

TECHNICAL DATA SHEET



TMH

**WATER COOLED CHILLER
WITH CENTRIFUGAL
COMPRESSORS FOR
INDOOR INSTALLATION**



TMH 200 - 2.500 kW

TMH

Water cooled chiller with centrifugal compressors for indoor installation



Centrifugal compressors
Flooded evaporator (R134a)
Dry expansion evaporator (HFO-1234ze)

R134a

HFO
1234ze

General Description

Available on several models equipped with one or more centrifugal compressors, dimensioned to be used with refrigerant type R134a or with the new HFO-1234ze low GWP refrigerant.

The units of the TMH series are assembled on a strong self-supporting metal screwed and welded structure, painted with epoxy powder with anti-rust coating for outdoor installation.

All units are supplied completely wired and ready to be connected to the user's plant. Prior to delivery every machine is submitted to a performance test, with intervention tests of all the safety systems and components installed.

Each unit is available with low-speed fans and compressor sound insulation kit (Low Noise LN version or Super Low Noise LLN) for installation in areas where sound levels must be kept to a minimum.

Typical units dimensions

Length: from 2.800 to 6.000 mm

Width: from 1.000 to 2.250 mm

Height: from 1.830 to 2.100 mm

Operating Weight: from 1.841 kg to 10.236 kg



2.800



6.000



Length from 2.800 mm to 6.000 mm

TMH for Dry Cooler connection

R134a

Water cooled chiller with centrifugal compressors for indoor installation

| TMH for Dry Cooler connection | | TMH 1A 200 DC | TMH 1A 250 DC | TMH 1A 300 DC | TMH 1B 350 DC | TMH 1B 400 DC | TMH 2A 500 DC |
|--|---------|------------------|------------------|------------------|------------------|------------------|------------------|
| CHILLER PERFORMANCE | | | | | | | |
| Refrigerant | | R134a | R134a | R134a | R134a | R134a | R134a |
| Total cooling capacity | kW | 200 | 250 | 300 | 350 | 400 | 500 |
| Nominal power input | kW | 51,9 | 63,6 | 78,9 | 91,7 | 106,5 | 127,2 |
| E.E.R. | Coef. | 3,85 | 3,93 | 3,80 | 3,82 | 3,76 | 3,93 |
| Energy class | | D | D | E | E | E | D |
| E.S.E.E.R. | Coef. | 7,52 | 7,78 | 7,83 | 7,56 | 7,68 | 8,01 |
| Noise Pressure Level | dB(A) | 55,00 | 55,00 | 55,00 | 59,00 | 59,00 | 59,00 |
| Distance | m | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 |
| WORKING CONDITIONS | | | | | | | |
| Compressors type (*1) | Type | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free |
| Compressors number | n° | 1 | 1 | 1 | 1 | 1 | 2 |
| Evaporator type (*3) | Type | FL | FL | FL | FL | FL | FL |
| Evap. inlet water temperature | °C | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 |
| Evap. outlet water temperature | °C | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 |
| Condenser type (*2) | Type | S&T | S&T | S&T | S&T | S&T | S&T |
| Inlet water condensing temperature | °C | 39,00 | 39,00 | 39,00 | 39,00 | 39,00 | 39,00 |
| Outlet water condensing temperature | °C | 45,00 | 45,00 | 45,00 | 45,00 | 45,00 | 45,00 |
| Power circuit voltage | V/Ph/Hz | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 |
| Control circuit voltage | V/Ph/Hz | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 |
| Total power input | kW | 51,9 | 63,6 | 78,9 | 91,7 | 106,5 | 127,2 |
| Total running current | A | 83,3 | 101,0 | 124,1 | 150,9 | 174,1 | 202,0 |
| Total max current | A | 140,0 | 140,0 | 140,0 | 210,0 | 210,0 | 280,0 |
| Total starting current | A | 5,0 | 5,0 | 5,0 | 5,0 | 5,0 | 106,0 |
| DIMENSIONS | | | | | | | |
| Length with cabinet | mm | 2800 | 2800 | 2800 | 3000 | 3000 | 3400 |
| Width | mm | 1000 | 1000 | 1000 | 1000 | 1000 | 1250 |
| Height | mm | 1630 | 1630 | 1630 | 1830 | 1830 | 2100 |
| Shipping weight | kg | 1790 | 2080 | 2170 | 2300 | 2560 | 3050 |
| Operating weight | kg | 1841 | 2149 | 2254 | 2396 | 2673 | 3175 |
| (*1) Oil Free: Centrifugal Oil Free Compressor | | | | | | | |
| (*2) S&T: Shell and tube | | | | | | | |
| (*3) FL: Flooded | | | | | | | |

