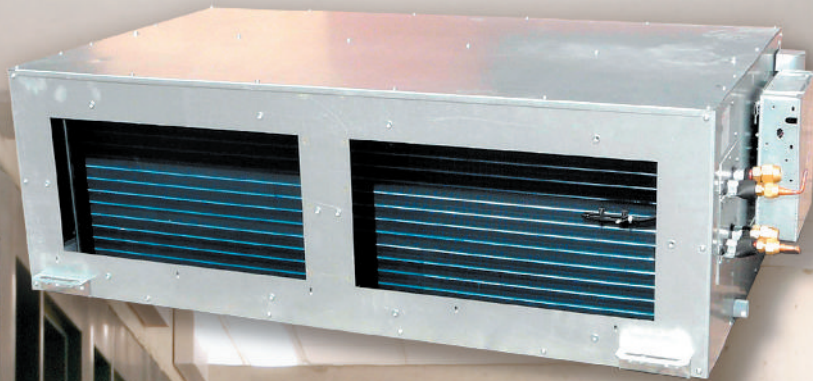




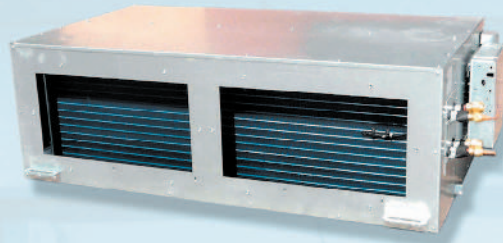
# Alliance

## R 2 2 D U C T E D S P L I T S



- *3 models: 96 000 to 205 000 Btu/h*
- *Indoor air-flow from 5000 m<sup>3</sup>/h to 11 200 m<sup>3</sup>/h*
- *3-phase*
- *Backed nationwide by Alliance*

# R 2 2 D U C T E D S P L I T S



## Alliance R22 Ducted Splits

With 4 different ducted models available, Alliance Ducted Splits cover a wide range of applications, particularly in the commercial/industrial field, providing both cooling and heating. With refrigerant piping length of up to 50 metres, the outdoor unit can easily be situated in a convenient place. Backed by nationwide branches of Alliance, this range of Ducted Splits provides a cost-effective climate control solution for large areas.

## Technical Data

| Model                                       | Outdoor              | CSU-96HD        | CSU-150HD     | CSU-205HD           |
|---|----------------------|-----------------|---------------|---------------------|
|   | Indoor               | CSU-96HD        | CSU-150HD     | CSU-205HD           |
| <b>Capacity</b>                             |                      |                 |               |                     |
| Cooling/Heating                             | Btu/h                | 96000/107500    | 150000/165000 | 200000/214900       |
|   | kW                   | 28 / 31.5       | 43.9 / 48.3   | 58.6/63             |
| <b>Electrical</b>                           |                      |                 |               |                     |
| Voltage/Freq./Phase                         | V/Hz/Ph              | 380/50/3        | 380/50/3      | 380/50/3            |
| Power Input                                 | W                    | 10800/10500     | 16000/17000   | 20700/20800         |
|   |                      |                 |               |                     |
| Operating Current                           | A                    | 18.5 / 18       | 30 / 32       |                     |
|   |                      |                 |               |                     |
| <b>Performance</b>                          |                      |                 |               |                     |
| EER   | Btu/h.W              | 8.9             | 9.3           | 9.6                 |
| COP   | W/W                  | 2.6             | 2.7           | 2.8                 |
| Airflow Volume:                             | m <sup>3</sup> /h@Pa | 5000 @ 150      | 8000@150      | 11200@150           |
|   |                      |                 |               |                     |
| Noise Level – High                          | dB(A)                | 50 / 68         |               |                     |
| Indoor/Outdoor                              |                      |                 |               |                     |
| <b>Net Dimensions &amp; Weight</b>          |                      |                 |               |                     |
| Indoor unit WxHxD                           | mm                   | 1350x450x760    | 1830x860x670  | 1830x670x860        |
| Outdoor unit WxHxD                          | mm                   | 1290x1540x750   | 1355x1615x747 | 2 x (980x1615x800)  |
| Net weight                                  | kg                   | 105 / 290       | 188 / 356     | 200 / (290x2)       |
|   |                      |                 |               |                     |
| <b>Packaging Dimens. &amp; Gross Weight</b> |                      |                 |               |                     |
| Indoor unit WxHxD                           | mm                   | 1600x700x1010   | 2056x930x690  | 2056x930x690        |
| Outdoor unit WxHxD                          | mm                   | 1360x1720x820   | 1434x1790x860 | 2 x (1104x2030x800) |
| Gross weight                                | kg                   | 120 / 305       | 220 / 382     | 216 / (310x2)       |
|   |                      |                 |               |                     |
| <b>Piping Connections</b>                   |                      |                 |               |                     |
| Liquid side (HP)                            | mm (inch)            | 2 x 9.53 (3/8") | 16.0 (5/8")   | 2 x 12.7 (1/2")     |
| Gas side (LP)                               | mm (inch)            | 2 x 19 (3/4")   | 35 (1&3/8")   | 2 x 28.6 (9/8")     |
| Max length                                  | m                    | 50              | 50            | 50                  |
| Max Height                                  | m                    | 20              | 20            | 20                  |

Alliance reserves the right to discontinue or change specifications or design at any time without notice and without incurring obligation.

Sold, distributed and nationally supported by Alliance at:

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Port Elizabeth: (041) 484-6413

Pretoria: (012) 643-0445

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