

High efficiency and reliability

Optimized refrigeration in a compact design



-40 °F to +50 °F
extended
compressor range

Danfoss MLZ scroll compressors for medium temperature applications are dedicated to commercial and light commercial refrigeration applications.

Thanks to their unique scroll design, MLZ scroll compressors deliver a number of powerful advantages, such as reduced energy costs, high-capacity cooling, and an optimized pressure ratio.

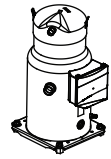
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Technical data and ordering

MLZ - Medium Temperature Scroll Compressors



| Model No. | HP | Nominal capacity (Btu/h)* | | | | Connection Type | Individual packaged | Individual Packaged | |
|-----------|------|---------------------------|--------|--------|--------|---|---------------------|---------------------|---------------|
| | | R-404A | R-449A | R-134a | R-513A | | | Rotolock (in.) | Weight (LBS.) |
| MLZ015 | 2.0 | 15,400 | 14,600 | 9,600 | 9,900 | 1 in.-14UN(2A) x 1 1/4 in.-12UN(2A) | 68 | 121U8709 | 121U8711 |
| MLZ019 | 2.5 | 21,000 | 19,300 | 12,800 | 12,900 | 1 in.-14UN(2A) x 1 1/4 in.-12UN(2A) | 68 | 121U8719 | 121U8723 |
| MLZ021 | 3.0 | 22,500 | 20,500 | 13,600 | 13,700 | 1 in.-14UN(2A) x 1 1/4 in.-12UN(2A) | 68 | 121U8737 | 121U8739 |
| MLZ026 | 3.5 | 27,800 | 25,500 | 16,800 | 17,100 | 1 in.-14UN(2A) x 1 1/4 in.-12UN(2A) | 68 | 121U8751 | 121U8753 |
| MLZ030 | 4.0 | 32,600 | 31,100 | 20,300 | 20,800 | 1 in.-14UN(2A) x 1 1/4 in.-12UN(2A) | 90 | 121U8763 | 121U8765 |
| MLZ038 | 5.0 | 39,300 | 35,700 | 23,900 | 24,700 | 1 in.-14UN(2A) x 1 1/4 in.-12UN(2A) | 90 | 121U8775 | 121U8777 |
| MLZ045 | 6.0 | 47,600 | 44,200 | 28,400 | 29,900 | 1 in.-14UN(2A) x 1 1/4 in.-12UN(2A) | 90 | | 121U8797 |
| MLZ048 | 7.0 | 51,800 | 48,500 | 30,400 | 32,600 | 1 in.-12UN(2A) x 1 1/4 in.-12UN(2A) | 90 | | 121U8807 |
| MLZ058 | 7.5 | 57,900 | 57,300 | 36,700 | 38,000 | 1 1/4 in.-12UN(2A) x 1 3/4 in.-12UN(2A) | 104 | | 121U8817 |
| MLZ076 | 10.0 | 78,800 | 70,300 | 47,300 | 47,400 | 1 1/4 in.-12UN(2A) x 1 3/4 in.-12UN(2A) | 104 | | 121U8835 |

*Nominal capacity @ ASHRAE MT

For the performance data of other refrigerants or conditions, use Coolselector[®]2 (<http://bit.ly/CoolSelector2>) or ODSG (<http://bit.ly/DanfossODSG>). MLZ line is qualified for the following refrigerants: R-404A, R-507, R-134a, R-407A, R-407F, R-448A, R-449A, R-452A and R-513A.

Solder sleeve adapter sets



| Code n° | Description | Application | Packaging | Pack size |
|----------|---|--------------------|-----------|-----------|
| 120Z0126 | Rotolock adaptor set (1-1/4" ~ 3/4"), (1" ~ 1/2") | MLZ015-019-021-026 | Multipack | 6 |
| 120Z0127 | Rotolock adaptor set (1-1/4" ~ 7/8"), (1" ~ 1/2") | MLZ030-038-042-045 | Multipack | 6 |
| 120Z0128 | Rotolock adaptor set (1-1/4" ~ 7/8"), (1-1/4" ~ 3/4") | MLZ048 | Multipack | 6 |
| 120Z0129 | Rotolock adaptor set (1-3/4" ~ 1-1/8"), (1-1/4" ~ 7/8") | MLZ058-066-076 | Multipack | 6 |

Rotolock nuts and sleeves kit



| Code n° | Description | Application | Packaging | Pack size |
|----------|--|----------------|-----------|-----------|
| 120Z5074 | Rotolock nuts 1 1/4 and 1" with sleeves and gaskets | MLZ015-045 | Multipack | 6 |
| 120Z5076 | 2 Rotolock nuts 1 1/4 with sleeves and gaskets | MLZ048 | Multipack | 6 |
| 120Z5075 | Rotolock nuts 1 1/4 and 1 3/4 with sleeves and gaskets | MLZ058-066-076 | Multipack | 6 |

MLZ compressors are also available with braze connections. For further information, contact Danfoss at 1-888-DANFOSS

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