NEWEX

Experience New

NEWEX INTERNATIONAL CO., LTD

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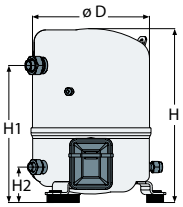
ENGINEERING
TOMORROW

Quick reference

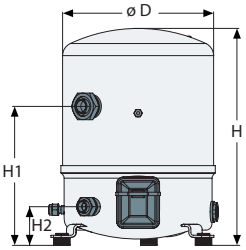
Maneurop® reciprocating compressors **MT - MTZ - NTZ**

50 Hz - R404A - R507 - R407C - R134a - R22 - R407A - R407F

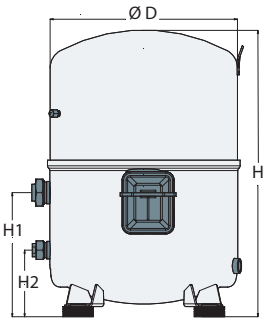
http://cc.danfoss.com



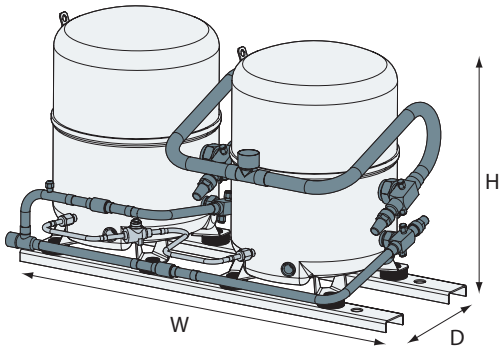
MT / MTZ / NTZ
1 cylinder



MT / MTZ / NTZ
2 cylinders



MT / MTZ / NTZ
4 cylinders



MT / MTZ Tandem
2 x 4 cylinders

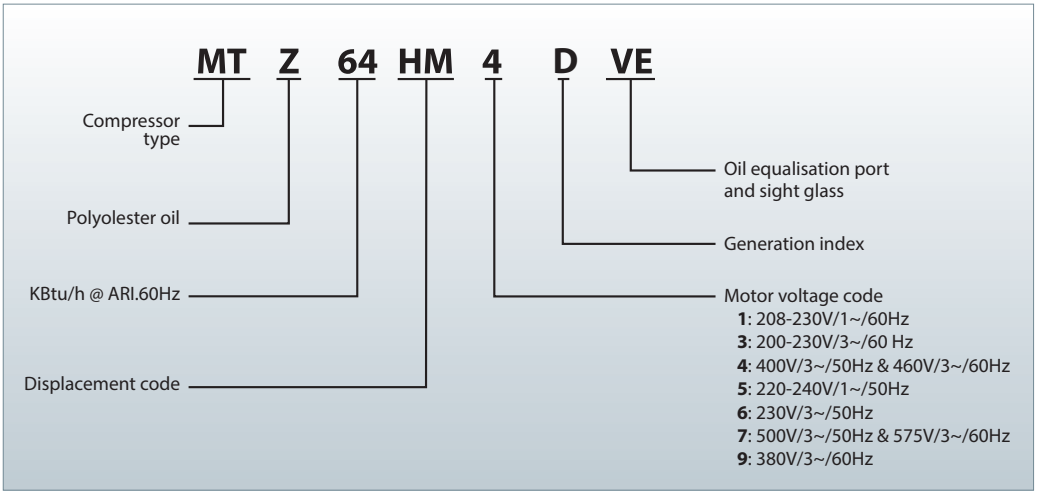
Single compressors (all dimensions in mm)

