

| Model    | Compressor                   |                                |                                 |                  |                     |                                  |                              |                                |                                              |
|----------|------------------------------|--------------------------------|---------------------------------|------------------|---------------------|----------------------------------|------------------------------|--------------------------------|----------------------------------------------|
|          | Low pressure stage           | High pressure stage            | Rotation speed<br>50Hz<br>r/min | Capacity control |                     | Lubrication type                 | Noise                        |                                |                                              |
|          | Displacement                 | Displacement                   |                                 |                  |                     |                                  | Freezing/ Refrigeration LT-S | Freezing/ Refrigeration LT-S-L |                                              |
|          | 50Hz                         | 50Hz                           |                                 | dB               |                     |                                  |                              |                                |                                              |
|          | m3/h                         | m3/h                           |                                 | Step type        | Stepless type       |                                  |                              |                                |                                              |
| LT-20/10 | 224                          | 99                             | 2950                            | 10%/50%<br>100%  | 10%<br>~<br>100%    | Pressure differential oil supply | 81                           | 81                             |                                              |
| LT-30/12 | 316                          | 137                            |                                 |                  |                     |                                  | 81                           | /                              |                                              |
| LT-45/20 | 450                          | 207                            |                                 |                  |                     |                                  | 83                           | 84                             |                                              |
| LT-55/25 | 551                          | 257                            |                                 | 84               |                     |                                  | 85                           |                                |                                              |
| LT-65/32 | 651                          | 313                            |                                 | 86               |                     |                                  | 88                           |                                |                                              |
| LT-83/41 | 840                          | 396                            |                                 | 87               |                     |                                  | 89                           |                                |                                              |
| Model    | Quality                      |                                | Motor                           |                  |                     |                                  |                              | Strength test                  |                                              |
|          | Kg                           |                                | Type                            | Starting         | Voltage (V)<br>50Hz | Insulation level                 | Protection                   | bar                            |                                              |
|          | Freezing/ Refrigeration LT-S | Freezing/ Refrigeration LT-S-L |                                 |                  |                     |                                  |                              | Freezing/ Refrigeration LT-S   | Freezing/ Refrigeration LT-S-L               |
|          | LT-20/10                     | 598                            |                                 |                  |                     |                                  |                              | 620                            | 3 phase 2 pole squirrel cage induction motor |
| LT-30/12 | 620                          | /                              |                                 |                  |                     |                                  |                              |                                |                                              |
| LT-45/20 | 1158                         | 1200                           |                                 |                  |                     |                                  |                              |                                |                                              |
| LT-55/25 | 1195                         | 1230                           |                                 |                  |                     |                                  |                              |                                |                                              |
| LT-65/32 | 1395                         | 1450                           |                                 |                  |                     |                                  |                              |                                |                                              |
| LT-83/41 | 1430                         | 1490                           |                                 |                  |                     |                                  |                              |                                |                                              |

