



CME / CMED / CLE SERIES

Multicompressor Pack System
without condenser



ADVANTAGES

- Reduction of operating costs
- Lower energy consumption
- Lower maintenance costs
- Reduced encumbrance needed for the plant
- Outdoor installation

The range of multicompressor packs manufactured by Italia Refrigerazione have been designed for centralized refrigeration plants that are fitted with multiple compressor sets operating in a parallel system

The design of each model takes into account all safety rules in force, a further guarantee of high quality levels and maximum reliability of the product. Italia Refrigerazione multicompressors packs are available in a wide range of models suited for any kind of application, the ideal choice for meeting any requirement.

R404A (50Hz)

| Model | Compressor | | Capacity (Watt) | | | Condenser (Watt) | | |
|---------------|------------|------|------------------|-------|-------|------------------|-------|-------|
| | | | Evap. Temp. (°C) | | | Evap. Temp. (°C) | | |
| | | | 0 | -5 | -10 | 0 | -5 | -10 |
| CME100/221Z-T | 2 | ZB21 | 14480 | 12140 | 10100 | 19440 | 17140 | 15120 |
| CME110/226Z-T | 2 | ZB26 | 16760 | 14040 | 11680 | 22580 | 19900 | 17560 |
| CME140/230Z-T | 2 | ZB30 | 19820 | 16560 | 13740 | 26420 | 23200 | 20440 |
| CME170/238Z-T | 2 | ZB38 | 24600 | 20500 | 17060 | 32980 | 28900 | 25460 |
| CME200/245Z-T | 2 | ZB45 | 28800 | 24200 | 20100 | 38320 | 33780 | 29720 |

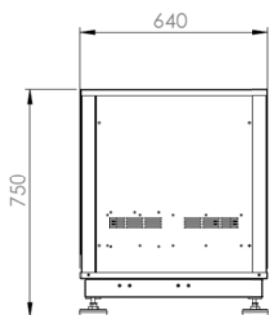
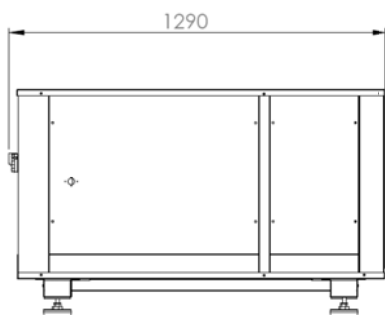
Capacity calculation condition : Condensing Temperature +45°C, Suction Temp. +20°C, Subcooling 0°C

| Model | Compressor | | Capacity (Watt) | | | Condenser (Watt) | | |
|--------------|------------|------|------------------|------|------|------------------|-------|-------|
| | | | Evap. Temp. (°C) | | | Evap. Temp. (°C) | | |
| | | | -30 | -35 | -40 | -30 | -35 | -40 |
| CLE27/206Z-T | 2 | ZF06 | 2215 | 2680 | 2100 | 6340 | 5620 | 4980 |
| CLE33/209Z-T | 2 | ZF09 | 4100 | 3290 | 2650 | 8280 | 7360 | 6600 |
| CLE36/311Z-T | 2 | ZF11 | 4500 | 3630 | 2870 | 10200 | 9040 | 8060 |
| CLE45/213Z-T | 2 | ZF13 | 5660 | 4580 | 3620 | 11480 | 10080 | 8900 |
| CLE52/215Z-T | 2 | ZF15 | 6440 | 5180 | 4120 | 14100 | 12260 | 10620 |
| CLE64/218Z-T | 2 | ZF18 | 7920 | 6360 | 5020 | 17000 | 14900 | 13100 |



| Model | Compressor | | Capacity (Watt) | | | Condenser (Watt) | | |
|----------------|------------|------|------------------|-------|-------|------------------|-------|-------|
| | | | Evap. Temp. (°C) | | | Evap. Temp. (°C) | | |
| | | | 0 | -5 | -10 | 0 | -5 | -10 |
| CMED100/321Z-T | 2 | ZB21 | 14495 | 12170 | 10130 | 19000 | 16815 | 14760 |
| CMED130/330Z-T | 2 | ZB30 | 19840 | 16620 | 13815 | 26135 | 22900 | 20050 |
| CMED170/338Z-T | 2 | ZB38 | 24535 | 20500 | 17100 | 32400 | 28235 | 24900 |
| CMED200/345Z-T | 2 | ZB45 | 28970 | 24335 | 20235 | 38170 | 33435 | 29235 |

TECHNICAL DATA



| Pipe Fitting | | | | Liquid Receiver (Lt.) |
|--------------|--------|--------|--------|-----------------------|
| D (mm) | C (mm) | L (mm) | S (mm) | |
| 22/ 28 | 18 | 16 | 28 | 10,0 |

Absorption calculation condition of compressors :
 Condensing Temperature +55°C, Evaporating Temperature +5°C Suction Temp. +20°C,
 Subcooling 0°C
 Legend : D= Discharge; C=Condensate; L=Liquid ; S=Suction

