

Ductable Split Air Conditioners - Indoor Unit

Sleek, Energy Efficient and High Static
Available in 3, 4, 5, 5.8, 7.5, 8.5, 11.6 and 17 TR



Ductable Split Air Conditioners - Outdoor Unit

Sleek, Energy Efficient and High Static
Available in 3, 4, 5, 5.8, 7.5 and 8.5 TR



Packaged Air-Cooled Chillers

Compact, Energy Efficient and Reliable
Available in 5.8, 11.6, 16.5, 22, 33, 39.5, 50, 65, 80, 100, 150 and 200 TR



PACKAGE AIR COOLED CHILLERS

| S.No | Specifications | Units | MCA060SS3A | MCA132SD3A | MCA198SD3A | MCA264SD3A | MCA396ST3A | MCA468ST3A |
|------|---------------------------|---------|------------|------------|------------|------------|------------|------------|
| 1. | Nominal Cooling Capacity* | TR | 5.8 | 11.6 | 16.5 | 22 | 33 | 39.5 |
| 2. | Power Supply | V/Ph/Hz | 415/3/50 | 415/3/50 | 415/3/50 | 415/3/50 | 415/3/50 | 415/3/50 |
| 3. | Total Power Consumption | KW | 6 | 12 | 17 | 23 | 34 | 40.3 |
| 4. | Hermetic Compressor | | | | | | | |
| | Type | Scroll | Scroll** | Scroll** | Scroll** | Scroll** | Scroll** | Scroll** |
| | Model | No. | SM84 | SM84 | SM120 | SM160 | SM160 | SM185 |
| | Qty | No. | 1 | 2 | 2 | 2 | 3 | 3 |
| 5. | Nominal Dimensions | | | | | | | |
| | Length | mm | 1250 | 1800 | 1800 | 2290 | 2290 | 2290 |
| | Width | mm | 750 | 950 | 1050 | 1520 | 1520 | 1520 |
| | Height | mm | 1060 | 1550 | 1650 | 2130 | 2130 | 2130 |
| 6. | Weight | Kg | 140 | 300 | 450 | 1100 | 1360 | 1550 |
| 7. | Refrigerant | | R-22 | R-22 | R-22 | R-22 | R-22 | R-22 |



Industrial & Commercial Air-conditioning Solutions

| INDOOR UNIT | | | DUCTABLE UNIT | | | | | | | FAN COIL UNIT | | | | | |
|-------------|---------------------------|---------|---|-------------|-------------|-------------|-------------|-------------|-------------|----------------------|-------------|-------------|--------------|--|--|
| S.No | Specifications | Units | MTD036 HS1A | MTD048 HD1A | MTD060 HS1A | MTD072 HS1A | MTD090 HS1A | MTD102 HS1A | MTD140 HD3A | MTD204 HD3A | MTH018 LS1A | MTH024 LS1A | MTH030 LS1A | | |
| 1. | Nominal Cooling Capacity* | Btu/h | 36000 | 48000 | 60000 | 69600 | 90000 | 102000 | 139200 | 204000 | 18000 | 24000 | 30000 | | |
| | | TR | 3 | 4 | 5 | 5.8 | 7.5 | 8.5 | 11.6 | 17 | 1.5 | 2 | 2.5 | | |
| | | KW | 10.55 | 14.07 | 17.59 | 20.40 | 26.38 | 29.89 | 40.80 | 59.79 | 5.28 | 7.03 | 8.79 | | |
| 2. | Nominal Air Volume | CFM | 1200 | 1600 | 2000 | 2350 | 3000 | 3400 | 4650 | 6800 | 525 | 700 | 875 | | |
| 3. | Power Supply | V/Ph/Hz | ← 230/1/50 → | | | | | | | ← 380-420/3/50 → | | | ← 230/1/50 → | | |
| 4. | Dimensions | | | | | | | | | | | | | | |
| | Height | mm | 460 | 460 | 460 | 460 | 460 | 460 | 680 | 680 | 330 | 330 | 380 | | |
| | Length | mm | 1020 | 1020 | 1250 | 1250 | 1590 | 1660 | 1960 | 1960 | 690 | 690 | 690 | | |
| | Depth | mm | 650 | 650 | 650 | 650 | 650 | 650 | 975 | 975 | 585 | 585 | 585 | | |
| 5. | Fan/Blower | | ← Single Phase Permanent Split Capacitor Type → | | | | | | | ← Single Phase PSC → | | | | | |

| OUTDOOR UNIT | | | MTK036 KS3A | MTK048 KD1A | MTK060 SS3A | MTK070 SS3A | MTK090 SS3A | MTK102 SS3A | MTK120 SS3A | |
|--------------|---------------------------|---------|------------------|-------------|-------------|-------------|-------------|-------------|-------------|--|
| 1. | Nominal Cooling Capacity* | Btu/h | 36000 | 48000 | 60000 | 69600 | 90000 | 102000 | 120000 | |
| | | TR | 3 | 4 | 5 | 5.8 | 7.5 | 8.5 | 10 | |
| | | KW | 10.55 | 14.07 | 17.59 | 20.40 | 26.38 | 29.89 | 35.17 | |
| 2. | Nominal Air Volume | CFM | 1800 | 2400 | 3000 | 3480 | 4500 | 5100 | 600 | |
| 3. | Power Supply | V/Ph/Hz | ← 380-420/3/50 → | | | | | | | |
| 4. | Dimensions | | | | | | | | | |
| | Height | mm | 580 | 1150 | 1150 | 1150 | 1090 | 1090 | 1090 | |
| | Length | mm | 1020 | 850 | 1020 | 1020 | 1125 | 1125 | 1125 | |
| | Depth | mm | 375 | 375 | 375 | 375 | 680 | 680 | 680 | |

* At 5.5°C evaporating & 52°C condensing temperatures
 ** Made by Danfoss Maneurop - France

Maxcool industrial & commercial air conditioners are designed to cool in tropical climate with outdoor temperatures upto 52°C.

Due to our continuous R&D programmes, all specifications are subject to improvements and changes.



Maxcool Technologies (I) Pvt. Ltd.
 C-6/1, T.T.C. Industrial Area
 Pawane, Navi Mumbai - 400 709
 Tel: +91 22 2761 8401, 02, 03
 Fax: +91 22 2761 8405
 E-mail: info@maxcoolglobal.com
 Web: www.maxcoolglobal.com

- Reliable
- Eco Friendly
- Energy Efficient