TMH for Dry Cooler connection

Water cooled chiller with centrifugal compressors for indoor installation

| TMH 2A 600 DC | TMH 2B 700 DC | TMH 2B 800 DC | TMH 3A 900 DC | TMH 3B 1000 DC | TMH 3B 1100 DC | TMH 3B 1200 DC | TMH 3B 1300 DC | TMH 4B 1400 DC | TMH 4B 1600 DC | TMH 5B 1800 DC |
|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | | | | | | | | | |
| R134a | R134a | R134a | R134a | R134a | R134a | R134a | R134a | R134a | R134a | R134a |
| 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1600 | 1800 |
| 157,8 | 183,4 | 213,0 | 236,7 | 263,4 | 288,3 | 319,5 | 363,3 | 366,8 | 426,0 | 471,5 |
| 3,80 | 3,82 | 3,76 | 3,80 | 3,80 | 3,82 | 3,76 | 3,58 | 3,82 | 3,76 | 3,82 |
| E | E | E | E | E | E | E | E | E | E | E |
| 7,83 | 7,93 | 7,68 | 8,02 | 7,75 | 7,85 | 7,92 | 7,93 | 7,93 | 7,85 | 7,94 |
| 59,00 | 63,00 | 63,00 | 60,00 | 64,00 | 64,00 | 64,00 | 64,00 | 66,00 | 66,00 | 66,00 |
| 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 |
| | | | | | | | | | | |
| Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free |
| 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 5 |
| FL | FL | FL | FL | FL | FL | FL | FL | FL | FL | FL |
| 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 |
| 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 |
| S&T | S&T | S&T | S&T | S&T | S&T | S&T | S&T | S&T | S&T | S&T |
| 39,00 | 39,00 | 39,00 | 39,00 | 39,00 | 39,00 | 39,00 | 39,00 | 39,00 | 39,00 | 39,00 |
| 45,00 | 45,00 | 45,00 | 45,00 | 45,00 | 45,00 | 45,00 | 45,00 | 45,00 | 45,00 | 45,00 |
| 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 |
| 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 |
| 157,8 | 183,4 | 213,0 | 236,7 | 263,4 | 288,3 | 319,5 | 363,3 | 366,8 | 426,0 | 471,5 |
| 248,2 | 301,8 | 348,2 | 372,3 | 434,4 | 473,1 | 522,3 | 590,7 | 603,6 | 696,4 | 774,5 |
| 280,0 | 420,0 | 420,0 | 420,0 | 630,0 | 630,0 | 630,0 | 630,0 | 840,0 | 840,0 | 1050,0 |
| 129,1 | 155,9 | 179,1 | 253,2 | 294,6 | 320,4 | 353,2 | 398,8 | 457,7 | 527,3 | 624,6 |
| | | | | | | | | | | |
| 3400 | 3400 | 3400 | 4000 | 4000 | 4000 | 4000 | 4000 | 5700 | 5700 | 6000 |
| 1250 | 1250 | 1250 | 1600 | 1600 | 1600 | 1600 | 1600 | 1600 | 1600 | 1600 |
| 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 |
| 3470 | 3590 | 3900 | 4430 | 4970 | 5090 | 5270 | 5300 | 6660 | 7200 | 7770 |
| 3635 | 3780 | 4114 | 4668 | 5239 | 5385 | 5601 | 5627 | 7048 | 7641 | 8261 |

TMH for Dry Cooler connection

R134a

Water cooled chiller with centrifugal compressors for indoor installation

| TMH for Dry Cooler connection | | TMH 5B 2000 DC | TMH 6B 2200 DC | TMH 6B 2400 DC | | | |
|--|---------|-------------------|-------------------|-------------------|--|--|--|
| CHILLER PERFORMANCE | | | | | | | |
| Refrigerant | | R134a | R134a | R134a | | | |
| Total cooling capacity | Kw | 2000 | 2200 | 2400 | | | |
| Nominal power input | Kw | 532,5 | 576,6 | 639,0 | | | |
| E.E.R. | Coef. | 3,76 | 3,82 | 3,76 | | | |
| Energy class | | E | E | E | | | |
| E.S.E.E.R. | Coef. | 7,97 | 8,01 | 7,92 | | | |
| Noise Pressure Level | dB(A) | 66,00 | 67,00 | 67,00 | | | |
| Distance | m | 10,00 | 10,00 | 10,00 | | | |
| WORKING CONDITIONS | | | | | | | |
| Compressors type (*1) | Type | Oil Free | Oil Free | Oil Free | | | |
| Compressors number | n° | 5 | 6 | 6 | | | |
| Evaporator type (*3) | Type | FL | FL | FL | | | |
| Evap. inlet water temperature | °C | 12,0 | 12,0 | 12,0 | | | |
| Evap. outlet water temperature | °C | 6,0 | 6,0 | 6,0 | | | |
| Condenser type (*2) | Type | S&T | S&T | S&T | | | |
| Inlet water condensing temperature | °C | 39,00 | 39,00 | 39,00 | | | |
| Outlet water condensing temperature | °C | 45,00 | 45,00 | 45,00 | | | |
| Power circuit voltage | V/Ph/Hz | 400-3-50 | 400-3-50 | 400-3-50 | | | |
| Control circuit voltage | V/Ph/Hz | 230-1-50 | 230-1-50 | 230-1-50 | | | |
| Total power input | Kw | 532,5 | 576,6 | 639,0 | | | |
| Total running current | A | 870,5 | 946,2 | 1044,6 | | | |
| Total max current | A | 1050,0 | 1260,0 | 1260,0 | | | |
| Total starting current | A | 701,4 | 793,5 | 875,5 | | | |
| DIMENSIONS | | | | | | | |
| Length with cabinet | mm | 6000 | 6000 | 6000 | | | |
| Width | mm | 1600 | 1600 | 1600 | | | |
| Height | mm | 2100 | 2100 | 2100 | | | |
| Shipping weight | kg | 8700 | 9180 | 9560 | | | |
| Operating weight | kg | 9258 | 9790 | 10236 | | | |
| (*1) Oil Free: Centrifugal Oil Free Compressor (*2) S&T: Shell and tube (*3) FL: Flooded | | | | | | | |



TMH for Dry Cooler connection



HFO
1234ze

Water cooled chiller with centrifugal compressors for indoor installation

| TMH for Dry Cooler connection | | TMH 1Z 200 DC | TMH 1Z 250 DC | TMH 1Z 300 DC | TMH 1Z 350 DC | TMH 2Z 400 DC | TMH 2Z 500 DC |
|--|---------|------------------|------------------|------------------|------------------|------------------|------------------|
| CHILLER PERFORMANCE | | | | | | | |
| Refrigerant | | HFO-1234ze | HFO-1234ze | HFO-1234ze | HFO-1234ze | HFO-1234ze | HFO-1234ze |
| Total cooling capacity | kW | 200 | 250 | 300 | 350 | 400 | 500 |
| Nominal power input | kW | 52,4 | 61,9 | 76,8 | 92,9 | 104,8 | 123,8 |
| E.E.R. | Coef. | 3,82 | 4,04 | 3,91 | 3,77 | 3,82 | 4,04 |
| Energy class | | E | D | D | E | E | D |
| E.S.E.E.R. | Coef. | 7,62 | 7,98 | 8,18 | 8,34 | 8,37 | 8,43 |
| Noise Pressure Level | dB(A) | 58,00 | 58,00 | 58,00 | 58,00 | 62,00 | 62,00 |
| Distance | m | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 |
| WORKING CONDITIONS | | | | | | | |
| Compressors type (*1) | Type | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free |
| Compressors number | n° | 1 | 1 | 1 | 1 | 1 | 2 |
| Evaporator type (*2) | Type | S&T | S&T | S&T | S&T | S&T | S&T |
| Evap. inlet water temperature | °C | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 |
| Evap. outlet water temperature | °C | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 |
| Condenser type (*2) | Type | S&T | S&T | S&T | S&T | S&T | S&T |
| Inlet water condensing temperature | °C | 39,00 | 39,00 | 39,00 | 39,00 | 39,00 | 39,00 |
| Outlet water condensing temperature | °C | 45,00 | 45,00 | 45,00 | 45,00 | 45,00 | 45,00 |
| Power circuit voltage | V/Ph/Hz | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 |
| Control circuit voltage | V/Ph/Hz | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 |
| Total power input | kW | 52,4 | 61,9 | 76,8 | 92,9 | 104,8 | 123,8 |
| Total running current | A | 88,0 | 102,7 | 125,9 | 151,1 | 176,0 | 205,4 |
| Total max current | A | 210,0 | 210,0 | 210,0 | 210,0 | 420,0 | 420,0 |
| Total starting current | A | 5,0 | 5,0 | 5,0 | 5,0 | 93,0 | 107,7 |
| DIMENSIONS | | | | | | | |
| Length with cabinet | mm | 4200 | 4200 | 4200 | 4200 | 4600 | 4600 |
| Width | mm | 1000 | 1000 | 1000 | 1000 | 1000 | 1250 |
| Height | mm | 1630 | 1630 | 1630 | 1830 | 1830 | 2100 |
| Shipping weight | kg | 2440 | 2470 | 2590 | 2740 | 3270 | 3520 |
| Operating weight | kg | 2588 | 2618 | 2748 | 2953 | 3497 | 3871 |
| (*1) Oil Free: Centrifugal Oil Free Compressor (*2) S&T: Shell and tube | | | | | | | |

