

LIGHT COMMERCIAL SOLUTIONS



TWIST

DUCTED INVERTER AIR CONDITIONER



COMPACT DESIGN WITH
A HEIGHT <300MM TO BE
INTEGRATED IN FALSE CEILING



REVERSIBLE UNIT WITH FULL
INVERTER TECHNOLOGY



EASY INSTALLATION
AND MAINTENANCE
WITH THE PANEL REMOVAL



HIGH STATIC PRESSURE
UP TO 160PA



STANDARD UNIT INTEGRATES
CONDENSATE DRAIN PUMP
AND OPTIONAL FRESH AIR INLET



DUAL REFRIGERANT
(R410A/R32) INDOOR UNITS
TO REDUCE INVENTORY



TECHNICAL CHARACTERISTICS



| TWIST | | | | | | | | |
|-------------------------------------|-----|-------------|-------------|-------------|-------------------|------------------|------------------|------------------|
| TECHNICAL CHARACTERISTICS | | 12K btu/hr* | 18K btu/hr* | 24K btu/hr | 36K btu/hr (Mono) | 36K btu/hr (Tri) | 48K btu/hr (Tri) | 60K btu/hr (Tri) |
| Cooling capacity | kW | 3.5 | 5.2 | 7.05 | 10.5 | 10.5 | 14.0 | 15.4 |
| P design capacity cooling | kW | 3.50 | 5.20 | 7.05 | 10.50 | 10.50 | 14.00 | 15.40 |
| Temp range cooling | °C | -15-50 | -15-50 | -15-50 | -15-50 | -15-50 | -15-50 | -15-50 |
| SEER | W/W | 6.5 | 6.1 | 6.8 | 6.1 | 6.2 | 6.1 | 6.1 |
| EER | W/W | 3.7 | 3.2 | 3.2 | 2.52 | 2.8 | 2.7 | 2.8 |
| Energy label | | A++ | A++ | A++ | A++ | A++ | A++ | A++ |
| Yearly energy consumption | kWh | 189 | 305 | 380 | 602 | 593 | 803 | 884 |
| Heating capacity | kW | 4.1 | 5.8 | 7.6 | 11.3 | 11.6 | 15.6 | 18 |
| Heating capacity at -7°C | kW | na | na | 5.30 | 10.30 | 9.90 | 11.60 | 12.60 |
| Heating capacity at -10°C | kW | na | na | 4.70 | 9.60 | 9.10 | 10.70 | 11.80 |
| Heating capacity at -15°C | kW | na | na | 3.50 | 8.30 | 8.10 | 9.10 | 10.20 |
| P design capacity heating (warmer) | kW | 3.70 | 5.30 | 5.60 | 10.00 | 10.50 | 11.80 | 12.70 |
| P design capacity heating (average) | kW | 3.20 | 4.30 | 5.00 | 8.40 | 8.00 | 11.80 | 12.00 |
| Temp range heating | °C | -15-24 | -15-24 | -15-24 | -15-24 | -15-24 | -15-24 | -15-24 |
| SCOP (average) / SCOP (warmer) | W/W | 4.0/5.1 | 4.0/5.1 | 4.0/4.8 | 4.0/4.9 | 4.0/5.1 | 4.0/5.0 | 4.0/5.1 |
| COP | W/W | 3.7 | 3.7 | 3.8 | 3.5 | 3.8 | 3.80 | 3.4 |
| Energy label | | A+/A+++ | A+/A+++ | A+/A+++ | A+/A+++ | A+/A+++ | A+/A+++ | A+/A+++ |
| Yearly energy consumption | kWh | 690/1016 | 1505/1455 | 1750 / 1633 | 2940 / 2857 | 2800 / 2883 | 4130 / 3304 | 4200 / 3486 |