Table 2-3.LT series compressor specification

## 2.4 Operating range graph

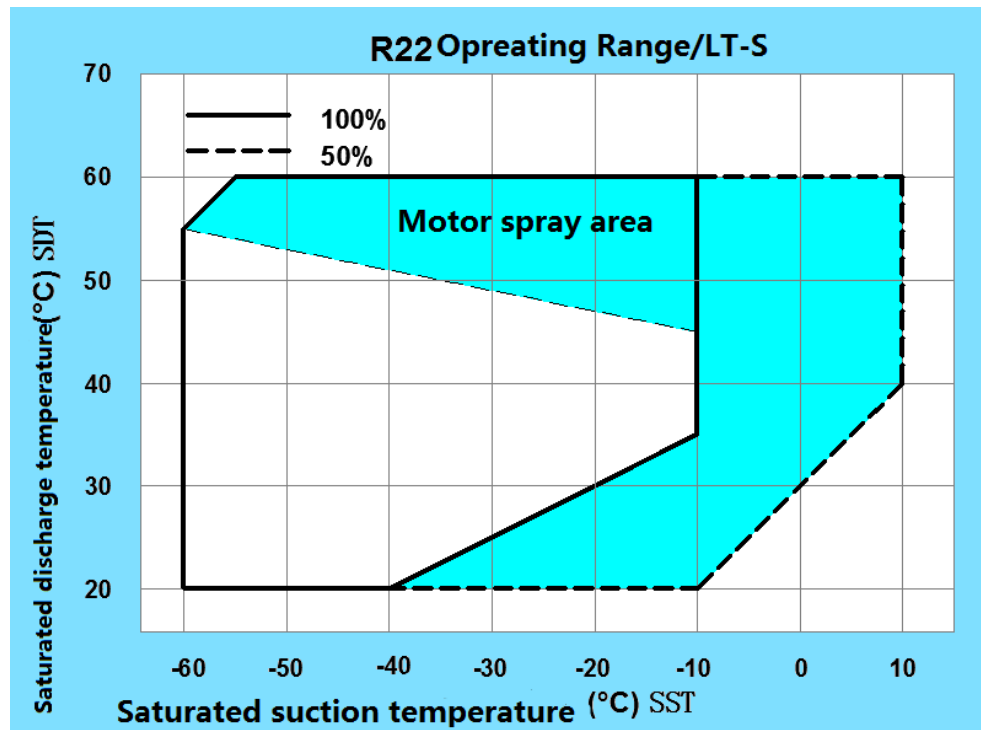
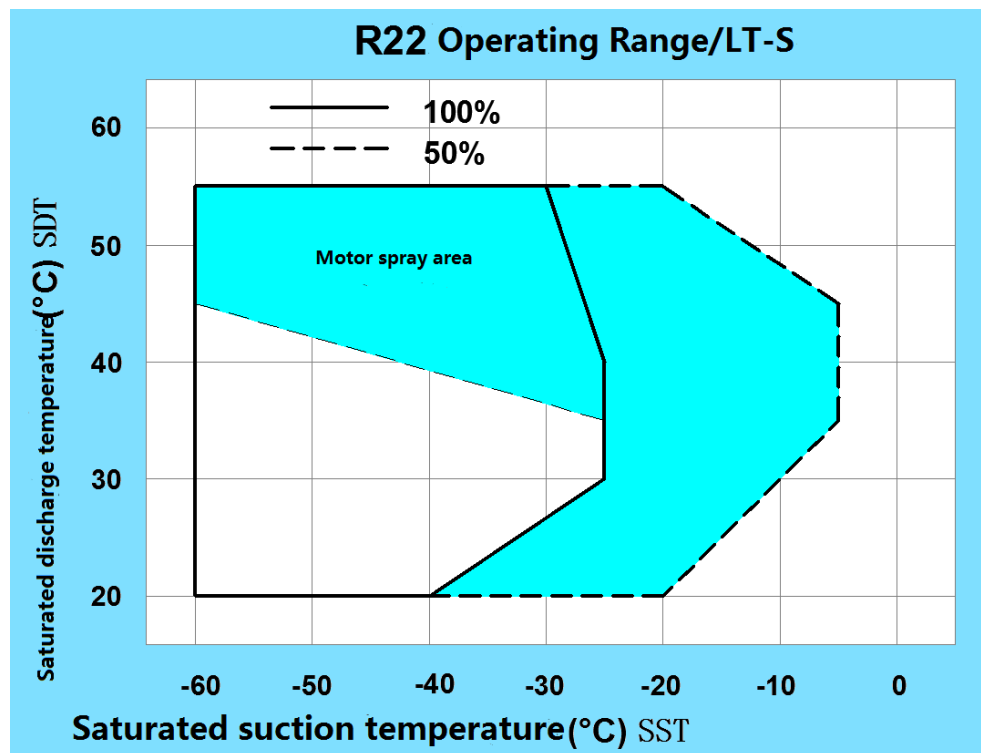


