 3269 | 1521 | 2.4 | 2.50 | 2.15 | 5032 | DWG14 | SM18 | NJ9226GS | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 1662 | 2154 | 2270 | 2873 | 3562 | 4336 | 4704 | 4045 | 1960 | 9.7 | 2.40 | 2.06 | 5196 | DWG13 | SM17 | J9232GK | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 1662 | 2154 | 2754 | 3462 | 4277 | 5200 | 4704 | 4045 | 1960 | 9.7 | 2.40 | 2.06 | 6230 | DWG14 | SM17 | NJ9232GK | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 1662 | 2154 | 2270 | 2873 | 3562 | 4336 | 4704 | 4045 | 1887 | 3.0 | 2.49 | 2.14 | 5196 | DWG13 | SM18 | J9232GS | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 1662 | 2154 | 2754 | 3462 | 4277 | 5200 | 4704 | 4045 | 1887 | 3.0 | 2.49 | 2.14 | 6230 | DWG14 | SM18 | NJ9232GS | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 2158 | 2778 | 2825 | 3527 | 4326 | 5222 | 5647 | 4856 | 2223 | 4.1 | 2.54 | 2.18 | 6216 | DWG13 | SM18 | J9238GS | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 2158 | 2778 | 3499 | 4320 | 5243 | 6267 | 5647 | 4856 | 2223 | 4.1 | 2.54 | 2.18 | 7391 | DWG14 | SM18 | NJ9238GS | | | |

FREQUENCY APPLICATION REFRIGERANT
60 Hz AC R 407C

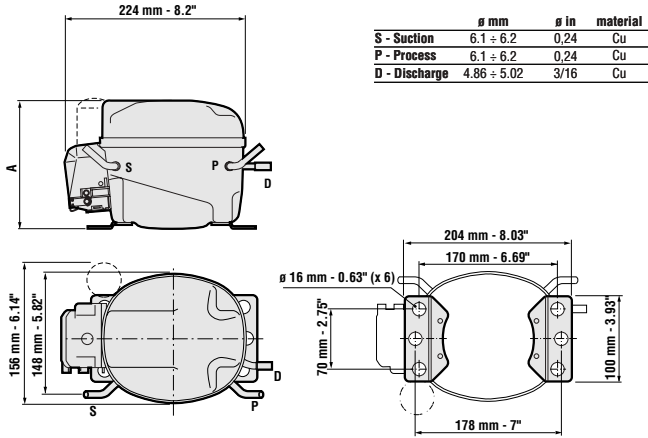
| Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] Subcooled conditions [W] | | | | | | | | | | | | Drawings | | MODEL | | | | |
|--------------------------------|---|------|--------------|-------------|-------|-----------|------|------|------|------|------|-------|-----------------------|------------------------|-------|--|--|--|--|
| | Rated Point +7.2°C | | | | | | EER | | | | | | External View ref. | Wiring Diagram ref. | | | | | |
| | 0 | +5 | W. input [W] | Current [A] | [W/W] | [kcal/hW] | +10 | +15 | +20 | +25 | +30 | +35 | | | | | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 3049 | 3778 | 4126 | 3548 | 1733 | 3.4 | 2.38 | 2.05 | 4583 | 5464 | 6337 | DWG13 | SM18 | J7231GP | | | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 3049 | 3778 | 4126 | 3548 | 1733 | 3.4 | 2.38 | 2.05 | 5329 | 5464 | 6337 | DWG14 | SM18 | NJ7231GP | | | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 3800 | 4708 | 5142 | 4422 | 2160 | 4.0 | 2.38 | 2.05 | 5712 | 6809 | 7897 | DWG13 | SM18 | J7238GP | | | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 3800 | 4708 | 5142 | 4422 | 2160 | 4.0 | 2.38 | 2.05 | 6642 | 6809 | 7897 | DWG14 | SM18 | NJ7238GP | | | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 4480 | 5502 | 5413 | 4655 | 2274 | 4.2 | 2.38 | 2.05 | 6012 | 7167 | 8313 | DWG13 | SM18 | J7240GP | | | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 4480 | 5502 | 5413 | 4655 | 2274 | 4.2 | 2.38 | 2.05 | 6992 | 7167 | 8313 | DWG14 | SM18 | NJ7240GP | | | | | |

FREQUENCY APPLICATION REFRIGERANT
60 Hz LBP R 600a

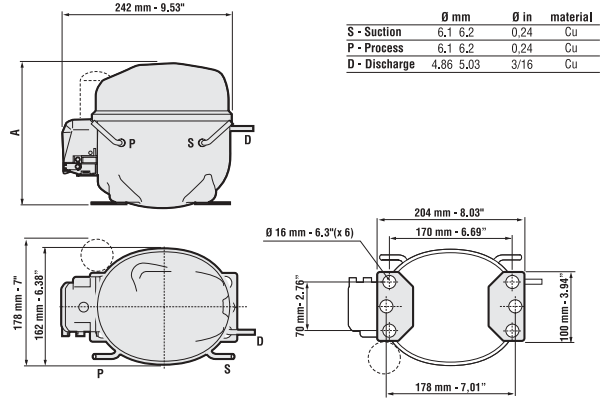
| Condensing Temperature [°C] | Cooling Capacity / Evaporating Temperature [°C] Subcooled conditions [W] | | | | | | | | | | | | Drawings | | MODEL | | | | |
|--------------------------------|---|-----|--------------|-------------|-------|-----------|------|------|-----|-----|-----|-----|-----------------------|------------------------|----------|--|--|--|--|
| | Rated Point -23.3°C | | | | | | EER | | | | | | External View ref. | Wiring Diagram ref. | | | | | |
| | -30 | -25 | W. input [W] | Current [A] | [W/W] | [kcal/hW] | -20 | -15 | -10 | -5 | +5 | +10 | | | | | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 170 | 202 | 220 | 189 | 172 | 2.7 | 1.29 | 1.11 | 260 | 330 | 411 | 504 | DWG02 | SM00 | NB1116Y | | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 113 | 137 | 150 | 129 | 124 | 1.0 | 1.22 | 1.05 | 274 | 346 | 432 | 532 | DWG02 | SM00 | NBM1112Y | | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 175 | 206 | 224 | 193 | 168 | 1.0 | 1.34 | 1.15 | 179 | 228 | 283 | 345 | DWG02 | SM00 | NBM1116Y | | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 175 | 220 | 224 | 193 | 168 | 1.0 | 1.34 | 1.15 | 263 | 334 | 418 | 515 | DWG02 | SM00 | NBM1116Y | | | | |
| 54.4 | | | | | | | | | | | | | | | | | | | |
| 45 | 175 | 220 | 224 | 193 | 168 | 1.0 | 1.34 | 1.15 | 281 | 357 | 448 | 555 | DWG02 | SM00 | NBM1116Y | | | | |