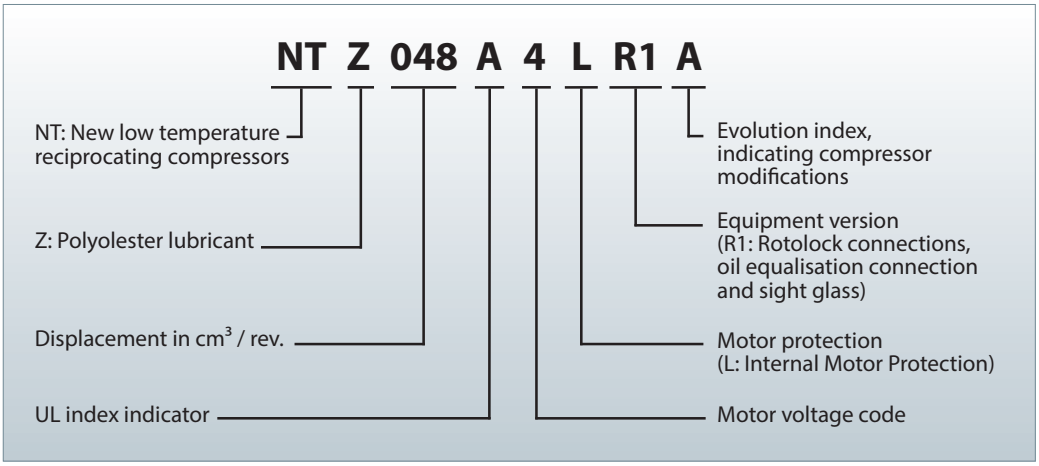
	D	H	H1	H2
1 cylinder	224	333 / 358	263	68
2 cylinders	288	413	265	74
4 cylinders	352	519 / 540	233	128

Tandem model (all dimensions in mm)

	H	D	W
2 x 4 cylinders	544/565	515	925

Nomenclature





	Model	4 460/3/60 400/3/50	5 230/1/50	6 230/3/50	7 575/3/60 500/3/50	Swept volume cm3/rev	Displacement m3/h at 2900 rpm	Cylinder number	Oil charge dm3	Net weight kg
Low back pressure applications	NTZ048	120F0001	120F0087	-	-	48	8.4	1	0.95	21
	NTZ068	120F0002	120F0088	-	-	68	11.8	1	0.95	23
	NTZ096	120F0003	-	-	-	96	16.7	2	1.8	35
	NTZ108	120F0004	-	-	-	108	18.7	2	1.8	35
	NTZ136	120F0005	-	-	-	136	23.6	2	1.8	35
	NTZ215	120F0006	-	-	-	215	37.5	4	3.9	62
	NTZ271	120F0007	-	-	-	271	47.3	4	3.9	64
Medium -High back pressure applications	MT018	MT18-4VI	MT18-5VI	-	-	30	5.3	1	0.95	21
	MT022	MT22-4VI	MT22-5VI	MT22-6VI	-	38	6.6	1	0.95	21
	MT028	MT28-4VI	MT28-5VI	MT28-6VI	-	48	8.4	1	0.95	23
	MT032	MT32-4VI	MT32-5VI	MT32-6VI	-	54	9.4	1	0.95	24
	MT036	MT36-4VI	MT36-5VI	MT36-6VI	-	60	10.5	1	0.95	25
	MT040	MT40-4VI	-	MT40-6VI	-	68	11.8	1	0.95	26
	MT044	MT44-4VI	-	MT44-6VI	-	76	13.3	2	1.8	37
	MT050	MT50-4VI	-	MT50-6VI	MT50-7VI	86	14.9	2	1.8	37
	MT056	MT56-4VI	-	MT56-6VI	MT56-7VI	96	16.7	2	1.8	39
	MT064	MT64-4VI	-	MT64-6VI	-	108	18.7	2	1.8	39
	MT072	MT72-4VI	-	MT72-6VI	-	121	21.0	2	1.8	40
	MT080	MT80-4VI	-	MT80-6VI	-	136	23.6	2	1.8	40
	MT100	MT100-4VI	-	MT100-6VI	MT100-7VI	171	29.8	4	3.9	60
	MT125	MT125-4VI	-	MT125-6VI	MT125-7VI	215	37.5	4	3.9	64
	MT144	MT144-4VI	-	MT144-6VI	MT144-7VI	242	42.1	4	3.9	67
	MT160	MT160-4VI	-	MT160-6VI	MT160-7VI	272	47.3	4	3.9	67
	MTM200	MTM200T4SA	-	-	-	2 x 171	2 x 29.8	2 x 4	2 x 3.9	134
	MTM250	MTM250T4SA	-	-	-	2 x 215	2 x 37.5	2 x 4	2 x 3.9	142
	MTM288	MTM288T4SA	-	-	-	2 x 242	2 x 42.1	2 x 4	2 x 3.9	148
	MTM320	MTM320T4SA	-	-	-	2 x 272	2 x 47.3	2 x 4	2 x 3.9	148
	MTZ018	MTZ18-4VI	MTZ18-5VI	MTZ18-6VI	-	30	5.3	1	0.95	21
	MTZ022	MTZ22-4VI	MTZ22-5VI	MTZ22-6VI	-	38	6.6	1	0.95	21
	MTZ028	MTZ28-4VI	MTZ28-5VI	MTZ28-6VI	-	48	8.4	1	0.95	23
	MTZ032	MTZ32-4VI	MTZ32-5VI	MTZ32-6VI	MTZ32-7VI	54	9.4	1	0.95	24
	MTZ036	MTZ36-4VI	MTZ36-5VI	MTZ36-6VI	MTZ36-7VI	60	10.5	1	0.95	25
	MTZ040	MTZ40-4VI	-	MTZ40-6VI	-	68	11.8	1	0.95	26
	MTZ044	MTZ44-4VI	-	MTZ44-6VI	MTZ44-7VI	76	13.3	2	1.8	37
	MTZ050	MTZ50-4VI	-	MTZ50-6VI	MTZ50-7VI	86	14.9	2	1.8	37
	MTZ056	MTZ56-4VI	-	MTZ56-6VI	MTZ56-7VI	96	16.7	2	1.8	39
	MTZ064	MTZ64-4VI	-	MTZ64-6VI	-	108	18.7	2	1.8	39
	MTZ072	MTZ72-4VI	-	MTZ72-6VI	-	121	21.0	2	1.8	40
	MTZ080	MTZ80-4VI	-	MTZ80-6VI	-	136	23.6	2	1.8	40
	MTZ100	MTZ100-4VI	-	MTZ100-6VI	MTZ100-7VI	171	29.8	4	3.9	60
	MTZ125	MTZ125-4VI	-	MTZ125-6VI	MTZ125-7VI	215	37.5	4	3.9	64
	MTZ144	MTZ144-4VI	-	MTZ144-6VI	MTZ144-7VI	242	42.1	4	3.9	67
	MTZ160	MTZ160-4VI	-	MTZ160-6VI	MTZ160-7VI	272	47.3	4	3.9	67
	MTZ200	MTZ200T4SA	-	-	-	2 x 171	2 x 29.8	2 x 4	2 x 3.9	134
	MTZ250	MTZ250T4SA	-	-	-	2 x 215	2 x 37.5	2 x 4	2 x 3.9	142
	MTZ288	MTZ288T4SA	-	-	-	2 x 242	2 x 42.1	2 x 4	2 x 3.9	148
	MTZ320	MTZ320T4SA	-	-	-	2 x 272	2 x 47.3	2 x 4	2 x 3.9	148