图 2-1. R22 运行范围图

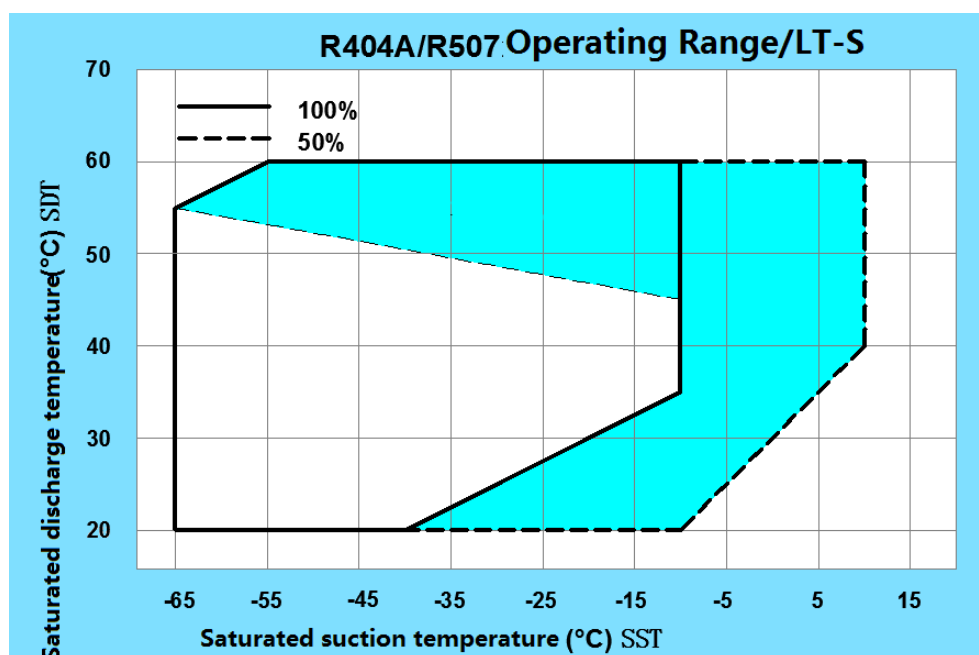
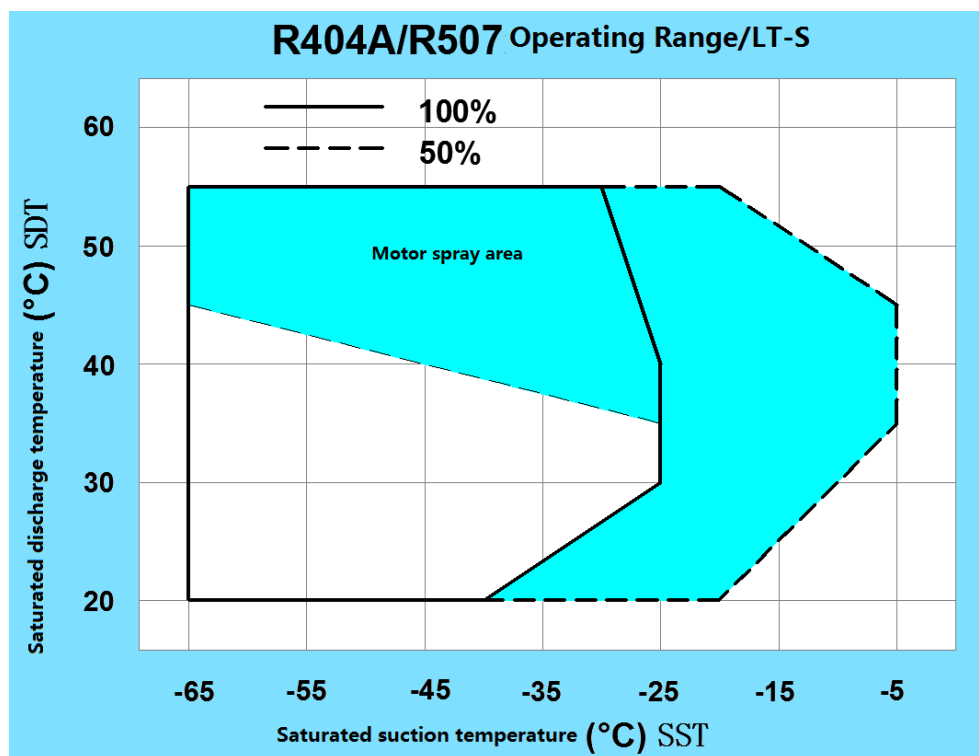