EXTERNAL VIEWS

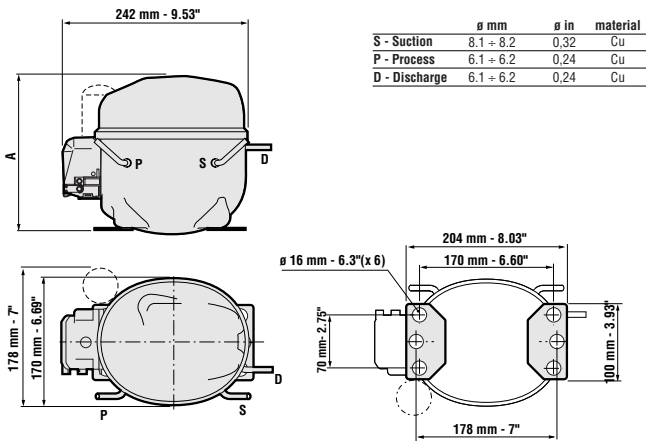
DWG 01 BP SERIES European Base Plate



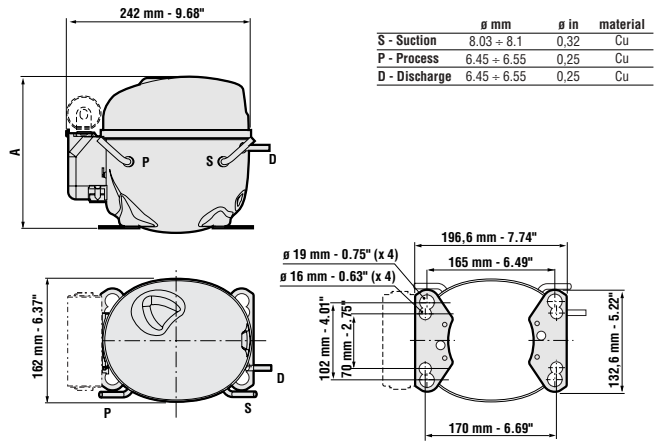
DWG 02 NB/NE SERIES European Base Plate



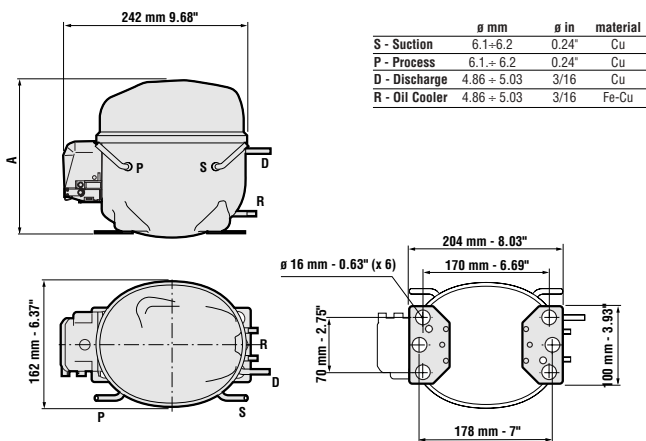
DWG 03 NB/NE SERIES European Base Plate



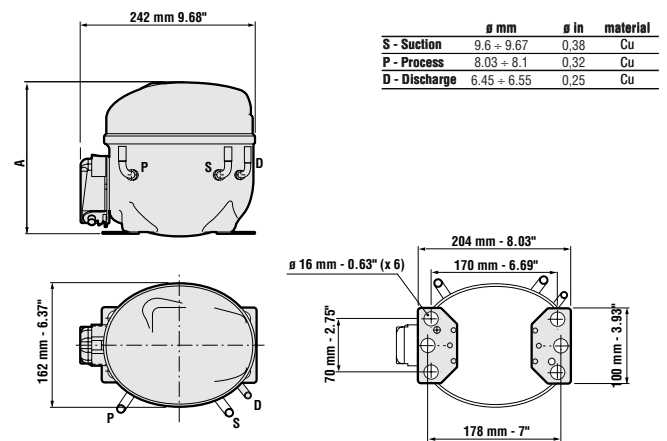
DWG 04 NB/NE SERIES Universal Base Plate