| INDOOR UNIT | | 42HY12V58C | 42HY18V58C | 42HY24VR8C | 42HY36VR8C | 42HY36VR8C | 42HY48VR8C | 42HY60VR8C |
|-------------------------------------|-------|-------------|-------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| Sound power level | dB(A) | 56 | 59 | 63 | 65 | 65 | 67 | 71 |
| Sound pressure level (high/med/low) | dB(A) | 35/30.5/26 | 41.5/38/33 | 42 / 40 / 38 | 45 / 42 / 39 | 45 / 42 / 39 | 51 / 49 / 47 | 54 / 52 / 50 |
| Air flow (high/med/low) | m³/h | 600/480/300 | 880/650/350 | 1250 / 1050 / 840 | 1400 / 1150 / 750 | 1400 / 1150 / 750 | 2400 / 2040 / 1680 | 2600 / 2210 / 1820 |
| Weight | kg | 18 | 24.3 | 31.5 | 40.5 | 40.5 | 47.5 | 46 |
| Dimensions (WxDxH) | mm | 700x450x200 | 880x674x210 | 1100x774x249 | 1360x774x249 | 1360x774x249 | 1200x874x300 | 1200x874x300 |

| OUTDOOR UNIT | | 38HU12V58C | 38HU18V58C | 38HU24V58C | 38HU36V58C | 38HU36VT8C | 38HU48VT8C | 38HU60VT8C |
|-------------------------------|---------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Sound power level | dB(A) | 61 | 63 | 67 | 69 | 69 | 75 | 77 |
| Sound pressure level | dB(A) | 55.5 | 55.5 | 61 | 64 | 64 | 66 | 66 |
| Airflow | m³/h | 2000 | 2000 | 2700 | 4000 | 4000 | 7500 | 7500 |
| Weight | kg | 34.7 | 33.7 | 49.5 | 67 | 81.5 | 107 | 112 |
| Dimensions (WxDxH) | mm | 800x333x554 | 800x333x554 | 845x363x702 | 946x410x810 | 946x410x810 | 952x415x1333 | 952x415x1333 |
| Refrigerant amount | kg | 0.87 | 1.15 | 1.50 | 2.40 | 2.40 | 2.80 | 2.95 |
| Liquid side/ Gas side | inch | {1/4"} / {3/8"} | {1/4"} / {1/2"} | {3/8"} / {5/8"} | {3/8"} / {5/8"} | {3/8"} / {5/8"} | {3/8"} / {5/8"} | {3/8"} / {5/8"} |
| Standard piping length | m | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Min piping length | m | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Max piping length | m | 25 | 30 | 50 | 65 | 65 | 65 | 65 |
| Max height difference | m | 10 | 20 | 25 | 30 | 30 | 30 | 30 |
| Recommended additional charge | g/m | 12 | 12 | 24 | 24 | 24 | 24 | 24 |
| Voltage | V-ph-Hz | 220-240V / 50Hz / 1Ph | 220-240V / 50Hz / 1Ph | 220-240V / 50Hz / 1Ph | 220-240V / 50Hz / 1Ph | 380-415V / 50Hz / 3Ph | 380-415V / 50Hz / 3Ph | 380-415V / 50Hz / 3Ph |
| Standard current (cooling) | A | 4.22 | 7.2 | 10.3 | 17.5 | 6.8 | 8.3 | 9 |
| Standard input (cooling) | W | 950 | 1633 | 2260 | 3950 | 4070 | 5150 | 5470 |
| Standard current (heating) | A | 5 | 7 | 9.0 | 14.1 | 5.4 | 6.7 | 8.6 |
| Standard input (heating) | W | 1100 | 1580 | 1960 | 3180 | 3050 | 4230 | 5330 |

*Preliminary data

KEY FEATURES

- Washable filter.
- Refrigerant leak detection.
- Wireless remote control.
- Auto restart mode.
- Follow me function, for airflow control.

CONTROLS



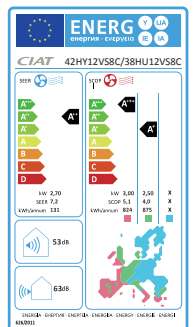
Wireless remote control (supplied as standard)



Wired control (option)



Central wired control Up to 64 units (option)



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