TMH for Dry Cooler connection

Water cooled chiller with centrifugal compressors for indoor installation

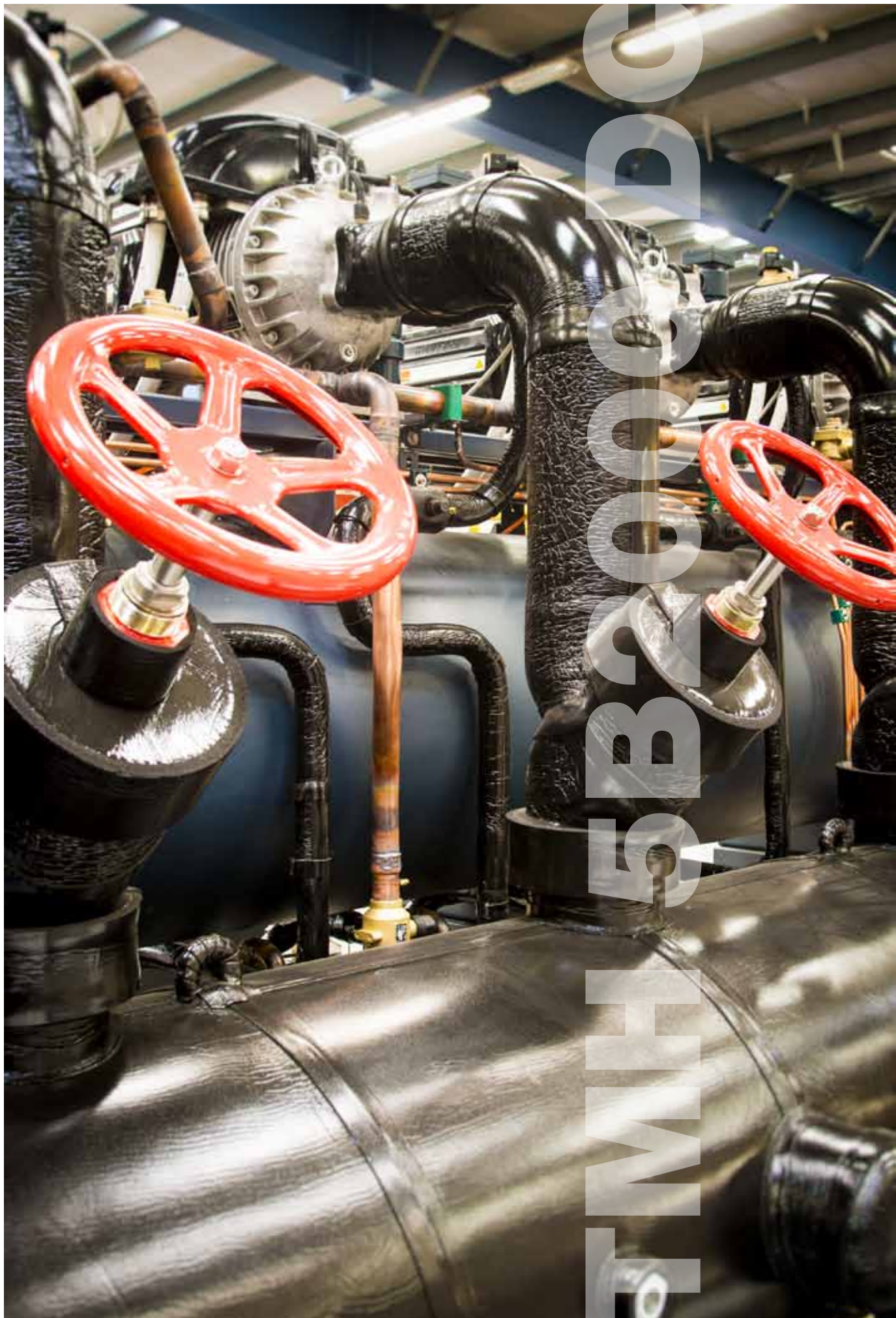
| TMH 2Z 600 DC | TMH 2Z 700 DC | TMH 3Z 800 DC | TMH 3Z 900 DC | TMH 3Z 1000 DC | TMH 3Z 1050 DC | TMH 4Z 1200 DC | TMH 4Z 1300 DC | TMH 4Z 1400 DC | TMH 6Z 1600 DC | TMH 6Z 1800 DC |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | | | | | | | | | |
| HFO-1234ze | HFO-1234ze | HFO-1234ze | HFO-1234ze | HFO-1234ze | HFO-1234ze | HFO-1234ze | HFO-1234ze | HFO-1234ze | HFO-1234ze | HFO-1234ze |
| 600 | 700 | 800 | 900 | 1000 | 1050 | 1200 | 1300 | 1400 | 1600 | 1800 |
| 154,4 | 185,8 | 198,6 | 231,6 | 276,6 | 278,7 | 308,8 | 356,4 | 371,6 | 397,2 | 463,2 |
| 3,89 | 3,77 | 4,03 | 3,89 | 3,62 | 3,77 | 3,89 | 3,65 | 3,77 | 4,03 | 3,89 |
| D | E | D | D | E | E | D | E | E | D | D |
| 8,18 | 8,34 | 8,47 | 8,52 | 8,56 | 8,33 | 8,48 | 8,51 | 8,54 | 8,58 | 8,56 |
| 62,00 | 62,00 | 63,00 | 63,00 | 63,00 | 63,00 | 65,00 | 65,00 | 65,00 | 66,00 | 66,00 |
| 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 |
| | | | | | | | | | | |
| Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free |
| 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 6 | 6 |
| S&T | S&T | S&T | S&T | S&T | S&T | S&T | S&T | S&T | S&T | S&T |
| 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 |
| 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 |
| S&T | S&T | S&T | S&T | S&T | S&T | S&T | S&T | S&T | S&T | S&T |
| 39,00 | 39,00 | 39,00 | 39,00 | 39,00 | 39,00 | 39,00 | 39,00 | 39,00 | 39,00 | 39,00 |
| 45,00 | 45,00 | 45,00 | 45,00 | 45,00 | 45,00 | 45,00 | 45,00 | 45,00 | 45,00 | 45,00 |
| 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 |
| 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 |
| 154,4 | 185,8 | 198,6 | 231,6 | 276,6 | 278,7 | 308,8 | 356,4 | 371,6 | 397,2 | 463,2 |
| 253,0 | 302,2 | 327,9 | 379,5 | 450,0 | 453,3 | 506,0 | 580,4 | 604,4 | 655,8 | 759,0 |
| 420,0 | 420,0 | 630,0 | 630,0 | 630,0 | 630,0 | 840,0 | 840,0 | 840,0 | 1260,0 | 1260,0 |
| 131,5 | 156,1 | 223,6 | 258,0 | 305,0 | 307,2 | 384,5 | 440,3 | 458,3 | 551,5 | 637,5 |
| | | | | | | | | | | |
| 4600 | 4600 | 4600 | 4600 | 4600 | 5000 | 5000 | 5000 | 5000 | 6000 | 6000 |
| 1250 | 1250 | 1250 | 1600 | 1600 | 1600 | 2250 | 2250 | 2250 | 2250 | 2250 |
| 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 |
| 3610 | 3660 | 4320 | 4400 | 4690 | 4770 | 5820 | 5890 | 6050 | 7690 | 7690 |
| 3961 | 4016 | 4864 | 4947 | 5271 | 5334 | 6522 | 6617 | 6794 | 8799 | 8799 |