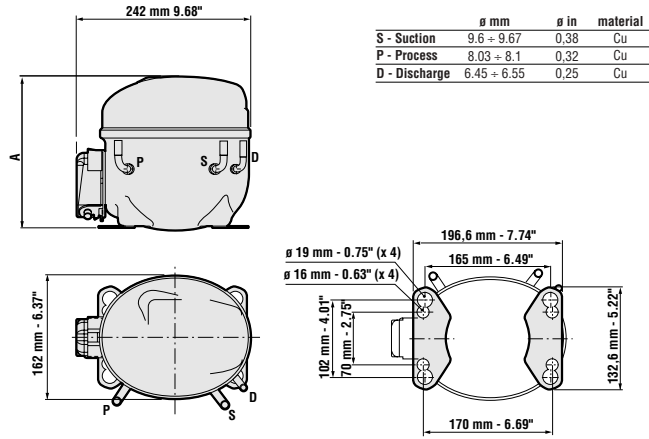
DWG 05 NB/NE SERIES Oil Cooler



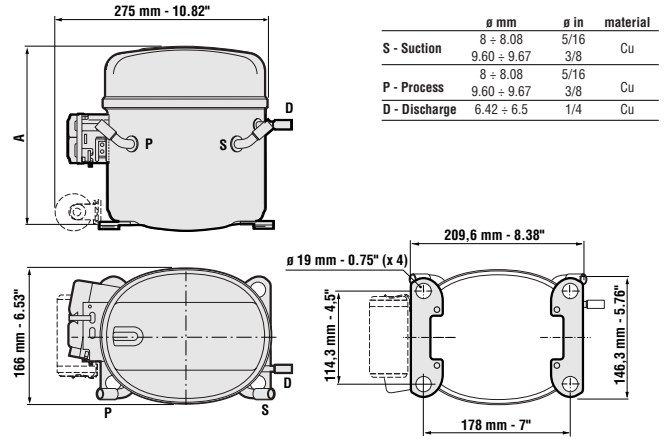
DWG 06 NE SERIES Air Conditioning European Base Plate



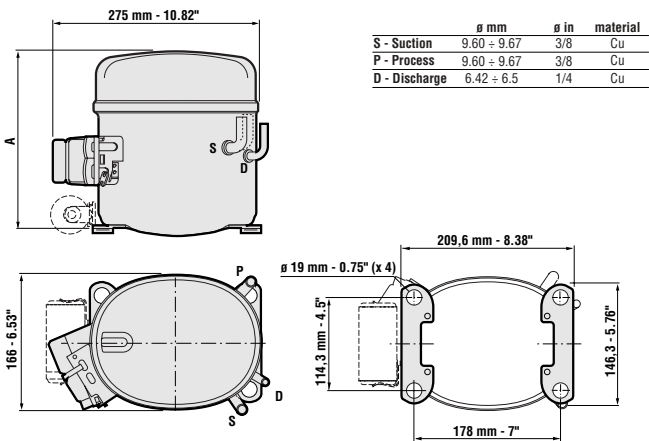
DWG 07 NE SERIES Air Conditioning Universal Base Plate



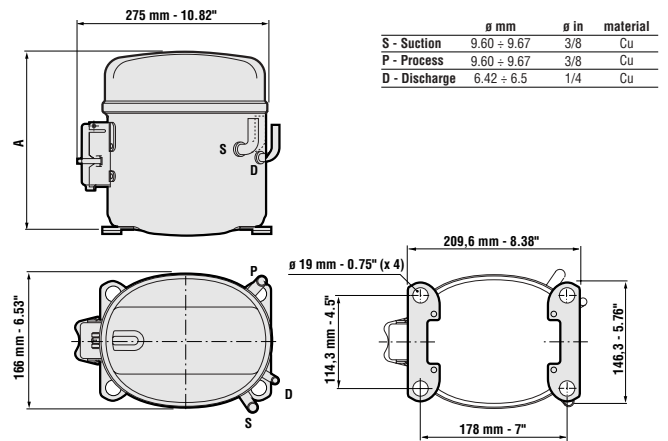
DWG 08 T SERIES Terminal Board



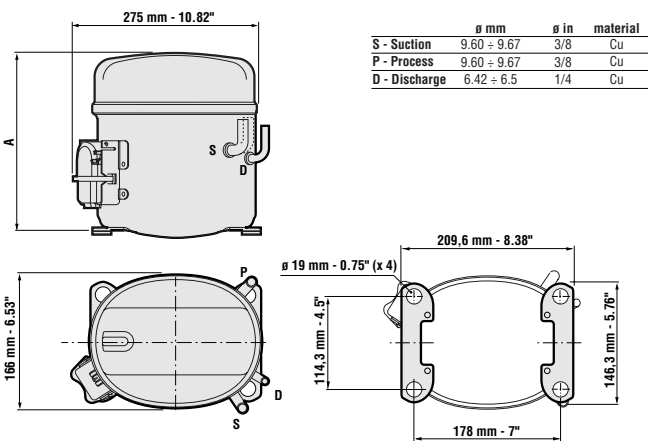
DWG 09 T SERIES Air Conditioning Terminal Board



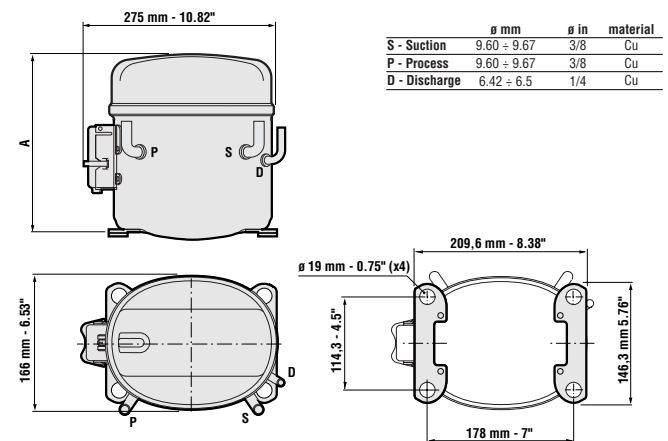
DWG 10 T SERIES Air Conditioning Standard Cover



