



Features:

- The "FAN-UP" plus "TWO-IN-ONE" air-cooled pre-cooler & condenser with standard screen mesh make better result in ventilation. Compact, state-of-the-art.
- Provide high reliability, complete with full control and protection instruments in refrigeration system, such as refrigerant compressor overload protection switch, fan motor pressure switch (for air-cooled unit), water pressure regulator and Y-strainer (for water-cooled unit), high and low pressure protection switch, expansion valve, hot gas bypass valve, filter drier & sight glass, etc.
- Convenient and easy maintenance with outer-mounted manual-auto drain valve system.
- Incorporated with SCS microprocessor and report printer (optional).

Specification:

Type	N type Normal inlet temp.								
Model	M2E 125N	M2E 150N	M2E 175N	M2E 200N	M2E 250N	M2E 300N	M2E 350N	M2E 400N	M2E 500N
Max. capacity (Nm ³ /min)	18	22	27	30	36	43	50	61	72
Connection (inch)	3"FL	3"FL	3"FL	3"FL	3"FL	4"FL	4"FL	4"FL	5"FL
Power supply (50/60Hz)	3 φ /380V(220V.440V Optional)								
Input power (kw)	4.7	6	6	7	7	6.3	7.1	9.4	11.1
Operating current(A)	7.4	8.3	8.3	10.55	10.55	10.2	12.1	15	16.7
Full-load current(A)	8.3	9.55	9.55	12	12	11.6	13.9	17	19.2
Refrigerant	R-22(R404A,R407C,R134a Optional)								
Net weight(kg)	290	320	340	360	380	456	476	503	655
Dimension H×L×W(mm)	1560×1200×750					1765×1800×900			
Conditions	Inlet temperature : 5~50℃ (@45℃) Environment temperature : 2~42℃ Working pressure : ≤1 MPa (@0.7 MPa)				Cooling water temperature : 15~40℃ Cooling water pressure : 0.2~0.4 MPa Cooling water volumn : 150×capacity (d/hr)				

Type	G type High inlet temp.								
Model	M2E 125G	M2E 150G	M2E 175G	M2E 200G	M2E 250G	M2E 300G	M2E 350G	M2E 400G	M2E 500G
Max. capacity (Nm ³ /min)	18	22	27	30	36	43	50	61	72
Connection (inch)	3"FL	3"FL	3"FL	3"FL	3"FL	4"FL	4"FL	4"FL	5"FL
Power supply (50/60Hz)	3 φ /380V(220V.440V Optional)								
Input power (kw)	4.7	6	6	7	7	6.3	7.1	9.4	11.1
Operating current(A)	7.4	8.3	8.3	10.55	10.55	10.2	12.1	15	16.7
Full-load current(A)	8.3	9.55	9.55	12	12	11.6	13.9	17	19.2
Refrigerant	R-22(R404A,R407C,R134a Optional)								
Net weight(kg)	310	335	355	375	395	478	498	533	693
Dimension H×L×W(mm)	1560×1200×750					1765×1800×900			1765×1800×1100
Conditions	Inlet temperature : 5~80℃ (@65℃) Environment temperature : 2~42℃ Working pressure : ≤1 MPa (@0.7 MPa)				Cooling water temperature : 15~40℃ Cooling water pressure : 0.2~0.4 MPa Cooling water volumn : 450×capacity (d/hr)				

● Ordering :

- Add **P** to designate stainless steel models eg M2E-125GP (except for air inlet piping).
- Add **W** to designate water-cooled models eg M2E-125GW.
- Delete **G** and add **NH** to designate high pressure models eg M2E-125NH (1.1~5.0MPa: except for **G** type).
- Add **-SCS** to designate microprocessor models eg M2E-125G-SCS.

Remarks :

- Maker keeps rights of above specifications amendment without notice.
- Design based on 60Hz : Ref. compressor @ET10℃ , CT54℃ .
Operating current @ET5℃ , CT45℃ .
Full-load current @ET10℃ , CT45℃ .

System flow :

PG-1: Ref.low pressure gauge

PG-2: Ref.high pressure gauge

PG-3: Air outlet pressure gauge

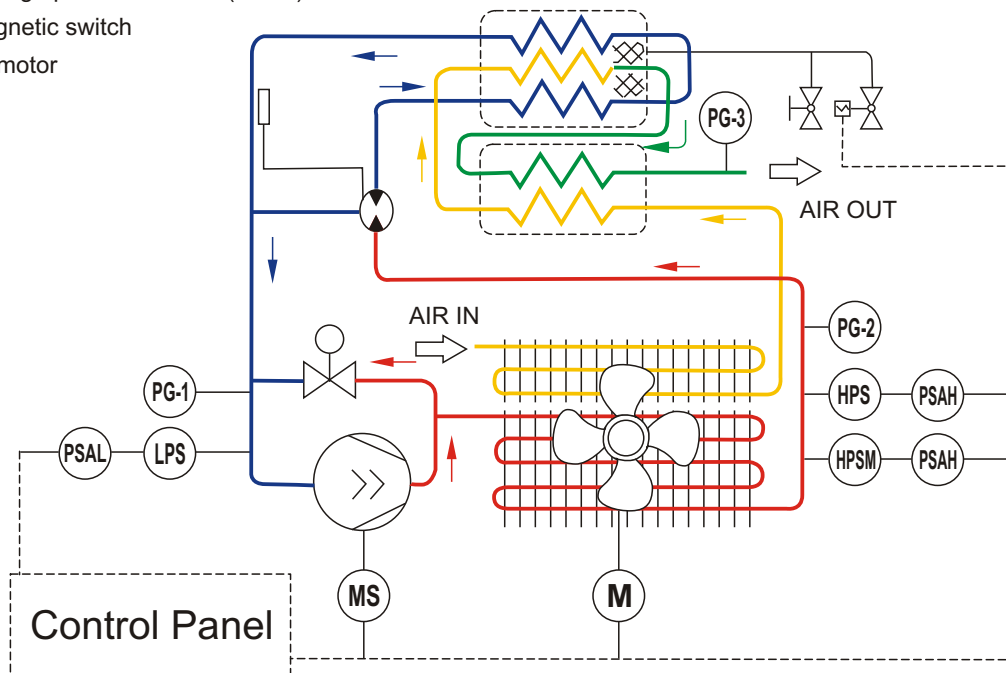
LPS: Low pressure switch

HPS: High pressure switch

HPSM: High pressure switch (motor)

Ms: Magnetic switch

M: Fan motor



Application:

