



LARGE COMMERCIAL

Split System 23-45 Tons

TTV/TTA R410A Series 50 Hz



TTV-TTA R410A

Cool You, Cool The Earth

Specially design of commercial and industrial air conditioner with non-ozone depletion refrigerant R-410A to provide steady comfort with reliability and flexibility for all applications in split air conditioning system together with effort to cool down the earth and protect our environment.

Quality and Reliability

• Scroll compressors are applied with excellent reliability and high efficiency.

- All units are 100% run tested prior to leaving the production line.
- Protect compressor damage from unstable electrical source or mis-phase connection with under/over voltage phase protection device.

TTV Air Handling Unit

- Vertical or horizontal discharge configuration (Arrangement 1 as standard)
- Power paint finished casing.
- Completely insulated with fire retardant insulation.

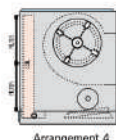
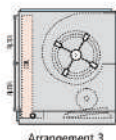
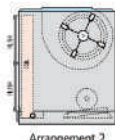
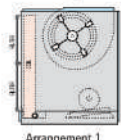
- Factory installed thermal expansion device (TXV).

TTA Condensing Unit

- Power paint finished casing.
- External current overload for compressor with under/over voltage over voltage & phase protector
- Refrigerant shut-off valve
- High & low pressure switch



Fan Arrangement



Product Specifications

| Models | Indoor unit | | TTV250JD | TTV250JD | TTV300JD | TTV300JD | TTV300JD | TTV400JD | TTV400JD | TTV500JD |
|--|--------------------------|---------|-----------------------------------|------------|---------------------|-----------------------|-----------------------|-----------------------|------------|-------------------|
| | Outdoor unit | | 2xTTA120JD | 2xTTA150JD | 2xTTA150JD | 2xTTA180JD | 2xTTA200JD | 2xTTA200JD | 2xTTA240JD | 2xTTA240JD |
| Performance Data | Nominal Cooling Capacity | Btu/h | 245,000 | 310,000 | 333,000 | 360,000 | 388,000 | 421,000 | 480,000 | 516,000 |
| | Nominal Airflow | CFM | 7,760 | 7,760 | 9,240 | 9,240 | 9,240 | 12,120 | 12,120 | 15,130 |
| Indoor Units | | | | | | | | | | |
| Electrical Data | Power Supply | V/ph/Hz | 380-415/3/50 | | | | | | | |
| No. of Refrigerant Circuit | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Expansion Device | Type | | Thermostatic Expansion Valve | | | | | | | |
| Fan | Type | | Forward Curve Centrifugal Fan | | | | | | | |
| | Qty | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Fan Motor | Output | hp | 5.5 | 5.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 10 |
| | RLA x Qty | A | 8.6 | 8.6 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 15.2 |
| Pre-Filter | Type | | 1-in Thickness Washable Aluminium | | | | | | | |
| Dimensions | H x W x D | mm | 1,219 x 1,808 x 1,040 | | | 1,372 x 1,808 x 1,040 | | 1,520 x 2,088 x 1,040 | | 1,653x2,569x1,275 |
| Weight | | kg | 353 | | | 421 | | 487 | | 685 |
| Refrigerant Pipe Size (per each circuit) | Liquid | in | 7/8 | | | 7/8 | | 7/8 | | 7/8 |
| | Suction | in | 2-1/8 | | | 2-1/8 | | 2-1/8 | | 2-1/8 |
| Outdoor Units (per EACH) | | | | | | | | | | |
| Electrical Data | Power Supply | V/ph/Hz | 380-415/3/50 | | | | | | | |
| No. of Refrigerant Circuit | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Compressor | Type | | Hermetic Scroll | | | | | | | |
| | RLA x Qty | A | 21.4 | 27.6 | 18.6 x 2 | 20.0 x 2 | 25.0 x 2 | | | |
| Fan Motor | RLA x Qty | A | 1.5 | 1.5 | 1.5 x 2 | 1.5 x 2 | 1.5 x 2 | | | |
| Dimensions | H x W x D | mm | 1,070x1,042x953 | | 1,270 x 1,242 x 953 | | 1,050 x 2,200 x 1,050 | | | |
| Weight | | kg | 199 | 245 | 415 | 428 | 462 | | | |
| Piping Connection Type | | | Shut-off Valve - Braze Connection | | | | | | | |
| Refrigerant Pipe Size | Liquid | in | 1/2 | 5/8 | 5/8 | 5/8 | 5/8 | 5/8 | 5/8 | 5/8 |
| | Suction | in | 1-3/8 | 1-5/8 | 1-5/8 | 1-5/8 | 1-5/8 | 1-5/8 | 1-5/8 | 1-5/8 |
| Refrigerant | | | R-410A | | | | | | | |

Note: 1. Capacity is rated at ARI conditions of 80°/67° FDB/FWB for Indoor & 95° FDB for Outdoor
 2. Unit dimensions depth does not include the dimensions of unit's legs.
 3. Design and specification are subject to change without notice.



ทราน (ประเทศไทย)

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