DWG 11 T SERIES Air Conditioning Standard Cover

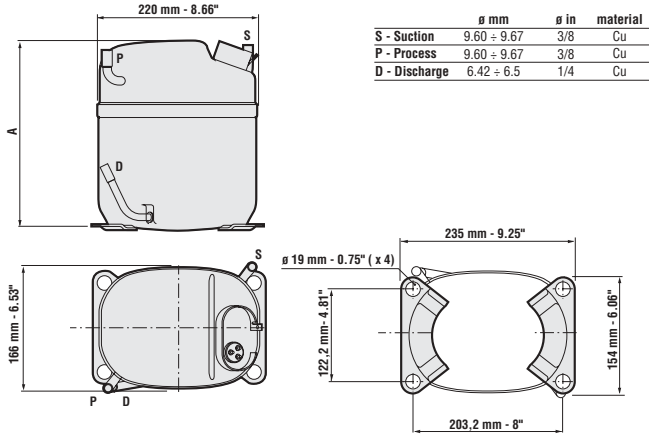


DWG 12 T SERIES Air Conditioning Standard Cover

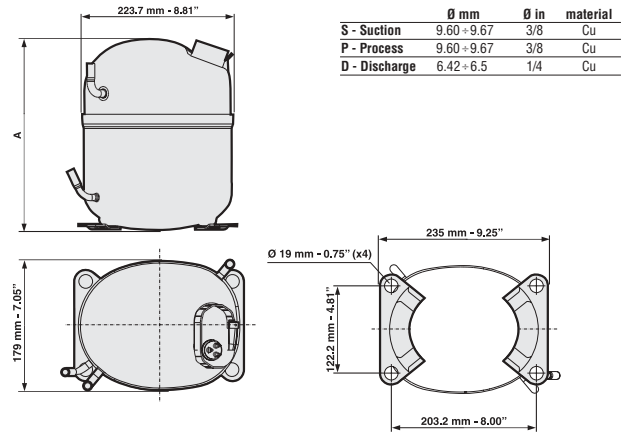


EXTERNAL VIEWS

DWG 13 J SERIES

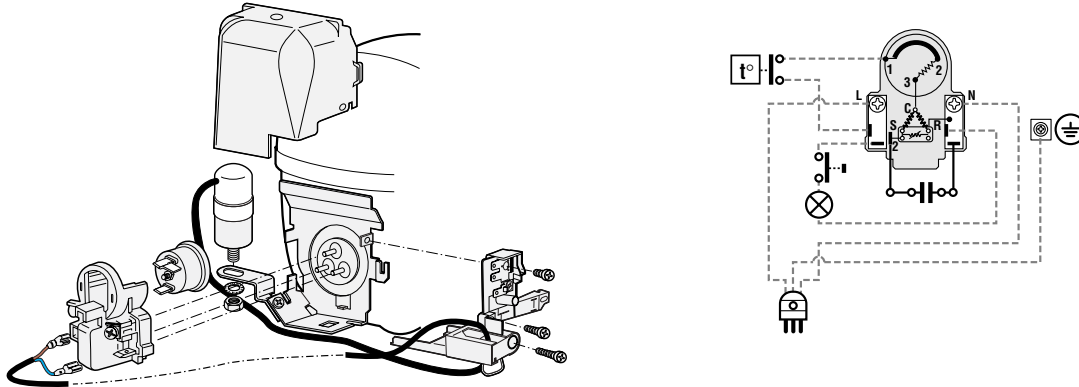


DWG 14 NJ SERIES

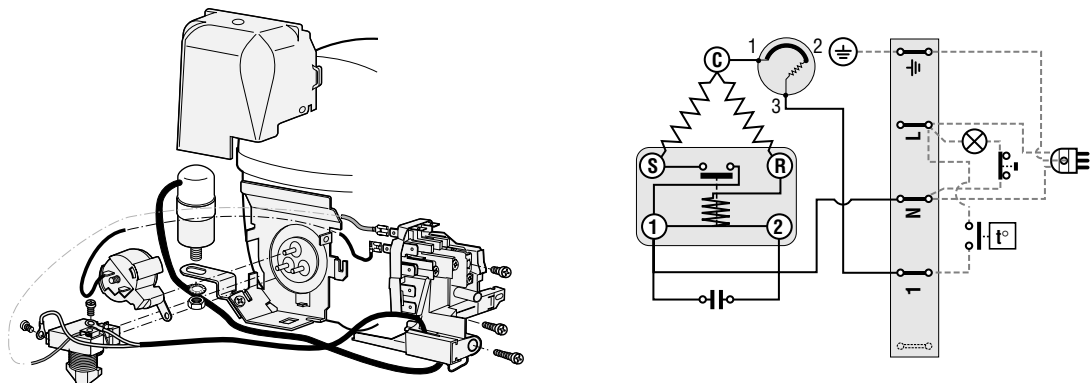


WIRING DIAGRAMS

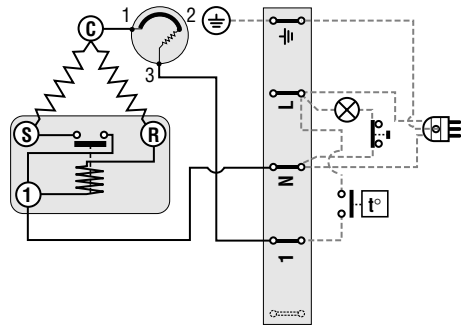
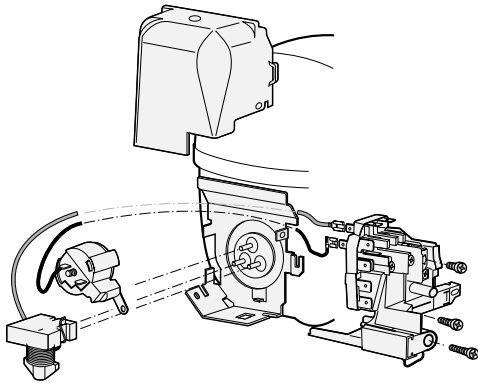
SM 00 EM - BP - NB/NE SERIES RSIR - RSCR PTC Integrated Start Device - European Version



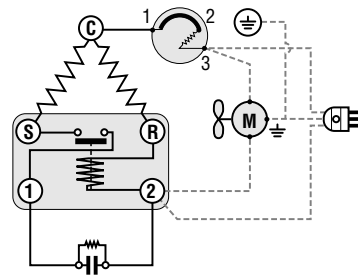
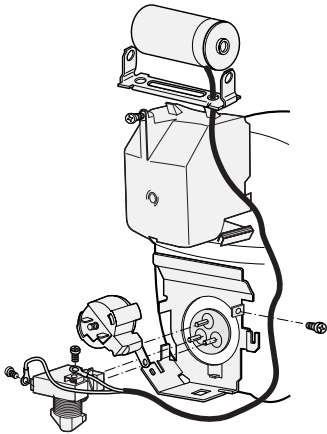
SM 01 EM - BP - NB/NE SERIES RSIR - RSCR PTC Terminal Board & Start Relay



