



AG2525Z-KZ1A(TAG2525Z)

Product Family :  
AG

Application :  
LBP

Status :  
Active

Voltage :  
220V 3PH 50Hz, 220V 3PH 60Hz

Refrigerant :  
R-404A, R-452A

Product Technology :  
Reciprocating  
AG Series Reciprocating Compressor

|                |  |
|----------------|--|
| Project Name:  |  |
| Customer Name: |  |
| Item Number:   |  |
| Refrigerant:   |  |
| Job Location:  |  |
| Date:          |  |



# PRODUCT SPECIFICATION

## General

Horse Power: 5 HP  
Motor Torque: High Start Torque (HST)  
Evaporating Range: -40°C to -10°C (-40°F to 14°F)

## Mechanical

Displacement (CC): 145  
Compressor Cooling: Fan  
Oil Charge: 1760 cc  
Oil Type: Polyolester  
Viscosity: 32

## Agency Approval

Agency: CE, GOST, GOST\_UKR

## Electrical

LRA: 118  
Motor Type: 3PH  
MCC: 25.9  
Motor Resistance - Main: 0.64  
Motor Resistance Start: 0.64  
RLA 50HZ: 12.5  
RLA 60HZ: 13.7  
Voltage Frequency: 50Hz~60Hz



# PERFORMANCE

Performance Data shown here is calculated and is for reference purposes. For actual performance data at specific rated conditions please click on the Performance Calculator button below the table. The performance calculator is only available for Fixed Speed Compressors and Condensing Units. If you do not see performance data here, please contact Customer Service for assistance.

REFRIGERANT: R404A    FREQUENCY: 50HZ

| Operating conditions                      | Application | Capacity (W) | Capacity (Btu/h) | Capacity (Kcal/h) |
|-------------------------------------------|-------------|--------------|------------------|-------------------|
| ARI 520-90<br>-10°F, 120°F<br>-23°C, 48°C | LBP         | 4369         | 14899            | 3757              |
| ARI 540-97<br>-25°F, 105°F<br>-31°C, 40°C | LBP         | 3374         | 11508            | 2902              |
| ASHRAE<br>-10°F, 130°F<br>-23°C, 54°C     | LBP         | 5766         | 19665            | 4959              |
| CECOMAF<br>-13°F, 131°F<br>-25°C, 55°C    | LBP         | 3839         | 13093            | 3302              |
| EN12900<br>-31°F, 104°F<br>-35°C, 40°C    | LBP         | 2954         | 10076            | 2541              |

Looking for the complete set of Performance Data for this product? Please see our Performance Calculator.



ITEMS SPECIFICATIONS

|                     |                                                                                     |
|---------------------|-------------------------------------------------------------------------------------|
|                     | 2835592102<br>(6835592100)                                                          |
| Documentation       |                                                                                     |
| Drawing_FR          |  |
| Replacement Parts   |                                                                                     |
| Specification       |                                                                                     |
| Status              | Active                                                                              |
| Global Model        | AG2525Z-KZ1A                                                                        |
| Overload Type       | Internal                                                                            |
| Packaging           | SINGLE                                                                              |
| Length              | 361 MM(14IN)                                                                        |
| Height              | 423 MM(17IN)                                                                        |
| Width               | 238 MM(9IN)                                                                         |
| Weight              | 48KG(106LB)                                                                         |
| Discharge Line Size | 5/8 in (15.9mm)                                                                     |
| Suction Line Size   | 7/8 in (22.2mm)                                                                     |
| Crankcase Heater    | Y                                                                                   |
| Grommet             | Y                                                                                   |
| Overload            | Y                                                                                   |
| Terminal Cover      | Y                                                                                   |