TMH for Dry Cooler connection

HFO
1234ze

Water cooled chiller with centrifugal compressors for indoor installation

| TMH for Dry Cooler connection | | TMH 6Z 1900 DC | TMH 6Z 2000 DC | TMH 6Z 2100 DC | | | |
|--|---------|-------------------|-------------------|-------------------|--|--|--|
| CHILLER PERFORMANCE | | | | | | | |
| Refrigerant | | HFO-1234ze | HFO-1234ze | HFO-1234ze | | | |
| Total cooling capacity | kW | 1900 | 2000 | 2100 | | | |
| Nominal power input | kW | 504,0 | 553,2 | 557,4 | | | |
| E.E.R. | Coef. | 3,77 | 3,62 | 3,77 | | | |
| Energy class | | E | E | E | | | |
| E.S.E.E.R. | Coef. | 8,56 | 8,54 | 8,47 | | | |
| Noise Pressure Level | dB(A) | 66,00 | 66,00 | 66,00 | | | |
| Distance | m | 10,00 | 10,00 | 10,00 | | | |
| WORKING CONDITIONS | | | | | | | |
| Compressors type (*1) | Type | Oil Free | Oil Free | Oil Free | | | |
| Compressors number | n° | 6 | 6 | 6 | | | |
| Evaporator type (*2) | Type | S&T | S&T | S&T | | | |
| Evap. inlet water temperature | °C | 12,0 | 12,0 | 12,0 | | | |
| Evap. outlet water temperature | °C | 6,0 | 6,0 | 6,0 | | | |
| Condenser type (*2) | Type | S&T | S&T | S&T | | | |
| Inlet water condensing temperature | °C | 39,00 | 39,00 | 39,00 | | | |
| Outlet water condensing temperature | °C | 45,00 | 45,00 | 45,00 | | | |
| Power circuit voltage | V/Ph/Hz | 400-3-50 | 400-3-50 | 400-3-50 | | | |
| Control circuit voltage | V/Ph/Hz | 230-1-50 | 230-1-50 | 230-1-50 | | | |
| Total power input | kW | 504,0 | 553,2 | 557,4 | | | |
| Total running current | A | 822,6 | 900,0 | 906,6 | | | |
| Total max current | A | 1260,0 | 1260,0 | 1260,0 | | | |
| Total starting current | A | 690,5 | 755,0 | 760,5 | | | |
| DIMENSIONS | | | | | | | |
| Length with cabinet | mm | 6000 | 6000 | 6000 | | | |
| Width | mm | 2250 | 2250 | 2250 | | | |
| Height | mm | 2100 | 2100 | 2100 | | | |
| Shipping weight | kg | 7720 | 8310 | 8210 | | | |
| Operating weight | kg | 8815 | 9472 | 9339 | | | |
| (*1) Oil Free: Centrifugal Oil Free Compressor (*2) S&T: Shell and tube | | | | | | | |