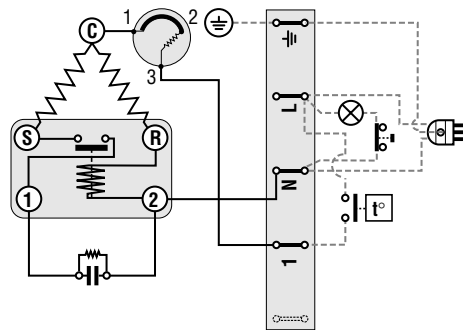
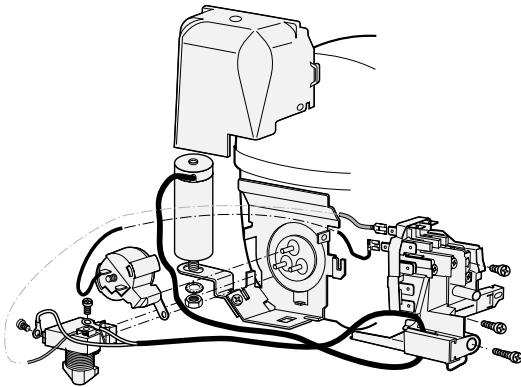
SM 03 NB/NE SERIES RSIR Terminal Board & Start Device



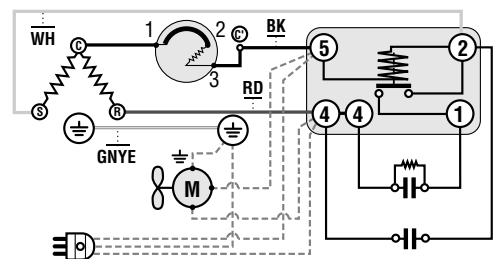
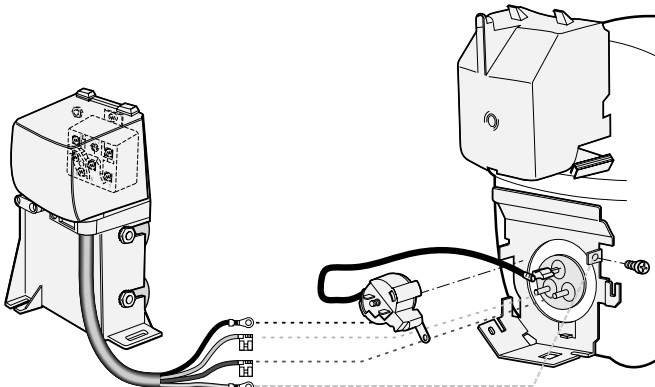
SM 04 NB/NE SERIES CSIR Cord Anchorage & Start Device - American Version



SM 05 NB/NE SERIES CSIR Terminal Board & Start Device

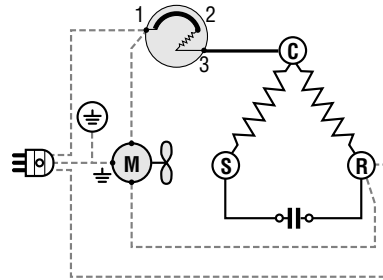
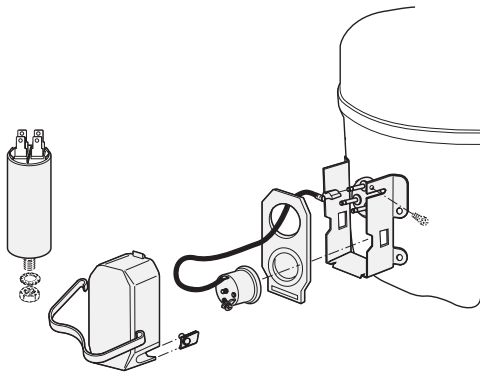


SM 06 NB/NE SERIES CSR Box

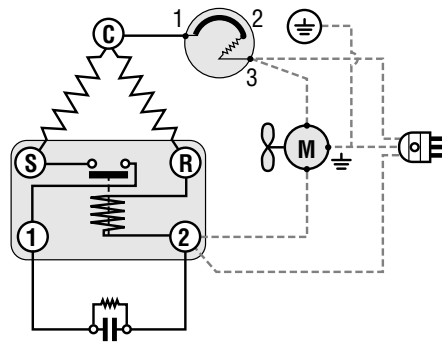
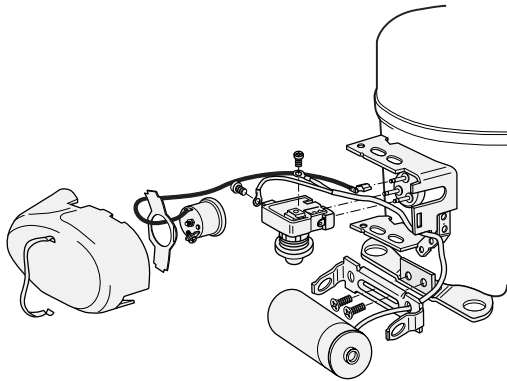