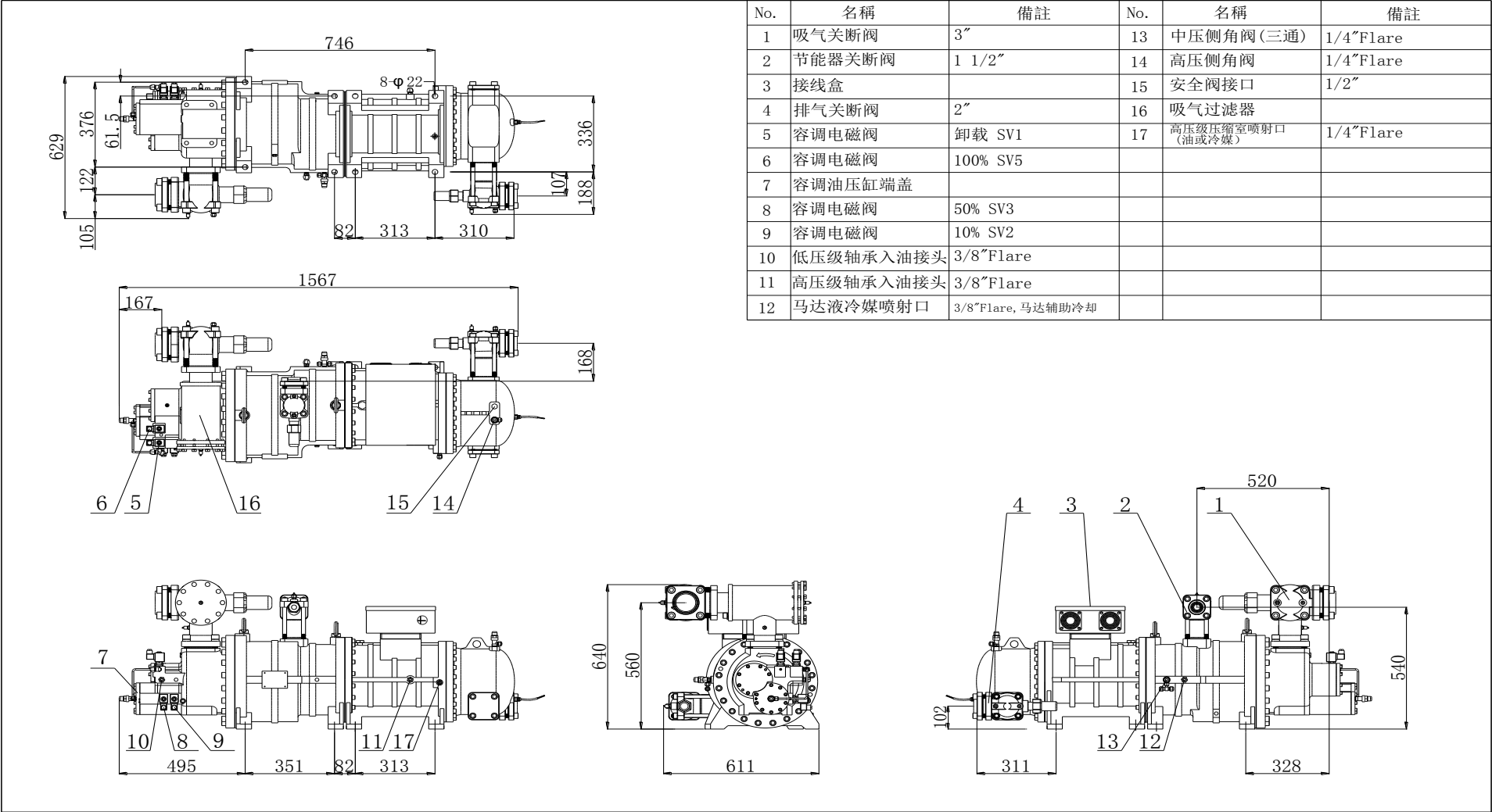


图 2-2.R404A 运行范围图

9. Dimensions

9.1 LT-S-20/10 Drawing



9.5 LT-S-20/10-L Drawing