PHOTOGRAPH BY TWinkl

TMH for Water Tower connection

R134a

Water cooled chiller with centrifugal compressors for indoor installation

| TMH for Water Tower connection | | TMH 1A 200 WT | TMH 1A 250 WT | TMH 1A 300 WT | TMH 1B 350 WT | TMH 1B 400 WT | TMH 2A 500 WT |
|--|---------|------------------|------------------|------------------|------------------|------------------|------------------|
| CHILLER PERFORMANCE | | | | | | | |
| Refrigerant | | R134a | R134a | R134a | R134a | R134a | R134a |
| Total cooling capacity | kW | 200 | 250 | 300 | 350 | 400 | 500 |
| Nominal power input | kW | 38,0 | 47,7 | 59,4 | 61,3 | 72,1 | 95,4 |
| E.E.R. | Coef. | 5,26 | 5,24 | 5,05 | 5,71 | 5,55 | 5,24 |
| Energy class | | A | A | A | A | A | A |
| E.S.E.E.R. | Coef. | 7,44 | 7,70 | 7,73 | 8,09 | 8,27 | 7,91 |
| Noise Pressure Level | dB(A) | 55,00 | 55,00 | 55,00 | 59,00 | 59,00 | 59,00 |
| Distance | m | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 |
| WORKING CONDITIONS | | | | | | | |
| Compressors type (*1) | Type | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free |
| Compressors number | n° | 1 | 1 | 1 | 1 | 1 | 2 |
| Evaporator type (*3) | Type | FL | FL | FL | FL | FL | FL |
| Evap. inlet water temperature | °C | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 |
| Evap. outlet water temperature | °C | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 |
| Condenser type (*2) | Type | S&T | S&T | S&T | S&T | S&T | S&T |
| Inlet water condensing temperature | °C | 29,00 | 29,00 | 29,00 | 29,00 | 29,00 | 29,00 |
| Outlet water condensing temperature | °C | 35,00 | 35,00 | 35,00 | 35,00 | 35,00 | 35,00 |
| Power circuit voltage | V/Ph/Hz | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 |
| Control circuit voltage | V/Ph/Hz | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 |
| Total power input | kW | 38,0 | 47,7 | 59,4 | 61,3 | 72,1 | 95,4 |
| Total running current | A | 57,8 | 73,9 | 93,0 | 103,8 | 120,6 | 147,8 |
| Total max current | A | 140,0 | 140,0 | 140,0 | 210,0 | 210,0 | 280,0 |
| Total starting current | A | 5,0 | 5,0 | 5,0 | 5,0 | 5,0 | 80,3 |
| DIMENSIONS | | | | | | | |
| Length with cabinet | mm | 2800 | 2800 | 2800 | 3000 | 3000 | 3400 |
| Width | mm | 1000 | 1000 | 1000 | 1000 | 1000 | 1250 |
| Height | mm | 1630 | 1630 | 1630 | 1830 | 1830 | 2100 |
| Shipping weight | kg | 1790 | 2080 | 2170 | 2300 | 2560 | 3050 |
| Operating weight | kg | 1841 | 2149 | 2254 | 2397 | 2673 | 3176 |
| (*1) Oil Free: Centrifugal Oil Free Compressor | | | | | | | |
| (*2) S&T: Shell and tube | | | | | | | |
| (*3) FL: Flooded | | | | | | | |

TMH for Water Tower connection

Water cooled chiller with centrifugal compressors for indoor installation

| TMH 2A 600 WT | TMH 2B 700 WT | TMH 2B 800 WT | TMH 3A 900 WT | TMH 3B 1000 WT | TMH 3B 1100 WT | TMH 3B 1200 WT | TMH 3B 1300 WT | TMH 4B 1400 WT | TMH 4B 1600 WT | TMH 5B 1800 WT |
|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | | | | | | | | | |
| R134a | R134a | R134a | R134a | R134a | R134a | R134a | R134a | R134a | R134a | R134a |
| 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1600 | 1800 |
| 118,8 | 122,6 | 144,2 | 178,2 | 174,6 | 193,8 | 216,3 | 243,9 | 245,2 | 288,4 | 316,0 |
| 5,05 | 5,71 | 5,55 | 5,05 | 5,73 | 5,68 | 5,55 | 5,33 | 5,71 | 5,55 | 5,70 |
| A | A | A | A | A | A | A | A | A | A | A |
| 7,73 | 8,09 | 8,27 | 7,88 | 8,41 | 8,53 | 8,59 | 8,33 | 8,38 | 8,54 | 8,57 |
| 59,00 | 63,00 | 63,00 | 60,00 | 64,00 | 64,00 | 64,00 | 64,00 | 66,00 | 66,00 | 66,00 |
| 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 |
| | | | | | | | | | | |
| Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free |
| 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 5 |
| FL | FL | FL | FL | FL | FL | FL | FL | FL | FL | FL |
| 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 |
| 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 |
| S&T | S&T | S&T | S&T | S&T | S&T | S&T | S&T | S&T | S&T | S&T |
| 29,00 | 29,00 | 29,00 | 29,00 | 29,00 | 29,00 | 29,00 | 29,00 | 29,00 | 29,00 | 29,00 |
| 35,00 | 35,00 | 35,00 | 35,00 | 35,00 | 35,00 | 35,00 | 35,00 | 35,00 | 35,00 | 35,00 |
| 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 |
| 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 |
| 118,8 | 122,6 | 144,2 | 178,2 | 174,6 | 193,8 | 216,3 | 243,9 | 245,2 | 288,4 | 316,0 |
| 186,0 | 207,6 | 241,2 | 279,0 | 297,3 | 326,7 | 361,8 | 404,4 | 415,2 | 482,4 | 534,0 |
| 280,0 | 420,0 | 420,0 | 420,0 | 630,0 | 630,0 | 630,0 | 630,0 | 840,0 | 840,0 | 1050,0 |
| 97,1 | 117,2 | 133,7 | 189,2 | 219,6 | 239,8 | 262,4 | 288,2 | 341,6 | 391,1 | 466,2 |
| | | | | | | | | | | |
| 3400 | 3400 | 3400 | 4000 | 4000 | 4000 | 4000 | 4000 | 5700 | 5700 | 6000 |
| 1250 | 1250 | 1250 | 1600 | 1600 | 1600 | 1600 | 1600 | 1600 | 1600 | 1600 |
| 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 |
| 3470 | 3590 | 3900 | 4440 | 4970 | 5090 | 5280 | 5310 | 6660 | 7210 | 7770 |
| 3635 | 3780 | 4114 | 4679 | 5239 | 5386 | 5612 | 5637 | 7049 | 7652 | 8262 |