WIRING DIAGRAMS

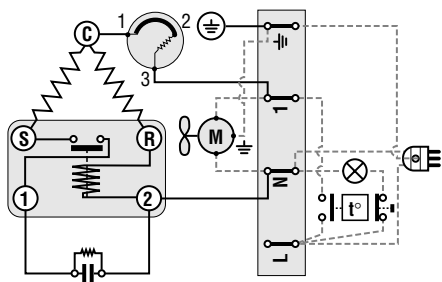
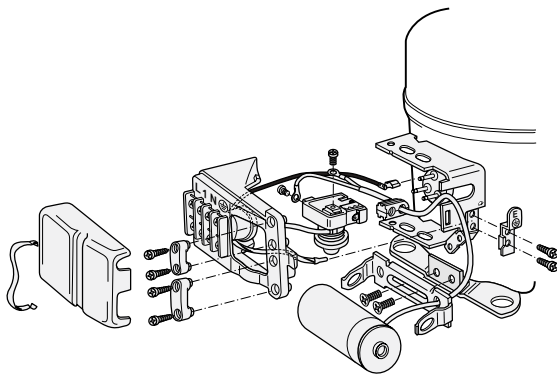
SM 07 NE SERIES PSC



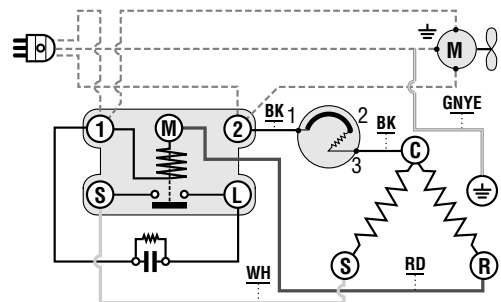
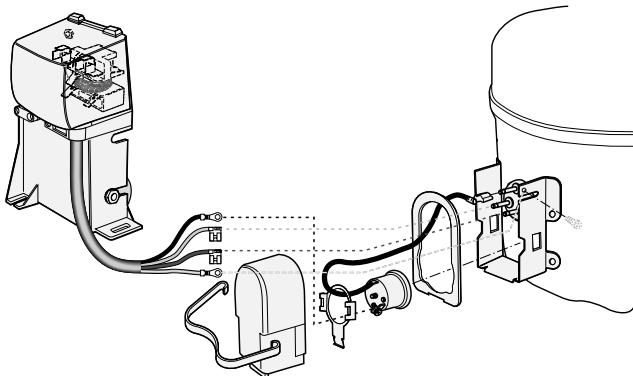
SM 08 T SERIES CSIR Standard Cover



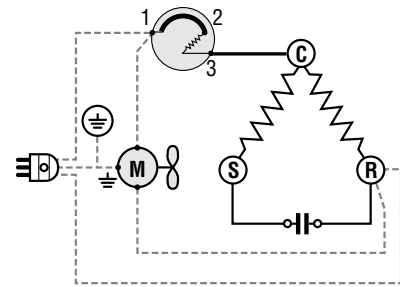
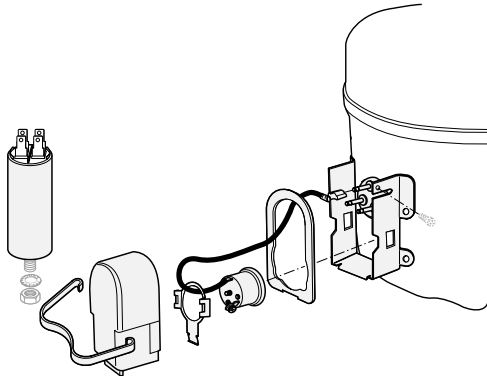
SM 09 T SERIES CSIR Terminal Board



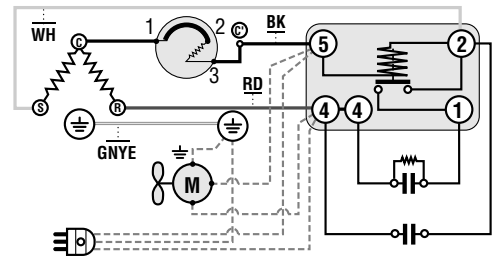
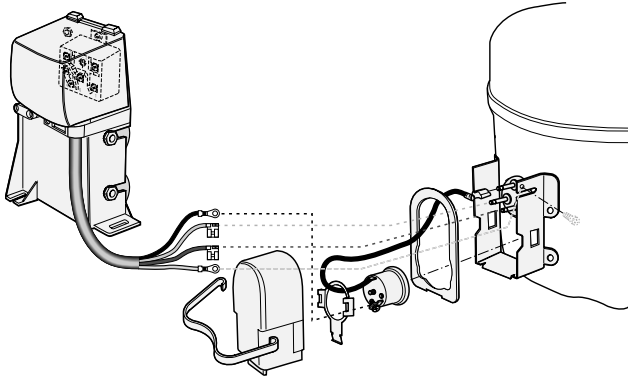
SM 10 T SERIES CSIR Box



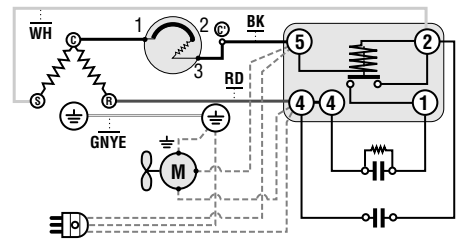
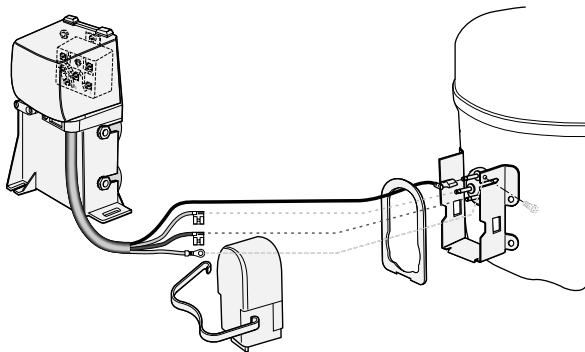
SM 11 T SERIES PSC