NTZ - R404A/R507

Model	To	-45		-40		-35		-30		-25		-20		-15		-10	
	Tc	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe
NTZ048-4	45	190	0.35	420	0.59	710	0.84	1240	1.09	1700	1.34	2240	1.57	2860	1.79	3570	1.99
NTZ068-4	45	520	1.02	870	1.28	1290	1.54	2110	1.81	2790	2.09	3570	2.38	4490	2.68	5540	2.99
NTZ096-4	45	-	-	910	1.29	1420	1.67	2430	2.09	3360	2.53	4510	2.99	5900	3.48	7550	3.97
NTZ108-4	45	-	-	1120	1.57	1770	2.03	3010	2.49	4080	2.95	5340	3.40	6820	3.85	8530	4.29
NTZ136-4	45	-	-	1570	2.27	2360	2.86	3890	3.47	5200	4.08	6750	4.69	8570	5.29	10710	5.87
NTZ215-4	45	1190	2.31	2240	3.17	3540	4.08	5970	5.01	8030	5.94	10440	6.86	13220	7.72	16420	8.52
NTZ271-4	45	2120	3.57	3470	4.61	5140	5.66	8380	6.73	11050	7.81	14190	8.90	17840	10.00	22040	11.10

Legend: **To:** Evaporating temperature in °C **Tc:** Condensing temperature in °C **Qo:** Cooling capacity in W **Pe:** Power input in kW Superheat = 10K; Subcooling = 0 K Suction temp. = 20°C; Subcooling = 0 K Voltage: 400V / 3 / 50 Hz