TMH for Water Tower connection

Water cooled chiller with centrifugal compressors for indoor installation

| TMH for Water Tower connection | | TMH 5B 2000 WT | TMH 6B 2200 WT | TMH 6B 2400 WT | TMH 1C 500 WT | TMH 1D 600 WT | TMH 2C 1050 WT |
|--|---------|-------------------|-------------------|-------------------|------------------|------------------|-------------------|
| CHILLER PERFORMANCE | | | | | | | |
| Refrigerant | | R134a | R134a | R134a | R134a | R134a | R134a |
| Total cooling capacity | kW | 2000 | 2200 | 2400 | 500 | 600 | 1050 |
| Nominal power input | kW | 360,5 | 387,6 | 432,0 | 92,9 | 106,8 | 200,6 |
| E.E.R. | Coef. | 5,55 | 5,68 | 5,56 | 5,38 | 5,62 | 5,23 |
| Energy class | | A | A | A | A | A | A |
| E.S.E.E.R. | Coef. | 8,48 | 8,53 | 8,59 | 8,46 | 7,91 | 8,47 |
| Noise Pressure Level | dB(A) | 66,00 | 67,00 | 67,00 | 58,00 | 62,00 | 62,00 |
| Distance | m | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 |
| WORKING CONDITIONS | | | | | | | |
| Compressors type (*1) | Type | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free |
| Compressors number | n° | 5 | 6 | 6 | 1 | 1 | 2 |
| Evaporator type (*3) | Type | FL | FL | FL | FL | FL | FL |
| Evap. inlet water temperature | °C | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 |
| Evap. outlet water temperature | °C | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 |
| Condenser type (*2) | Type | S&T | S&T | S&T | S&T | S&T | S&T |
| Inlet water condensing temperature | °C | 29,00 | 29,00 | 29,00 | 29,00 | 29,00 | 29,00 |
| Outlet water condensing temperature | °C | 35,00 | 35,00 | 35,00 | 35,00 | 35,00 | 35,00 |
| Power circuit voltage | V/Ph/Hz | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 |
| Control circuit voltage | V/Ph/Hz | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 |
| Total power input | kW | 360,5 | 387,6 | 432,0 | 92,9 | 106,8 | 200,6 |
| Total running current | A | 603,0 | 653,4 | 722,4 | 150,8 | 167,3 | 325,4 |
| Total max current | A | 1050,0 | 1260,0 | 1260,0 | 180,0 | 240,0 | 360,0 |
| Total starting current | A | 519,8 | 592,0 | 647,5 | 5,0 | 5,0 | 167,7 |
| DIMENSIONS | | | | | | | |
| Length with cabinet | mm | 6000 | 6000 | 6000 | 3400 | 3400 | 4000 |
| Width | mm | 1600 | 1600 | 1600 | 1250 | 1250 | 1600 |
| Height | mm | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 |
| Shipping weight | kg | 8700 | 9180 | 9570 | 2770 | 3210 | 4770 |
| Operating weight | kg | 9259 | 9792 | 10247 | 2896 | 3375 | 5066 |
| (*1) Oil Free: Centrifugal Oil Free Compressor (*2) S&T: Shell and tube (*3) FL: Flooded | | | | | | | |

TMH for Water Tower connection

R134a

Water cooled chiller with centrifugal compressors for indoor installation

| TMH 2D 1200 WT | TMH 3C 1400 WT | TMH 3C 1500 WT | TMH 3D 1800 WT | TMH 4C 2000 WT | TMH 4D 2200 WT | TMH 4D 2400 WT | TMH 5C 2500 WT | | | |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--|--|--|
| R134a | R134a | R134a | R134a | R134a | R134a | R134a | R134a | | | |
| 1200 | 1400 | 1500 | 1800 | 2000 | 2200 | 2400 | 2500 | | | |
| 213,6 | 254,4 | 278,7 | 320,4 | 371,6 | 397,2 | 426,4 | 464,5 | | | |
| 5,62 | 5,50 | 5,38 | 5,62 | 5,38 | 5,54 | 5,63 | 5,38 | | | |
| A | A | A | A | A | A | A | A | | | |
| 8,40 | 8,60 | 8,61 | 8,22 | 8,58 | 8,57 | 8,57 | 8,64 | | | |
| 66,00 | 63,00 | 63,00 | 67,00 | 65,00 | 69,00 | 69,00 | 65,00 | | | |
| 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | | | |
| | | | | | | | | | | |
| Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | | | |
| 2 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | | | |
| FL | FL | FL | FL | FL | FL | FL | FL | | | |
| 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | | | |
| 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | | | |
| S&T | S&T | S&T | S&T | S&T | S&T | S&T | S&T | | | |
| 29,00 | 29,00 | 29,00 | 29,00 | 29,00 | 29,00 | 29,00 | 29,00 | | | |
| 35,00 | 35,00 | 35,00 | 35,00 | 35,00 | 35,00 | 35,00 | 35,00 | | | |
| 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | | | |
| 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | | | |
| 213,6 | 254,4 | 278,7 | 320,4 | 371,6 | 397,2 | 426,4 | 464,5 | | | |
| 334,6 | 413,4 | 452,4 | 501,9 | 603,2 | 623,2 | 667,6 | 754,0 | | | |
| 480,0 | 540,0 | 540,0 | 720,0 | 720,0 | 960,0 | 960,0 | 900,0 | | | |
| 172,3 | 280,6 | 306,6 | 339,6 | 457,4 | 472,4 | 505,7 | 608,2 | | | |
| | | | | | | | | | | |
| 4000 | 5700 | 5700 | 6000 | 6000 | 6000 | 6000 | 6000 | | | |
| 1600 | 1600 | 1600 | 1600 | 1600 | 1600 | 1600 | 1600 | | | |
| 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | | | |
| 4980 | 6340 | 6890 | 7170 | 8390 | 8590 | 8980 | 8870 | | | |
| 5312 | 6729 | 7332 | 7661 | 8948 | 9201 | 9657 | 9481 | | | |

