

# Mbsm.pro, Compressor, 1/11 Hp, 67 W, 110-120V, R600A

Category: compressor

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## Description

### Basic Info

- Model NO.: QD35Y11G
- Door Number: Single Door
- Door Type: Swing Door
- Temperature Control: Mechanical Thermostat
- Defrost Type: Auto Defrost
- Certification: CE, RoHS, UL, ISO, CCC, CB, ETL
- Motor Type: Rscr
- Frequency: 50-60Hz
- Cooling Capacity: 67W
- Starting Capacitor: No
- Cooling Type: Static
- Transport Package: 1PC/CTN, 100ctns/Pallet
- Origin: China
- Capacity: 101-200L
- Type: Chest/Deep Freezer
- Power Source: Electricity
- Temperature Type: Double-temperature
- Function: Freezing
- Displacement: 3.5cm<sup>3</sup>

- Voltage: 110-120V
- Refrigerant: R600A
- Starting Device: PTC
- Running Capacitor: 6UF
- Trademark: SIKELAN
- Specification: 1/12hp
- HS Code: 8414301100

Product Description

1. Product Performance

- 1)QD35Y11G, L series, use R600A refrigerant;
- 2)Voltage application 110V to 120V;
- 3)Frequency for 50/60HZ;
- 4)Motor type: RSCR;
- 5)Cooling type: ST;
- 6)Starting device is PTC Relay;
- 7)Application: Low Back Pressure;
- 8)Nominal power is 1/12 HP;
- 9)COP is 1.20 with the cooling capacity 67W.

Basing on Test Condition(ASHRAE)

- Evaporating Temperature: -23.3 degree
- Ambient Temperature: 32.2 degree
- Subcooling Temperature: 32.2 degree
- Condensing Temperature: 54.4 degree
- Suction Temperature: 32.2 degree

