

Optyma Slim / BMIEP Single Evaporator System	Part Number
MSTM026DSW05G	621178
BMIEP448-37 Evaporator	685170
Optyma Fan Speed Contoller Option	670065
Universal Brackets	684222
Defrost Probe * (See Note Below)	684193

System Balance Capacity (kW)

Cellar Setpoint Temperature	4°C	8°C	10°C	12°C
27°C Ambient	2.9*	3.3	3.5	3.7
32°C Ambient	2.8*	3.2	3.4	3.6
37°C Ambient	2.6*	3.0	3.2	3.4

Defrost probe required for capacities marked *

BMOP Condensing Unit

Unit Model	MSTM026DSW05G
Comp Model	DS26TB
Horse Power	
Refrigerant	R448a / R449a
Connection Sizes	1/2" & 1/2"
Voltage	230v/50/1
Number of Fans	1
FLC (amps)	12.7
LRA (amps)	38.5
MCB Rating (amps)	16



Picture for illustration purposes only.

Dimensions (mm)

Width	1087
Depth	464
Height	690
Weight (kg)	62.5

BMIEP Evaporator

Evaporator Model	BMIEP448-37
Refrigerant	R448a / R449a
Connection Sizes	3/4" & 3/8"
Voltage	230v/50/1
Fan (Watts)	88w / 0.38amp
Number of Fans	1
Air Heater (Watts)	1100w / 5amp
MCB Rating (amps)	16



Picture for illustration purposes only.

Dimensions (mm)

Width	740
Depth	437
Height	500
Dry Weight (kg)	25

Pipe Sizing & Estimated Charge Size

	10m	20m	30m
Length			
Suction	5/8"	5/8"	3/4"
Liquid	3/8"	3/8"	3/8"
Estimated Charge Size (kg)	2.1	2.7	3.3

For equivalent lengths between those shown above, round up to the higher length.
R448a system charges are approximate and for guidance only. Refrigerant should be added in accordance with sound commissioning practice until the sight glass is clear and correct Evaporator operating pressure / superheat is achieved.
Maximum system PED category CAT 1.