TMH for Water Tower connection



HFO
1234ze

Water cooled chiller with centrifugal compressors for indoor installation

| TMH for Water Tower connection | | TMH 1Z 200 WT | TMH 1Z 250 WT | TMH 1Z 300 WT | TMH 1Z 350 WT | TMH 2Z 400 WT | TMH 2Z 500 WT |
|--|---------|------------------|------------------|------------------|------------------|------------------|------------------|
| CHILLER PERFORMANCE | | | | | | | |
| Refrigerant | | HFO-1234ze | HFO-1234ze | HFO-1234ze | HFO-1234ze | HFO-1234ze | HFO-1234ze |
| Total cooling capacity | kW | 200 | 250 | 300 | 350 | 400 | 500 |
| Nominal power input | kW | 36,2 | 43,8 | 53,9 | 69,0 | 72,4 | 87,6 |
| E.E.R. | Coef. | 5,52 | 5,71 | 5,57 | 5,07 | 5,52 | 5,71 |
| Energy class | | A | A | A | A | A | A |
| E.S.E.E.R. | Coef. | 7,62 | 7,98 | 8,18 | 8,33 | 8,37 | 8,43 |
| Noise Pressure Level | dB(A) | 58,00 | 58,00 | 58,00 | 58,00 | 62,00 | 62,00 |
| Distance | m | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 |
| WORKING CONDITIONS | | | | | | | |
| Compressors type (*1) | Type | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free |
| Compressors number | n° | 1 | 1 | 1 | 1 | 2 | 2 |
| Evaporator type (*3) | Type | FL | FL | FL | FL | FL | FL |
| Evap. inlet water temperature | °C | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 |
| Evap. outlet water temperature | °C | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 |
| Condenser type (*2) | Type | S&T | S&T | S&T | S&T | S&T | S&T |
| Inlet water condensing temperature | °C | 29,00 | 29,00 | 29,00 | 29,00 | 29,00 | 29,00 |
| Outlet water condensing temperature | °C | 35,00 | 35,00 | 35,00 | 35,00 | 35,00 | 35,00 |
| Power circuit voltage | V/Ph/Hz | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 |
| Control circuit voltage | V/Ph/Hz | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 |
| Total power input | kW | 36,2 | 43,8 | 53,9 | 69,0 | 72,4 | 87,6 |
| Total running current | A | 63,1 | 74,9 | 90,3 | 113,7 | 126,2 | 149,8 |
| Total max current | A | 140,0 | 210,0 | 210,0 | 210,0 | 420,0 | 420,0 |
| Total starting current | A | 5,0 | 5,0 | 5,0 | 5,0 | 68,1 | 79,9 |
| DIMENSIONS | | | | | | | |
| Length with cabinet | mm | 4200 | 4200 | 4200 | 4200 | 4600 | 4600 |
| Width | mm | 1000 | 1000 | 1000 | 1000 | 1000 | 1250 |
| Height | mm | 1630 | 1630 | 1630 | 1830 | 1830 | 2100 |
| Shipping weight | kg | 2360 | 2470 | 2590 | 2740 | 3280 | 3530 |
| Operating weight | kg | 2509 | 2619 | 2748 | 2954 | 3507 | 3881 |
| (*1) Oil Free: Centrifugal Oil Free Compressor (*2) S&T: Shell and tube (*3) FL: Flooded | | | | | | | |

TMH for Water Tower connection

Water cooled chiller with centrifugal compressors for indoor installation

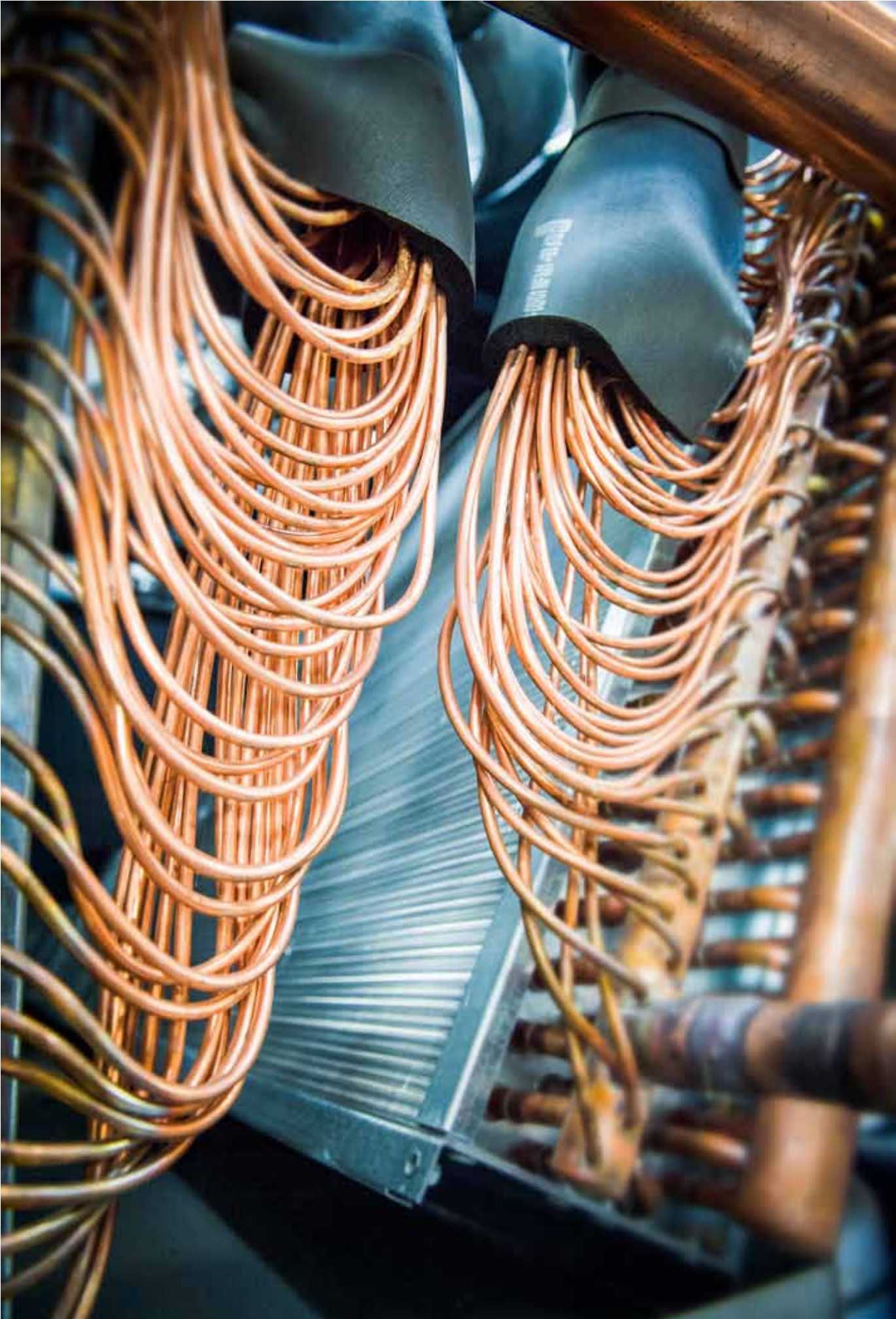
| TMH 2Z 600 WT | TMH 2Z 700 WT | TMH 3Z 800 WT | TMH 3Z 900 WT | TMH 3Z 1000 WT | TMH 3Z 1100 WT | TMH 4Z 1200 WT | TMH 4Z 1300 WT | TMH 4Z 1400 WT | TMH 6Z 1600 WT | TMH 6Z 1800 WT |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | | | | | | | | | |
| HFO-1234ze | HFO-1234ze | HFO-1234ze | HFO-1234ze | HFO-1234ze | HFO-1234ze | HFO-1234ze | HFO-1234ze | HFO-1234ze | HFO-1234ze | HFO-1234ze |
| 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1600 | 1800 |
| 107,8 | 138,0 | 140,4 | 161,7 | 189,0 | 216,6 | 215,6 | 242,0 | 276,0 | 280,8 | 323,4 |
| 5,57 | 5,07 | 5,70 | 5,57 | 5,29 | 5,08 | 5,57 | 5,37 | 5,07 | 5,70 | 5,57 |
| A | A | A | A | A | A | A | A | A | A | A |
| 8,18 | 8,33 | 8,47 | 8,52 | 8,56 | 8,32 | 8,48 | 8,51 | 8,53 | 8,58 | 8,56 |
| 62,00 | 62,00 | 63,00 | 63,00 | 63,00 | 63,00 | 65,00 | 65,00 | 65,00 | 66,00 | 66,00 |
| 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 |
| | | | | | | | | | | |
| Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free | Oil Free |
| 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 6 | 6 |
| FL | FL | FL | FL | FL | FL | FL | FL | FL | FL | FL |
| 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 | 12,0 |
| 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 |
| S&T | S&T | S&T | S&T | S&T | S&T | S&T | S&T | S&T | S&T | S&T |
| 29,00 | 29,00 | 29,00 | 29,00 | 29,00 | 29,00 | 29,00 | 29,00 | 29,00 | 29,00 | 29,00 |
| 35,00 | 35,00 | 35,00 | 35,00 | 35,00 | 35,00 | 35,00 | 35,00 | 35,00 | 35,00 | 35,00 |
| 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 | 400-3-50 |
| 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 | 230-1-50 |
| 107,8 | 138,0 | 140,4 | 161,7 | 189,0 | 216,6 | 215,6 | 242,0 | 276,0 | 280,8 | 323,4 |
| 180,6 | 227,4 | 238,5 | 270,9 | 313,5 | 356,4 | 361,2 | 402,0 | 454,8 | 477,0 | 541,8 |
| 420,0 | 420,0 | 630,0 | 630,0 | 630,0 | 630,0 | 840,0 | 840,0 | 840,0 | 1260,0 | 1260,0 |
| 95,3 | 118,7 | 164,0 | 185,6 | 214,0 | 242,6 | 275,9 | 306,5 | 346,1 | 402,5 | 456,5 |
| | | | | | | | | | | |
| 4600 | 4600 | 4600 | 4600 | 4600 | 5000 | 5000 | 5000 | 5000 | 6000 | 6000 |
| 1250 | 1250 | 1250 | 1600 | 1600 | 1600 | 2250 | 2250 | 2250 | 2250 | 2250 |
| 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 |
| 3610 | 3660 | 4320 | 4400 | 4690 | 4770 | 5820 | 5890 | 6060 | 7700 | 7700 |
| 3961 | 4017 | 4864 | 4948 | 5271 | 5335 | 6523 | 6618 | 6805 | 8810 | 8810 |