MT - R22

Model	To	-25		-20		-15		-10		-5		0		5		10		15	
	Tc	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe		
MT018-4	45	570	0.64	890	0.77	1300	0.88	1810	1.00	2450	1.10	3220	1.19	4150	1.26	5260	1.31	6550	1.33
MT022-4	45	740	0.77	1280	0.95	1920	1.12	2670	1.29	3540	1.44	4560	1.56	5720	1.66	7040	1.73	8550	1.76
MT028-4	45	1460	1.22	2190	1.43	3030	1.63	4000	1.81	5090	1.98	6330	2.11	7720	2.20	9280	2.25	11020	2.24
MT032-4	45	1550	1.46	2310	1.68	3190	1.90	4230	2.11	5440	2.31	6830	2.47	8420	2.60	10240	2.69	12300	2.74
MT036-4	45	1960	1.68	2890	1.90	3950	2.13	5150	2.35	6500	2.56	8020	2.76	9710	2.93	11600	3.07	13680	3.17
MT040-4	45	2050	1.77	3080	2.08	4260	2.39	5590	2.67	7090	2.93	8780	3.15	10670	3.32	12760	3.42	15080	3.45
MT044-4	45	1920	1.70	2760	1.97	3850	2.22	5210	2.46	6880	2.68	8870	2.88	11230	3.07	13970	3.23	17120	3.38
MT050-4	45	2170	1.93	3300	2.31	4660	2.65	6290	2.94	8210	3.20	10460	3.42	13050	3.61	16010	3.77	19380	3.92
MT056-4	45	2680	2.20	3770	2.55	5170	2.88	6910	3.18	9020	3.46	11530	3.72	14490	3.96	17920	4.18	21850	4.38
MT064-4	45	3140	2.40	4580	2.85	6290	3.27	8310	3.64	10670	3.98	13420	4.27	16590	4.53	20200	4.76	24300	4.94
MT072-4	45	3240	2.61	4950	3.20	6960	3.72	9330	4.19	12110	4.60	15320	4.96	19020	5.27	23260	5.54	28070	5.78
MT080-4	45	4230	3.32	6180	3.89	8450	4.41	11100	4.89	14170	5.33	17690	5.72	21720	6.09	26290	6.42	31460	6.72
MT100-4	45	4570	4.06	6650	4.66	9150	5.25	12140	5.79	15690	6.27	19870	6.66	24730	6.94	30360	7.09	36820	7.08
MT125-4	45	6690	5.48	9360	6.17	12550	6.87	16350	7.55	20850	8.18	26120	8.75	32240	9.24	39310	9.63	47400	9.88
MT144-4	45	7700	6.16	10660	6.94	14230	7.71	18510	8.47	23600	9.17	29590	9.81	36590	10.36	44690	10.80	53990	11.09
MT160-4	45	8660	6.93	11920	7.79	15850	8.65	20560	9.49	26170	10.28	32790	11.00	40520	11.61	49470	12.10	59750	12.44
MTM200-4	45	9140	8.12	13300	9.32	18300	10.49	24280	11.58	31380	12.54	39730	13.32	49470	13.89	60720	14.19	73640	14.17
MTM250-4	45	13390	10.95	18720	12.35	25100	13.74	32700	15.09	41690	16.36	52230	17.51	64490	18.49	78630	19.25	94810	19.77
MTM288-4	45	15390	12.32	21320	13.87	28460	15.42	37030	16.93	47200	18.35	59190	19.63	73180	20.72	89380	21.59	107990	22.18
MTM320-4	45	17330	13.86	23840	15.58	31700	17.30	41130	18.99	52350	20.57	65580	22.00	81030	23.22	98930	24.20	119500	24.88

Legend: **To:** Evaporating temperature in °C **Tc:** Condensing temperature in °C **Qo:** Cooling capacity in W **Pe:** Power input in kW Superheat = 11.1 K Subcooling = 8.3 K Voltage: 400 V / 3 / 50 Hz

