

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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