2.Compressor Specification

| Serial Model | HP                            | Voltage/<br>Frequency (V/Hz) | Displacement<br>(cm3) | Cooling Capacity ASHRAE |       |              |       |              |       |              |                  |                 |             | Test Conditions:-23.3°C(-10F) |         |      |       |       |       |      |       |       |       | -20°C(-4F) -15°C(5F) -10°C(10F) -5°C(23F) 0°C(32F) |       |                |       |   |       |    |    |  |  | Motor type | Starting Device | Starting Capacitor (uF) | Running capacitor (uF) | Cooling Type |
|--------------|-------------------------------|------------------------------|-----------------------|-------------------------|-------|--------------|-------|--------------|-------|--------------|------------------|-----------------|-------------|-------------------------------|---------|------|-------|-------|-------|------|-------|-------|-------|----------------------------------------------------|-------|----------------|-------|---|-------|----|----|--|--|------------|-----------------|-------------------------|------------------------|--------------|
|              |                               |                              |                       | -35°C (-31F)            |       | -30°C (-22F) |       | -25°C (-13F) |       | Capacity (W) | Capacity (Btu/h) | Input Power (W) | Current (A) | COP                           | EER     | W    |       | Btu/h |       | W    |       | Btu/h |       | W                                                  |       | Btu/h          |       |   |       |    |    |  |  |            |                 |                         |                        |              |
|              |                               |                              |                       | W                       | Btu/h | W            | Btu/h | W            | Btu/h |              |                  |                 |             |                               |         | W    | Btu/h | W     | Btu/h | W    | Btu/h | W     | Btu/h | W                                                  | Btu/h | W              | Btu/h | W | Btu/h |    |    |  |  |            |                 |                         |                        |              |
| MS           | QD35Y11G 1/12                 |                              | 3.5                   | 31                      | 106   | 40           | 136   | 52           | 177   | 67           | 229              | 56              | 0.4         | 1.2                           | 4.0884  | 287  | 105   | 358   | 131   | 447  | 164   | 560   | 205   | 699                                                | RSCR  | /              | /     | 6 | 6     | ST |    |  |  |            |                 |                         |                        |              |
|              | QD43Y11G 1/11                 |                              | 4.3                   | 41                      | 140   | 53           | 181   | 69           | 235   | 90           | 307              | 75              | 0.6         | 1.2                           | 4.09113 | 386  | 141   | 481   | 176   | 601  | 220   | 751   | 275   | 938                                                | RSCR  | /              | /     | 6 | 6     | ST |    |  |  |            |                 |                         |                        |              |
|              | QD53Y11G 1/9                  |                              | 5.3                   | 47                      | 160   | 61           | 208   | 79           | 270   | 102          | 348              | 78              | 1.1         | 1.3                           | 4.46128 | 437  | 159   | 543   | 199   | 679  | 249   | 850   | 311   | 1061                                               | RSCR  | /              | /     | 6 | 6     | ST |    |  |  |            |                 |                         |                        |              |
| LH           | QD65Y11G 1/7                  |                              | 6.5                   | 60                      | 205   | 78           | 266   | 102          | 348   | 132          | 450              | 101             | 1.45        | 1.3                           | 4.46165 | 563  | 206   | 703   | 258   | 880  | 322   | 1099  | 403   | 1375                                               | RSCR  | /              | /     | 6 | 6     | ST |    |  |  |            |                 |                         |                        |              |
|              | QD75Y11G 1/6-                 |                              | 7.5                   | 71                      | 242   | 92           | 314   | 120          | 409   | 156          | 532              | 120             | 1.65        | 1.3                           | 4.44195 | 665  | 244   | 833   | 305   | 1041 | 381   | 1300  | 476   | 1624                                               | RSCR  | /              | /     | 6 | 6     | ST |    |  |  |            |                 |                         |                        |              |
|              | QD43Y11G 1/11                 |                              | 4.3                   | 41                      | 140   | 53           | 181   | 69           | 235   | 90           | 307              | 75              | 0.6         | 1.2                           | 4.09113 | 386  | 141   | 481   | 176   | 601  | 220   | 751   | 275   | 938                                                | RSCR  | /              | /     | 6 | 6     | ST |    |  |  |            |                 |                         |                        |              |
| MK           | QD53Y11G 1/9                  |                              | 5.3                   | 47                      | 160   | 61           | 208   | 79           | 270   | 102          | 348              | 78              | 1.1         | 1.3                           | 4.46128 | 437  | 159   | 543   | 199   | 679  | 249   | 850   | 311   | 1061                                               | RSCR  | /              | /     | 6 | 6     | ST |    |  |  |            |                 |                         |                        |              |
|              | QD65G11G 1/7                  |                              | 6.5                   | 60                      | 205   | 78           | 266   | 102          | 348   | 132          | 450              | 102             | 1.45        | 1.3                           | 4.42165 | 563  | 206   | 703   | 258   | 880  | 322   | 1099  | 403   | 1375                                               | RSCR  | PTC            | /     | / | 6     | 6  | ST |  |  |            |                 |                         |                        |              |