MTZ - R407C

Model	To	-15		-10		-5		0		5		10		15	
	Tc	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe
MTZ018-4	45	1170	0.82	1750	0.94	2430	1.04	3230	1.13	4170	1.20	5260	1.26	6510	1.30
MTZ022-4	45	1760	1.07	2480	1.24	3320	1.39	4300	1.50	5450	1.60	6770	1.67	8280	1.73
MTZ028-4	45	2150	1.30	3100	1.52	4210	1.72	5500	1.89	7010	2.03	8740	2.13	10730	2.21
MTZ032-4	45	2700	1.50	3730	1.75	4920	1.95	6310	2.12	7920	2.27	9770	2.38	11880	2.48
MTZ036-4	45	3260	1.81	4390	2.10	5690	2.36	7180	2.57	8900	2.74	10850	2.86	13070	2.95
MTZ040-4	45	3870	2.18	5130	2.48	6590	2.74	8270	2.98	10200	3.18	12410	3.35	14930	3.48
MTZ044-4	45	3550	1.97	4900	2.28	6570	2.54	8580	2.76	10980	2.94	13810	3.10	17090	3.24
MTZ050-4	45	4190	2.34	5760	2.70	7630	3.00	9840	3.24	12430	3.45	15460	3.61	18970	3.75
MTZ056-4	45	4520	2.50	6290	2.90	8410	3.24	10930	3.53	13890	3.78	17360	3.98	21370	4.16
MTZ064-4	45	5530	2.91	7460	3.35	9790	3.73	12580	4.05	15880	4.32	19750	4.57	24230	4.79
MTZ072-4	45	6280	3.49	8520	3.96	11200	4.39	14400	4.77	18160	5.11	22540	5.39	27600	5.63
MTZ080-4	45	7260	4.08	9830	4.64	12840	5.12	16380	5.54	20490	5.89	25260	6.19	30730	6.45
MTZ100-4	45	7840	4.81	10990	5.47	14750	6.04	19220	6.52	24470	6.92	30590	7.26	37650	7.56
MTZ125-4	45	11460	6.13	15420	6.97	20060	7.69	25500	8.31	31820	8.84	39140	9.30	47550	9.69
MTZ144-4	45	12610	7.07	16970	7.92	22120	8.70	28160	9.42	35210	10.04	43380	10.58	52780	11.01
MTZ160-4	45	15310	8.21	20110	9.20	25770	10.09	32430	10.91	40220	11.68	49270	12.42	59700	13.16
MTZ200-4	45	15690	9.61	21980	10.94	29510	12.08	38450	13.03	48950	13.84	61180	14.53	75300	15.11
MTZ250-4	45	22930	12.26	30840	13.93	40120	15.37	50990	16.61	63640	17.68	78280	18.59	95100	19.38
MTZ288-4	45	25220	14.13	33940	15.83	44230	17.41	56320	18.83	70420	20.09	86760	21.16	105560	22.02
MTZ320-4	45	30630	16.42	40210	18.39	51540	20.17	64860	21.81	80450	23.36	98540	24.85	119400	26.32

Legend: **To:** Evaporating temperature in °C **Tc:** Condensing temperature in °C **Qo:** Cooling capacity in W **Pe:** Power input in kW Superheat = 11.1 K Subcooling = 8.3 K Voltage: 400 V / 3 / 50 Hz

MTZ - R134a

Model	To	-15		-10		-5		0		5		10		15		20	
	Tc	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe
MTZ018-4	45	700	0.61	1050	0.69	1470	0.76	1970	0.82	2570	0.87	3270	0.91	4090	0.93	5020	0.93
MTZ022-4	45	940	0.72	1370	0.82	1900	0.91	2550	0.99	3320	1.06	4240	1.11	5310	1.15	6560	1.16
MTZ028-4	45	1230	0.91	1720	1.02	2350	1.13	3130	1.24	4090	1.34	5260	1.43	6650	1.51	8300	1.58
MTZ032-4	45	1430	1.09	2020	1.25	2770	1.40	3690	1.54	4810	1.66	6160	1.76	7760	1.83	9630	1.86
MTZ036-4	45	2050	1.30	2740	1.45	3580	1.60	4590	1.74	5780	1.87	7170	1.97	8790	2.05	10660	2.10
MTZ040-4	45	2450	1.47	3160	1.61	4000	1.75	4980	1.89	6100	2.01	7390	2.12	8860	2.21	10520	2.27
MTZ044-4	45	2080	1.29	2910	1.49	3940	1.68	5190	1.83	6710	1.95	8540	2.05	10710	2.13	13270	2.17
MTZ050-4	45	2360	1.57	3340	1.80	4560	2.00	6040	2.17	7820	2.31	9950	2.43	12470	2.51	15410	2.57
MTZ056-4	45	2290	1.64	3380	1.88	4730	2.11	6400	2.31	8420	2.49	10820	2.65	13650	2.77	16940	2.86
MTZ064-4	45	2700	1.87	4010	2.17	5600	2.43	7510	2.67	9780	2.87	12440	3.04	15550	3.18	19130	3.27
MTZ072-4	45	3200	2.16	4660	2.50	6430	2.81	8560	3.08	11090	3.33	14070	3.54	17540	3.74	21560	3.92
MTZ080-4	45	4130	2.59	5700	2.93	7620	3.24	9950	3.54	12740	3.80	16040	4.05	19920	4.28	24430	4.48
MTZ100-4	45	4660	3.25	6550	3.65	8860	4.02	11680	4.35	15050	4.63	19050	4.84	23730	4.96	29170	4.98
MTZ125-4	45	5870	3.63	8230	4.17	11090	4.69	14520	5.16	18590	5.57	23380	5.89	28960	6.09	35390	6.18
MTZ144-4	45	7880	4.85	10680	5.40	14060	5.94	18090	6.46	22850	6.93	28420	7.34	34870	7.67	42290	7.92
MTZ160-4	45	8770	5.23	11800	5.84	15470	6.45	19890	7.06	25130	7.65	31300	8.21	38480	8.72	46770	9.18
MTZ200-4	45	9320	6.50	13090	7.29	17730	8.04	23350	8.70	30100	9.26	38090	9.68	47460	9.92	58340	9.96
MTZ250-4	45	11740	7.25	16460	8.35	22180	9.39	29040	10.33	37190	11.14	46770	11.77	57910	12.19	70770	12.35
MTZ288-4	45	15750	9.71	21370	10.81	28130	11.89	36190	12.91	45710	13.85	56840	14.67	69750	15.35	84590	15.84
MTZ320-4	45	17540	10.46	23600	11.67	30950	12.90	39780	14.11	50260	15.29	62600	16.41	76960	17.44	93530	18.37