TMH for Water Tower connection

HFO
1234ze

Water cooled chiller with centrifugal compressors for indoor installation

| TMH for Water Tower connection | | TMH 6Z 1900 WT | TMH 6Z 2000 WT | TMH 6Z 2200 WT | | | |
|--|---------|-------------------|-------------------|-------------------|--|--|--|
| CHILLER PERFORMANCE | | | | | | | |
| Refrigerant | | HFO-1234ze | HFO-1234ze | HFO-1234ze | | | |
| Total cooling capacity | kW | 1900 | 2000 | 2200 | | | |
| Nominal power input | kW | 348,6 | 378,0 | 433,2 | | | |
| E.E.R. | Coef. | 5,45 | 5,29 | 5,08 | | | |
| Energy class | | A | A | A | | | |
| E.S.E.E.R. | Coef. | 8,56 | 8,54 | 8,46 | | | |
| Noise Pressure Level | dB(A) | 66,00 | 66,00 | 66,00 | | | |
| Distance | m | 10,00 | 10,00 | 10,00 | | | |
| WORKING CONDITIONS | | | | | | | |
| Compressors type (*1) | Type | Oil Free | Oil Free | Oil Free | | | |
| Compressors number | n° | 6 | 6 | 6 | | | |
| Evaporator type (*3) | Type | FL | FL | FL | | | |
| Evap. inlet water temperature | °C | 12,0 | 12,0 | 12,0 | | | |
| Evap. outlet water temperature | °C | 6,0 | 6,0 | 6,0 | | | |
| Condenser type (*2) | Type | S&T | S&T | S&T | | | |
| Inlet water condensing temperature | °C | 29,00 | 29,00 | 29,00 | | | |
| Outlet water condensing temperature | °C | 35,00 | 35,00 | 35,00 | | | |
| Power circuit voltage | V/Ph/Hz | 400-3-50 | 400-3-50 | 400-3-50 | | | |
| Control circuit voltage | V/Ph/Hz | 230-1-50 | 230-1-50 | 230-1-50 | | | |
| Total power input | kW | 348,6 | 378,0 | 433,2 | | | |
| Total running current | A | 580,8 | 627,0 | 712,8 | | | |
| Total max current | A | 1260,0 | 1260,0 | 1260,0 | | | |
| Total starting current | A | 489,0 | 527,5 | 599,0 | | | |
| DIMENSIONS | | | | | | | |
| Length with cabinet | mm | 6000 | 6000 | 6000 | | | |
| Width | mm | 2250 | 2250 | 2250 | | | |
| Height | mm | 2100 | 2100 | 2100 | | | |
| Shipping weight | kg | 7730 | 8310 | 8210 | | | |
| Operating weight | kg | 8826 | 9473 | 9340 | | | |
| (*1) Oil Free: Centrifugal Oil Free Compressor (*2) S&T: Shell and tube (*3) FL: Flooded | | | | | | | |



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