

**TOPAIRE**

AIR CONDITIONERS

Horizontal  
Blow Ducted

SLIM · SPACE SAVING

# Air Cooled Ceiling Concealed Ducted Split System



*Innovation Beyond Comfort*

# SPECIFICATIONS

## Features

- 3 speed fan to suit your design requirements.
- Maximum external static pressure up to 0.5 inwg.
- Slim and low height (15 inch) suitable for low ceiling height installation.



TAS 25EG / TAS 30E



TAS 40E / TAS 50E



TAS 60E



TEB 30E



TEB 40E / TEB 50E / TEB 60E

| MODEL               | OUTDOOR                                       | TAS 25 EG    | TAS 30 E    | TAS 36 E                        | TAS 40 E    | TAS 50 E    | TAS 60 E    |
|---------------------|-----------------------------------------------|--------------|-------------|---------------------------------|-------------|-------------|-------------|
| NOMINAL CAPACITY    | INDOOR                                        | TEB 30 E     | TEB 30 E    | TEB 40 E                        | TEB 40 E    | TEB 50 E    | TEB 60 E    |
|                     | BTU/HR                                        | 25,000       | 30,000      | 36,000                          | 40,000      | 50,000      | 60,000      |
|                     | KW                                            | 7.33         | 8.79        | 10.55                           | 11.72       | 14.65       | 17.58       |
| INDOOR              | FEATURE                                       |              |             |                                 |             |             |             |
| POWER SUPPLY        | V/PH/Hz                                       | 240 / 1 / 50 |             |                                 |             |             |             |
| FAN                 |                                               |              |             |                                 |             |             |             |
| TYPE                | CENTIFUGAL / DIRECT DRIVE                     |              |             |                                 |             |             |             |
| AIR FLOW            | CFM                                           | 970          | 970         | 1300                            | 1300        | 1500        | 1700        |
| EXTERNAL STATIC     | INWG                                          | 0.5          | 0.5         | 0.5                             | 0.5         | 0.5         | 0.5         |
| RATED POWER INPUT   | WATT                                          | 360          | 360         | 600                             | 600         | 600         | 600         |
| NOISE LEVEL         | dB (A )                                       | 47           | 47          | 50                              | 50          | 50          | 52          |
| RATED AMPERE        | A                                             | 1.3          | 1.3         | 1.47                            | 1.47        | 1.47        | 1.47        |
| EVAPORATOR COIL     |                                               |              |             |                                 |             |             |             |
| TUBE                | SEAMLESS INNER GROOVE COPPER TUBE             |              |             |                                 |             |             |             |
| FIN                 | ANTI CORROSION HYDROPHILIC ALUMINIUM SLIT FIN |              |             |                                 |             |             |             |
| FACE AREA           | SQ.FT                                         | 2.25         | 2.25        | 2.9                             | 2.9         | 2.9         | 2.9         |
| ROWS / FIN PER INCH | R / FPI                                       | 3 / 16       | 3 / 16      | 3 / 16                          | 3 / 16      | 3 / 16      | 3 / 16      |
| REFRIGERANT CONTROL | CAPILLARY TUBE IN OUTDOOR UNIT                |              |             | ORIFICE IN INDOOR UNIT          |             |             |             |
| MOTOR               |                                               |              |             |                                 |             |             |             |
| TYPE                | 3 SPEED P.S.C                                 |              |             |                                 |             |             |             |
| AIR FILTER          | WASHABLE ANTI FUNGUS SARAN NET FILTER         |              |             |                                 |             |             |             |
| UNIT DIMENSION      |                                               |              |             |                                 |             |             |             |
| WIDTH               | MM                                            | 850          | 850         | 1200                            | 1200        | 1200        | 1200        |
| DEPTH               | MM                                            | 660          | 660         | 660                             | 660         | 660         | 660         |
| HEIGHT              | MM                                            | 380          | 380         | 380                             | 380         | 380         | 380         |
| NET WEIGHT          | KG                                            | 49           | 49          | 65                              | 65          | 66          | 67          |
| OUTDOOR             | FEATURE                                       |              |             |                                 |             |             |             |
| COMPRESSOR          |                                               |              |             |                                 |             |             |             |
| TYPE                | ROTARY HERMATIC                               |              |             | SCROLL HERMETIC                 |             |             |             |
| POWER SUPPLY        | V/PH/Hz                                       | 240 / 1 / 50 |             |                                 |             |             |             |
| RATED POWER INPUT   | WATT                                          | 2540         | 3000        | 3820                            | 3750        | 4840        | 6570        |
| RATED AMPERE        | A                                             | 11.4         | 12.3        | 16.52                           | 5.22        | 8.1         | 10.5        |
| PROTECTION DEVICE   | THERMAL OVERLOAD                              |              |             | AUTO RESET HI-LO PRESURE SWITCH |             |             |             |
| FAN                 |                                               |              |             |                                 |             |             |             |
| TYPE                | PROPELLER FAN / DIRECT DRIVE                  |              |             |                                 |             |             |             |
| RATED POWER INPUT   | WATT                                          | 68           | 136         | 286                             | 286         | 286         | 148 X 2     |
| RATED AMPERE        | A                                             | 0.6          | 0.7         | 1.3                             | 1.3         | 1.3         | 3.5 X 2     |
| CONDENSER COIL      |                                               |              |             |                                 |             |             |             |
| TUBE                | SEAMLESS INNER GROOVE COPPER TUBE             |              |             |                                 |             |             |             |
| FIN                 | ALUMINIUM SLIT FIN                            |              |             |                                 |             |             |             |
| REFRIGERANT         | R - 22                                        |              |             |                                 |             |             |             |
| CAPACITY CONTROL    | CAPILLARY TUBE IN OUTDOOR UNIT                |              |             | ORIFICE IN INDOOR UNIT          |             |             |             |
| PIPE                |                                               |              |             |                                 |             |             |             |
| DISCHARGE           | MM / (IN)                                     | 9.52 (3/8)   | 9.52 (3/8)  | 9.52 (3/8)                      | 9.52 (3/8)  | 9.52 (3/8)  | 9.52 (3/8)  |
| SUCTION             | MM / (IN)                                     | 15.88 (5/8)  | 15.88 (5/8) | 19.05 (3/4)                     | 19.05 (3/4) | 19.05 (3/4) | 19.05 (3/4) |
| CASING              |                                               |              |             |                                 |             |             |             |
| MATERIAL            | ELECTRO-GALVANIZED MILD STEEL                 |              |             |                                 |             |             |             |
| FINISH              | EPOXY POWDER COATING                          |              |             |                                 |             |             |             |
| DIMENSION           |                                               |              |             |                                 |             |             |             |
| WIDTH               | MM                                            | 845          | 895         | 990                             | 990         | 990         | 940         |
| DEPTH               | MM                                            | 335          | 320         | 350                             | 350         | 350         | 340         |
| HEIGHT              | MM                                            | 695          | 860         | 960                             | 960         | 960         | 1245        |
| NET WEIGHT          | KG                                            | 58           | 64          | 80                              | 85          | 90          | 110         |

All specifications are subject to change by manufacturer without prior notice.

Note : The nominal cooling capacity is based on condenser outdoor air entering temp. 35°C (DB); indoor on coil temp. 27/19°C ( DB / WB )



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DB TOPAIRE SDN BHD



MS ISO 9001: 2000 REG. NO. AR 2951