Legend: **To:** Evaporating temperature in °C **Tc:** Condensing temperature in °C **Qo:** Cooling capacity in W **Pe:** Power input in kW Superheat = 10 K Subcooling = 0 K Voltage: 400 V / 3 / 50 Hz

MTZ - R404A/R507

Model	To	-30		-25		-20		-15		-10		-5		0		5		10	
	Tc	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe
MTZ018-4	45	390	0.69	650	0.83	980	0.97	1400	1.09	1900	1.21	2520	1.31	3250	1.40	4110	1.47	5120	1.53
MTZ022-4	45	640	0.86	980	1.03	1410	1.19	1960	1.34	2620	1.48	3440	1.61	4410	1.72	5550	1.82	6880	1.90
MTZ028-4	45	760	1.05	1250	1.30	1850	1.53	2570	1.75	3430	1.96	4450	2.14	5640	2.31	7040	2.45	8640	2.56
MTZ032-4	45	1040	1.20	1580	1.46	2240	1.71	3030	1.94	3980	2.16	5110	2.36	6440	2.55	7980	2.71	9760	2.86
MTZ036-4	45	1300	1.50	1930	1.78	2690	2.06	3600	2.33	4670	2.58	5930	2.81	7400	3.01	9100	3.19	11050	3.34
MTZ040-4	45	1600	1.70	2320	2.05	3160	2.37	4160	2.67	5330	2.95	6700	3.21	8290	3.44	10130	3.65	12230	3.84
MTZ044-4	45	1360	1.60	2100	1.94	2990	2.25	4070	2.53	5370	2.78	6910	3.00	8740	3.20	10890	3.38	13370	3.54
MTZ050-4	45	1700	1.94	2500	2.29	3510	2.62	4750	2.93	6260	3.22	8070	3.48	10220	3.71	12740	3.91	15680	4.07
MTZ056-4	45	1730	2.04	2620	2.43	3710	2.81	5060	3.17	6710	3.51	8690	3.83	11060	4.11	13840	4.36	17090	4.57
MTZ064-4	45	2160	2.32	3200	2.83	4480	3.32	6060	3.78	7980	4.20	10300	4.60	13070	4.96	16330	5.28	20150	5.55
MTZ072-4	45	2550	2.74	3670	3.25	5080	3.75	6810	4.23	8920	4.69	11450	5.11	14450	5.51	17970	5.87	22050	6.19
MTZ080-4	45	3170	3.15	4530	3.85	6170	4.48	8130	5.07	10470	5.61	13230	6.11	16470	6.57	20240	7.01	24580	7.41
MTZ100-4	45	3240	4.01	4930	4.80	6960	5.53	9390	6.18	12280	6.76	15700	7.27	19710	7.70	24370	8.06	29760	8.34
MTZ125-4	45	4660	5.16	6620	6.02	9060	6.86	12060	7.67	15710	8.44	20080	9.16	25250	9.83	31300	10.44	38310	10.98
MTZ144-4	45	5700	6.08	8060	7.05	10920	8.00	14370	8.91	18490	9.78	23380	10.60	29110	11.36	35770	12.06	43450	12.69
MTZ160-4	45	6280	6.80	8870	7.95	12010	9.04	15790	10.08	20310	11.08	25640	12.05	31900	13.01	39160	13.98	47540	14.95
MTZ200-4	45	6480	8.02	9860	9.60	13920	11.05	18770	12.36	24560	13.52	31400	14.53	39420	15.39	48750	16.11	59510	16.68
MTZ250-4	45	9320	10.32	13230	12.05	18110	13.73	24120	15.34	31420	16.88	40160	18.32	50500	19.66	62600	20.88	76620	21.96
MTZ288-4	45	11410	12.17	16120	14.11	21840	16.00	28740	17.82	36990	19.56	46760	21.20	58220	22.72	71550	24.12	86900	25.37
MTZ320-4	45	12550	13.61	17740	15.90	24030	18.08	31590	20.15	40610	22.15	51280	24.10	63790	26.03	78330	27.95	95070	29.90

