

Agregat skraplający Danfoss Optyma Slim Pack OP-MSTM022DSW05G



Producer: **Danfoss**
Line: **Optyma Slim Pack**
Model: **OP-MSTM022DSW05G**
Cooling capacity [kW]: **2.00**
Displacement [m³/h]: **3.92**
Refrigerant: **R404A, R448A, R449A, R452A, R454C, R455A**
Capacity control: **None**
Power supply: **230V/1Ph/50Hz**

Data

Compressor technical data

| | | |
|------------------|---------------------|---------------|
| Compressor model | | MS22TB |
| Displacement | [m ³ /h] | 3.92 |
| Capacity control | | None |
| Oil type | | POE 46 |
| Approvals | | CE |

Compressor electrical data

| | | |
|----------------------------|-----|---------------|
| Compressor power supply | | 230V/1Ph/50Hz |
| Maximum continuous current | [A] | 8.4 |
| Rated load amps | [A] | 25.0 |
| Minimal fuse current | [A] | 10.0 |

Condenser data

| | | |
|-------------------------|---------------------|---------------|
| Condenser model | | D7 |
| Fan power supply | | 230V/1Ph/50Hz |
| Fan quantity | | 1 |
| Fan diameter | [mm] | 450 |
| Fans power | [W] | 110 |
| Fan current | [A] | 0.47 |
| Inner volume | [dm ³] | 0.6 |
| Air flow | [m ³ /h] | 3,300 |
| Acoustic pressure (10m) | [dB(A)] | 39.0 |

Condensing unit data

| | | |
|-----------------------|------|--|
| Receiver volume | [l] | 3.4 |
| Net weight | [kg] | 53 |
| Gross weight | [kg] | 83 |
| Housing | | Yes |
| Approved refrigerants | | R404A, R448A, R449A, R452A, R454C, R455A |

Dimensions

| | | |
|--------|------|-------|
| Length | [mm] | 1,087 |
| Height | [mm] | 690 |
| Width | [mm] | 464 |

Connections

| | | |
|------------------------|--------|-----|
| Suction valve diameter | [inch] | 1/2 |
| Liquid line diameter | [inch] | 1/2 |

Performance

Nominal conditions: refrigerant: R404A , evaporation (dew point): -10 °C, ambient temperature: 32 °C, superheating: 10 K

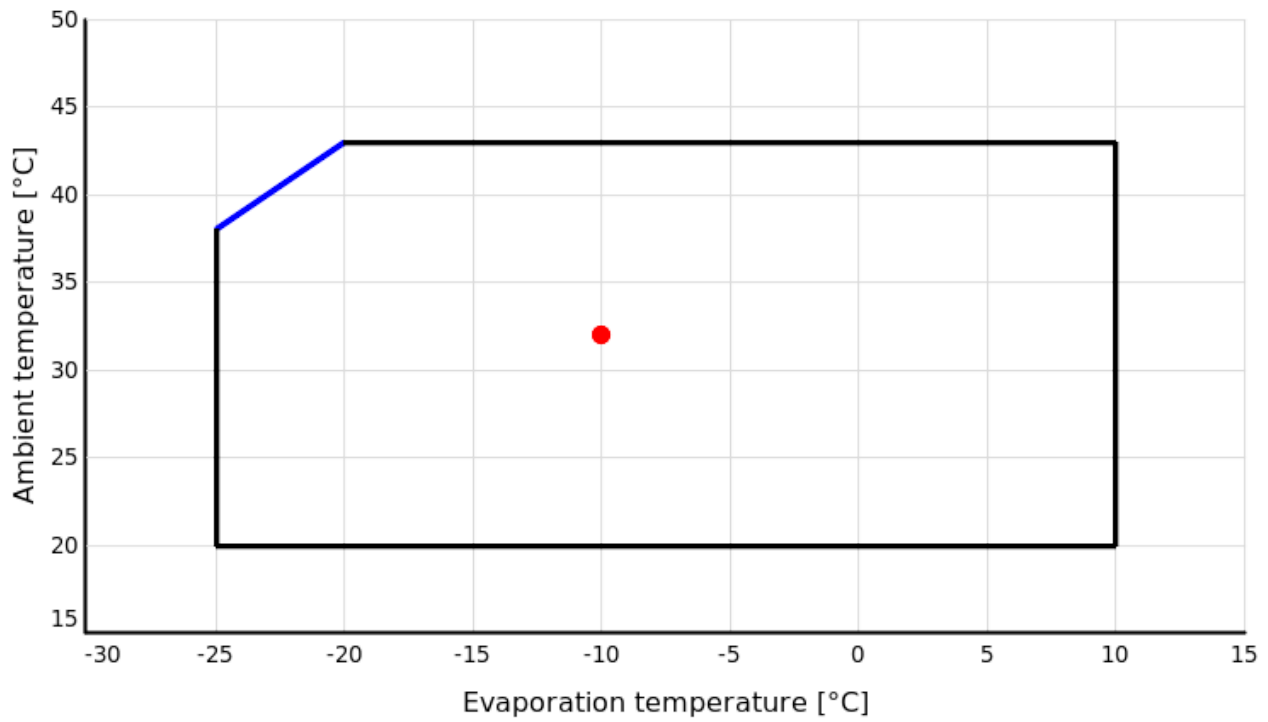
Cooling capacity [kW]

| | | Evaporation temperature [°C] | | | | | | | |
|--------------------------|----|------------------------------|------|------|------|------|------|------|------|
| | | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 10 |
| Ambient temperature [°C] | 20 | 1.29 | 1.63 | 2.04 | 2.50 | 3.03 | 3.62 | 4.27 | 4.98 |
| | 25 | 1.16 | 1.48 | 1.86 | 2.29 | 2.79 | 3.34 | 3.94 | 4.60 |
| | 30 | 1.03 | 1.33 | 1.68 | 2.09 | 2.54 | 3.05 | 3.61 | 4.22 |
| | 32 | 0.98 | 1.27 | 1.61 | 2.00 | 2.44 | 2.93 | 3.48 | 4.07 |
| | 35 | 0.90 | 1.18 | 1.51 | 1.88 | 2.29 | 2.76 | 3.28 | 3.84 |
| | 40 | | 1.03 | 1.33 | 1.67 | 2.05 | 2.47 | 2.94 | 3.46 |

Power consumption [kW]

| | | Evaporation temperature [°C] | | | | | | | |
|--------------------------|----|------------------------------|------|------|------|------|------|------|------|
| | | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 10 |
| Ambient temperatura [°C] | 20 | 0.81 | 0.88 | 0.95 | 1.02 | 1.10 | 1.18 | 1.27 | 1.37 |
| | 25 | 0.84 | 0.91 | 0.99 | 1.07 | 1.15 | 1.24 | 1.33 | 1.44 |
| | 30 | 0.85 | 0.94 | 1.02 | 1.11 | 1.20 | 1.29 | 1.39 | 1.50 |
| | 32 | 0.86 | 0.95 | 1.04 | 1.13 | 1.22 | 1.31 | 1.42 | 1.53 |
| | 35 | 0.86 | 0.96 | 1.06 | 1.15 | 1.25 | 1.35 | 1.45 | 1.57 |
| | 40 | | 0.97 | 1.08 | 1.18 | 1.29 | 1.40 | 1.51 | 1.64 |

Application range



Legend

- Suction gas superheating: 10 K
- Current operating conditions

Dimensions