|              | QD75Y11G 1/6-110-120V/50-60Hz |                              | 7.5                   | 71                      | 242   | 92           | 314   | 120          | 409   | 156          | 532              | 120             | 1.65        | 1.3                           | 4.44195 | 665  | 244   | 833   | 305   | 1041 | 381   | 1300  | 476   | 1624                                               | RSCR  | Starting/Relay | /     | / | 6     | 6  | ST |  |  |            |                 |                         |                        |              |
| WQ           | QD75Y11G 1/6-                 |                              | 7.5                   | 71                      | 242   | 92           | 314   | 120          | 409   | 156          | 532              | 120             | 1.65        | 1.3                           | 4.44195 | 665  | 244   | 833   | 305   | 1041 | 381   | 1300  | 476   | 1624                                               | RSCR  | Relay          | /     | / | 6     | 6  | ST |  |  |            |                 |                         |                        |              |
|              | QD85Y11G 1/6                  |                              | 8.5                   | 79                      | 270   | 103          | 351   | 134          | 457   | 174          | 594              | 134             | 1.68        | 1.3                           | 4.43218 | 744  | 272   | 928   | 340   | 1160 | 425   | 1450  | 531   | 1812                                               | RSCR  | /              | /     | 6 | 6     | ST |    |  |  |            |                 |                         |                        |              |
|              | QD91Y11G 1/5                  |                              | 9.1                   | 85                      | 290   | 110          | 375   | 143          | 488   | 186          | 635              | 124             | 1.7         | 1.5                           | 5.12233 | 795  | 291   | 993   | 363   | 1239 | 454   | 1549  | 568   | 1938                                               | RSCR  | /              | /     | 6 | 6     | ST |    |  |  |            |                 |                         |                        |              |
| F            | QD103Y11G1/4-                 |                              | 10.3                  | 92                      | 314   | 119          | 406   | 155          | 529   | 201          | 686              | 134             | 1.83        | 1.5                           | 5.12251 | 856  | 314   | 1071  | 393   | 1341 | 491   | 1675  | 613   | 2092                                               | RSCR  | /              | /     | 6 | 6     | ST |    |  |  |            |                 |                         |                        |              |
|              | QD110Y11G1/4                  |                              | 11.0                  | 100                     | 341   | 130          | 444   | 169          | 577   | 220          | 751              | 147             | 1.95        | 1.5                           | 5.11275 | 938  | 344   | 1174  | 430   | 1467 | 537   | 1832  | 671   | 2289                                               | RSCR  | /              | /     | 6 | 6     | ST |    |  |  |            |                 |                         |                        |              |
|              | QD128Y11G1/3-                 |                              | 12.8                  | 120                     | 409   | 156          | 532   | 203          | 693   | 264          | 901              | 182             | 2.05        | 1.454                         | .95330  | 1126 | 413   | 1409  | 516   | 1761 | 645   | 2201  | 806   | 2750                                               | RSCR  | /              | /     | 6 | 6     | F  |    |  |  |            |                 |                         |                        |              |
| F            | QD142Y11G1/3                  |                              | 14.2                  | 130                     | 444   | 169          | 577   | 219          | 747   | 285          | 972              | 197             | 2.16        | 1.454                         | .94356  | 1215 | 445   | 1518  | 557   | 1900 | 696   | 2375  | 870   | 2968                                               | RSCR  | /              | /     | 6 | 6     | F  |    |  |  |            |                 |                         |                        |              |
|              | QD153Y11G1/3+                 |                              | 15.3                  | 142                     | 485   | 185          | 631   | 240          | 819   | 312          | 1065             | 215             | 2.25        | 1.454                         | .95390  | 1331 | 485   | 1655  | 609   | 2078 | 762   | 2600  | 952   | 3248                                               | RSCR  | /              | /     | 6 | 6     | F  |    |  |  |            |                 |                         |                        |              |



120VAC  
307BTU



1/11HP

R600A

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## Description de Produit

## Information d'Entreprise

## Info de Base.

|                        |             |                     |                            |
|------------------------|-------------|---------------------|----------------------------|
| N° de Modèle.          | QD43Y11G    | Displacement        | 4.3cm3                     |
| Refrigerant            | R600A       | Voltage             | 110-120V                   |
| Frequency              | 50/60Hz     | Motor Type          | Rscr                       |
| Application Type       | Lbp         | Cop                 | 1.20                       |
| Input Power            | 90W         | Starting Device     | PTC                        |
| Cooling Type           | Static      | Paquet de Transport | 1PC/CTN, 100 or 120PCS/Plt |
| Spécifications         | QD43Y11G    | Marque Déposée      | SIKELAN                    |
| Origine                | China       | Code SH             | 841430119                  |
| Capacité de Production | 7000PCS/Day |                     |                            |