Legend: **To:** Evaporating temperature in °C **Tc:** Condensing temperature in °C **Qo:** Cooling capacity in W **Pe:** Power input in kW Superheat = 10 K Subcooling = 0 K Voltage: 400 V / 3 / 50 Hz

MTZ - R407A

Model	To	-30		-25		-20		-15		-10		-5		0		5		10	
	Tc	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe
MTZ018-4	45	260	0.49	510	0.63	830	0.76	1240	0.90	1740	1.02	2340	1.14	3070	1.24	3930	1.32	4940	1.39
MTZ022-4	45	430	0.60	760	0.77	1190	0.94	1730	1.10	2390	1.26	3200	1.40	4170	1.53	5300	1.64	6630	1.72
MTZ028-4	45	510	0.74	990	0.99	1570	1.23	2280	1.46	3130	1.67	4140	1.86	5330	2.03	6720	2.19	8330	2.32
MTZ032-4	45	700	0.85	1240	1.11	1890	1.37	2690	1.61	3630	1.84	4760	2.05	6080	2.25	7630	2.43	9400	2.59
MTZ036-4	45	870	1.06	1510	1.35	2270	1.64	3180	1.92	4260	2.19	5520	2.44	7000	2.66	8700	2.86	10670	3.03
MTZ040-4	45	1070	1.21	1830	1.56	2700	1.90	3710	2.22	4890	2.51	6250	2.79	7840	3.04	9670	3.27	11760	3.47
MTZ044-4	45	920	1.13	1630	1.47	2520	1.79	3590	2.09	4890	2.36	6440	2.60	8270	2.83	10410	3.03	12890	3.20
MTZ050-4	45	1140	1.36	1940	1.73	2950	2.08	4190	2.42	5700	2.73	7520	3.02	9670	3.28	12190	3.50	15120	3.69
MTZ056-4	45	1160	1.43	2030	1.84	3120	2.24	4470	2.62	6120	2.98	8100	3.32	10460	3.63	13240	3.91	16480	4.15
MTZ064-4	45	1450	1.64	2480	2.15	3760	2.64	5340	3.12	7270	3.57	9600	3.99	12360	4.38	15620	4.73	19420	5.03
MTZ072-4	45	1710	1.93	2850	2.46	4260	2.98	6010	3.49	8130	3.98	10670	4.44	13680	4.88	17190	5.27	21260	5.61
MTZ080-4	45	2130	2.23	3520	2.91	5190	3.57	7180	4.18	9540	4.76	12330	5.31	15590	5.81	19360	6.28	23710	6.72
MTZ100-4	45	2170	2.83	3860	3.64	5880	4.41	8300	5.11	11200	5.74	14620	6.31	18640	6.80	23310	7.22	28700	7.56
MTZ125-4	45	3130	3.65	5130	4.56	7610	5.46	10650	6.33	14330	7.17	18710	7.96	23890	8.70	29950	9.36	36940	9.95
MTZ144-4	45	3830	4.33	6270	5.37	9190	6.39	12700	7.38	16870	8.32	21780	9.21	27540	10.04	34220	10.81	41910	11.49
MTZ160-4	45	4220	4.84	6900	6.05	10120	7.21	13960	8.33	18520	9.42	23890	10.48	30180	11.51	37470	12.53	45860	13.53
MTZ200-4	45	4300	5.65	7700	7.29	11800	8.81	16600	10.21	22400	11.48	29200	12.61	37300	13.60	46600	14.44	57400	15.13
MTZ250-4	45	6300	7.31	10300	9.12	15200	10.91	21300	12.66	28700	14.34	37400	15.92	47800	17.39	59900	18.73	73890	19.89
MTZ288-4	45	7700	8.66	12500	10.74	18400	12.78	25400	14.75	33700	16.64	43600	18.42	55100	20.09	68400	21.61	83830	22.99
MTZ320-4	45	8400	9.69	13800	12.10	20200	14.42	27900	16.66	37000	18.84	47800	20.96	60400	23.02	74900	25.06	91720	27.06

