

Additional Instructions for equipment using R32 refrigerant

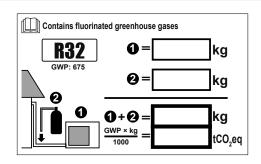
A

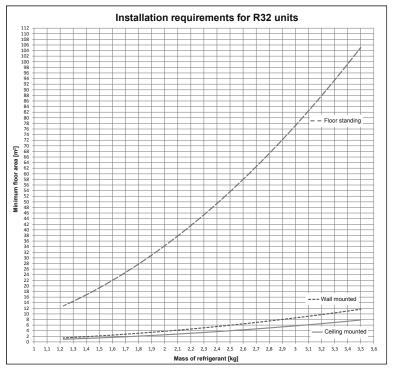
WARNING

- Do not use means to accelerate the defrosting process or to clean the equipment, other than those recommended by the manufacturer.
- The appliance shall be stored so as to prevent mechanical damage and in a well ventilated room without ignition sources in continuous operation (for example: open flames, an operating gas appliance or an operating electric heater) and have a room size as specified in this manual for installation.
- Joints made in the installation between parts of refrigerant system shall be accessible for maintenance purposes.
- · Do not reuse joints which have been used once already.
- Make sure installation, servicing, maintenance and repair follow instruction from Daikin and on top comply with applicable legislation (for example national gas regulation) and are executed only by qualified person.
- · Do not pierce or burn.
- · Be aware that the R32 refrigerant does not contain an odour.

INSTALLATION SPACE REQUIREMENTS

- · Installation of pipework shall be kept to a minimum.
- Pipework shall be protected from physical damage and shall not be installed in an unventilated space, if the space is smaller than the minimum size as defined in the table below.
- For installation inside a building (this applies to indoor units and to outdoor units installed inside) a minimum floor area of the room may be required. This is specified in the graph on the right and the table below. The table contains rounded figures. For a more precise determination, the values can be determined from the graph on the right side.
- For outdoor units installed inside (winter garden, garage, machinery room etc.) take the determination for floor standing units. If the outdoor unit is installed at a height of 1.8 meters or more above ground it is possible to use the determination of wall mounted units.
- To determine the minimum floor area, the total refrigerant charge needs to be taken into account (total value, which is the sum of pre-charge ① and additional field charge ②).
- The minimum floor area [m²] is determined based on the installation height of 1.8m for wall-mounted units and 2.2m for ceiling-mounted units.





Wall-mounted units		F			
(applies to indoor units and outdoor units installed inside)					
Minimum floor area for equipment installed inside					

Ceiling-mounted units			
m(kg)	A _{min} (m ²)		
1.224	Without restriction		
1.225	0.96		
1.3	1.08		
1.4	1.25		
1.5	1.44		
1.6	1.63		
1.7	1.84		
1.8	2.07		
1.9	2.30		
2.0	2.55		
2.1	2.81		
2.2	3.09		
2.3	3.38		
2.4	3.68		
2.5	3.99		
2.6	4.31		
2.7	4.65		
2.8	5.00		
2.9	5.37		
3.0	5.74		
3.1	6.13		
3.2	6.54		
3.3	6.95		
3.4	7.38		
3.5	7.82		

m(kg)	A _{min} (m²)
1.224	Without restriction
1.225	1.43
1.3	1.61
1.4	1.87
1.5	2.15
1.6	2.44
1.7	2.76
1.8	3.09
1.9	3.44
2.0	3.81
2.1	4.20
2.2	4.61
2.3	5.04
2.4	5.49
2.5	5.96
2.6	6.44
2.7	6.95
2.8	7.47
2.9	8.02
3.0	8.58
3.1	9.16
3.2	9.76
3.3	10.38
3.4	11.02
3.5	11.68

Floor-standing units				
m(kg)	A _{min} (m ²)			
1.224	Without restriction			
1.225	12.88			
1.3	14.50			
1.4	16.82			
1.5	19.31			
1.6	21.97			
1.7	24.80			
1.8	27.80			
1.9	30.98			
2.0	34.32			
2.1	37.84			
2.2	41.53			
2.3	45.39			
2.4	49.42			
2.5	53.63			
2.6	58.00			
2.7	62.55			
2.8	67.27			
2.9	72.16			
3.0	77.22			
3.1	82.46			
3.2	87.86			
3.3	93.44			
3.4	99.19			
3.5	105.11			