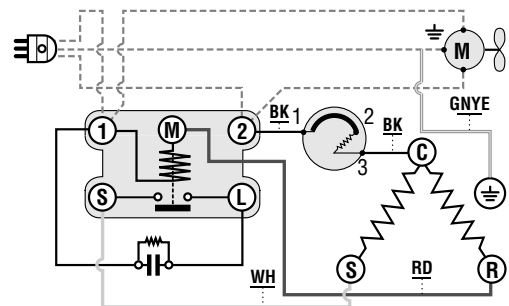
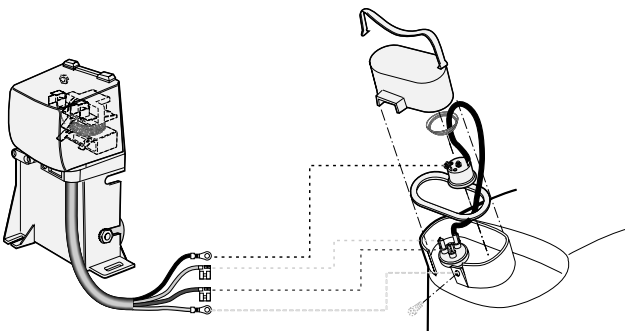
SM 12 T SERIES CSR Box



SM 13 T SERIES CSR Box (Internal Overload Protector)

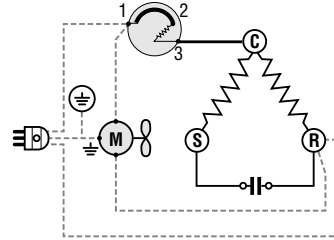
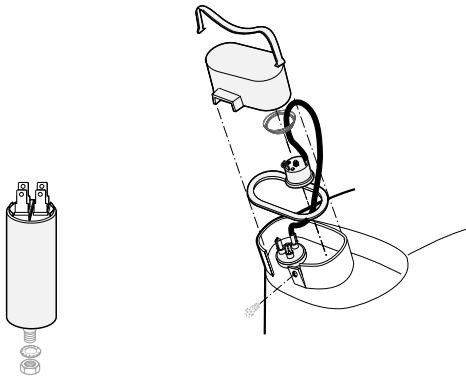


SM 14 J SERIES CSIR Box

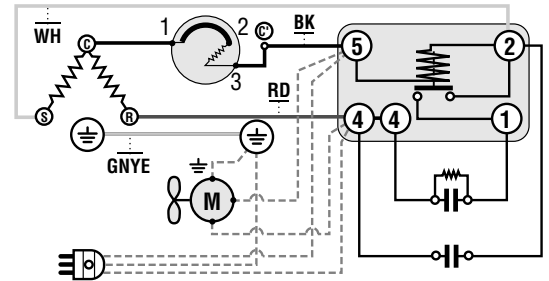
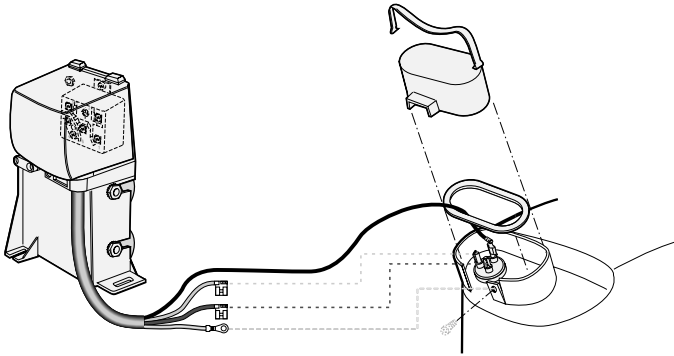


WIRING DIAGRAMS

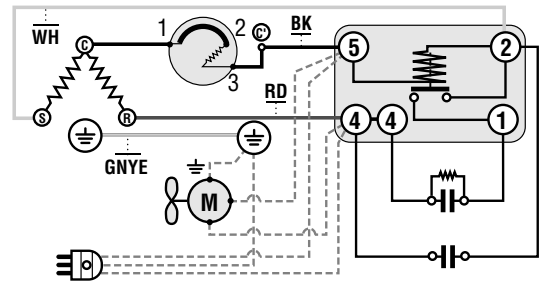
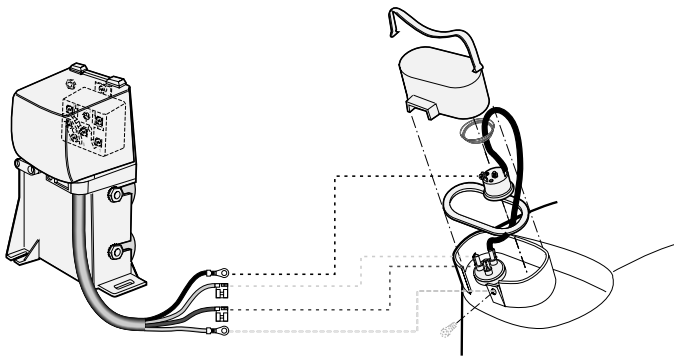
SM 15 J SERIES PSC



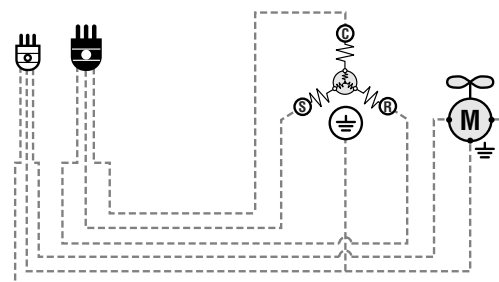
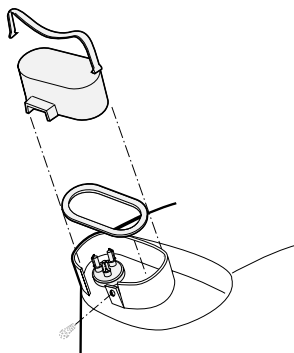
SM 16 J SERIES CSR Box (Internal Overload Protector)