Legend: **To:** Evaporating temperature in °C **Tc:** Condensing temperature in °C **Qo:** Cooling capacity in W **Pe:** Power input in kW Superheat = 10 K Subcooling = 0 K Voltage: 400 V / 3 / 50 Hz

MTZ - R407F

Model	To	-25		-20		-15		-10		-5		0		5		10	
	Tc	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe
MTZ018-4	45	540	0.70	890	0.83	1320	0.96	1850	1.08	2490	1.20	3260	1.30	4170	1.39	5230	1.44
MTZ022-4	45	810	0.86	1270	1.02	1840	1.18	2540	1.33	3400	1.48	4410	1.61	5620	1.72	7030	1.80
MTZ028-4	45	1030	1.09	1660	1.31	2420	1.54	3320	1.76	4390	1.97	5650	2.15	7130	2.31	8830	2.42
MTZ032-4	45	1310	1.22	2010	1.46	2850	1.70	3860	1.94	5050	2.17	6450	2.38	8080	2.56	9970	2.71
MTZ036-4	45	1610	1.49	2430	1.76	3390	2.04	4520	2.32	5860	2.57	7410	2.81	9210	3.01	11290	3.16
MTZ040-4	45	1930	1.71	2850	2.02	3920	2.34	5170	2.65	6620	2.94	8300	3.21	10250	3.44	12480	3.63
MTZ044-4	45	1750	1.62	2690	1.92	3830	2.21	5200	2.49	6830	2.75	8760	2.99	11020	3.19	13660	3.35
MTZ050-4	45	2090	1.88	3160	2.24	4470	2.58	6060	2.90	7970	3.19	10240	3.44	12910	3.67	16020	3.85
MTZ056-4	45	2180	2.04	3340	2.40	4770	2.78	6500	3.16	8590	3.51	11080	3.84	14020	4.11	17460	4.33
MTZ064-4	45	2670	2.38	4040	2.84	5700	3.31	7730	3.78	10180	4.22	13100	4.63	16540	4.97	20580	5.25
MTZ072-4	45	3060	2.74	4570	3.21	6410	3.71	8640	4.21	11310	4.69	14480	5.14	18190	5.53	22520	5.85
MTZ080-4	45	3790	3.23	5560	3.84	7650	4.44	10140	5.04	13070	5.61	16500	6.13	20490	6.60	25100	7.01
MTZ100-4	45	4090	4.01	6270	4.73	8840	5.42	11900	6.07	15500	6.66	19740	7.18	24680	7.59	30400	7.89
MTZ125-4	45	5520	5.07	8160	5.88	11360	6.73	15220	7.58	19830	8.41	25290	9.17	31700	9.84	39130	10.38
MTZ144-4	45	6730	5.92	9840	6.85	13530	7.81	17910	8.78	23090	9.72	29160	10.60	36220	11.36	44370	11.99
MTZ160-4	45	7420	6.70	10820	7.75	14870	8.84	19670	9.95	25320	11.05	31950	12.13	39650	13.16	48540	14.12
MTZ200-4	45	8200	8.01	12500	9.45	17700	10.84	23800	12.14	31000	13.33	39500	14.35	49400	15.18	60800	15.78
MTZ250-4	45	11000	10.14	16300	11.76	22700	13.46	30400	15.16	39700	16.81	50600	18.34	63400	19.67	78300	20.75
MTZ288-4	45	13500	11.85	19700	13.69	27100	15.62	35800	17.57	46200	19.45	58300	21.19	72400	22.73	88700	23.98
MTZ320-4	45	14800	13.40	21700	15.50	29700	17.68	39300	19.90	50600	22.11	63900	24.27	79300	26.32	97100	28.23

Legend: **To:** Evaporating temperature in °C **Tc:** Condensing temperature in °C **Qo:** Cooling capacity in W **Pe:** Power input in kW Superheat = 10 K Subcooling = 0 K Voltage: 400 V / 3 / 50 Hz

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