SM 17 J SERIES CSR Box

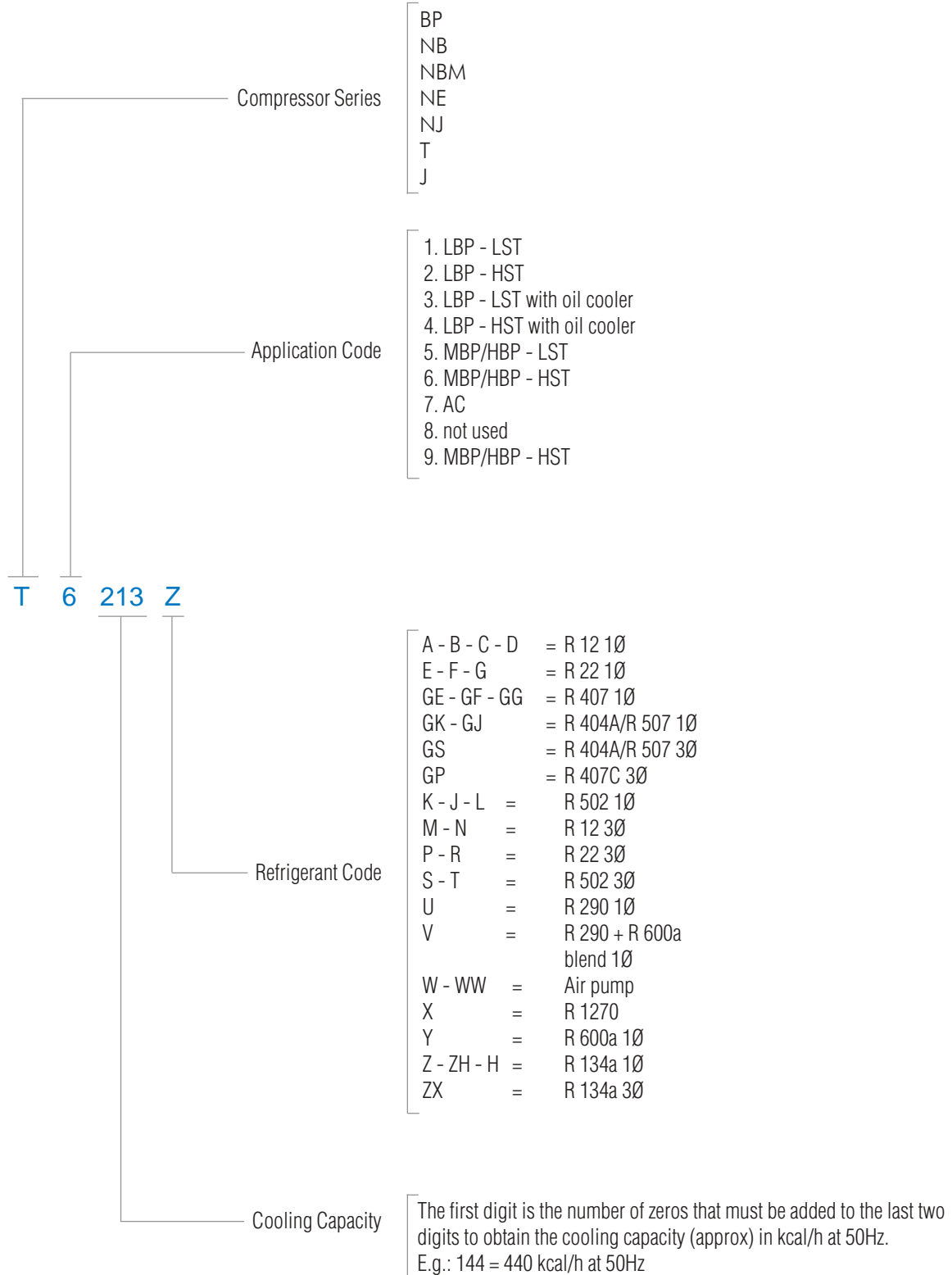


SM 18 J SERIES 3-Phase



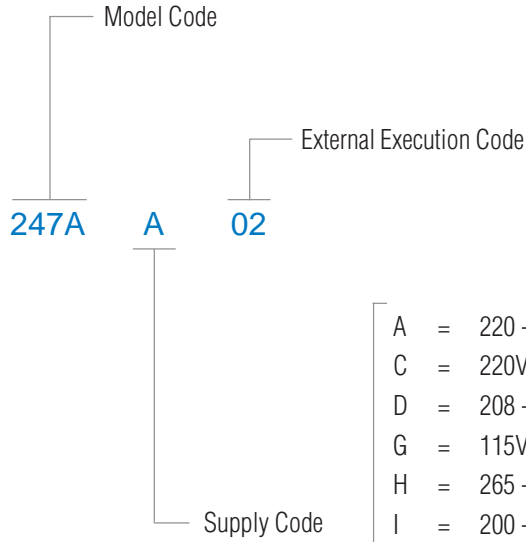
NOMENCLATURE

COMPRESSOR MODEL



NOMENCLATURE

BILL OF MATERIAL



- A = 220 - 240V ~ 50Hz 1Ø
- C = 220V ~ 50Hz 1Ø
- D = 208 - 230V ~ 60Hz / 200V ~ 50Hz 1Ø
- G = 115V ~ 60Hz / 100V ~ 50Hz 1Ø
- H = 265 - 277V ~ 60Hz 1Ø
- I = 200 - 220V ~ 60Hz 1Ø
- J = 230V ~ 60Hz / 200V ~ 50Hz 1Ø
- K = 200 - 220V ~ 50Hz / 230V ~ 60Hz 1Ø
- L = 200 - 240V ~ 50Hz / 230V ~ 60Hz 3Ø
- M = 380 - 420V ~ 50Hz / 440 - 480V ~ 60Hz 3Ø
- N = 200 - 240V ~ 50Hz / 230V ~ 60Hz 1Ø
- Q = 100V ~ 50/60Hz 1Ø
- T = 220 - 230V ~ 50Hz 1Ø
- U = 220V ~ 60Hz 1Ø
- V = 230V ~ 50Hz 1Ø
- W = 220V ~ 50/60Hz 1Ø
- Z = 200 - 230V ~ 60Hz 1Ø



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