

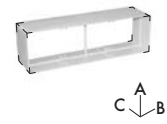
# Ducting & Accessories

## Flat Channel 1.5 metre length



| 5 metre length |                      | External Dimensions |     |      |        | Resistance (Pa) at flow rate |         |        |        |         |        |        |
|----------------|----------------------|---------------------|-----|------|--------|------------------------------|---------|--------|--------|---------|--------|--------|
| Stock Ref      | Duct Size            | A                   | B   | C    | 8 l/s  | 13 l/s                       | 21 l/s  | 29 l/s | 37 l/s | 45 l/s  | 53 l/s | 61 l/s |
| 406870         | Insulated 204 x 60   | 160                 | 304 | 1600 | <1     | <1                           | 1.3     | 2.2    | 3.3    | 4.5     | 5.9    | 7.8    |
| 436617         | Uninsulated 204 x 60 | 60                  | 204 | 1500 | <1     | <1                           | 1.3     | 2.2    | 3.3    | 4.5     | 5.9    | 7.8    |
| 436599         | Uninsulated 110 x 54 | 54                  | 110 | 1500 | 1.2    | 2.4                          | 5.3     | 9.1    | 13.9   | 19.8    | 25.9   | 32     |
| Stock Ref      | Duct Size            | A                   | B   | C    | 60 l/s |                              | 120 l/s |        |        | 180 l/s |        |        |
| 407343         | Insulated 220 x 90   | 190                 | 320 | 1600 | 1.4    |                              | 4.9     |        |        | 10.2    |        |        |
| 403025         | Uninsulated 220 x 90 | 90                  | 220 | 1500 | 1.4    |                              | 4.9     |        |        | 10.2    |        |        |

## Flat Channel Connector. F to F



| Connector. F to F |           | External Dimensions |     |     | Resistance (Pa) at flow rate |        |        |         |        |        |         |        |
|-------------------|-----------|---------------------|-----|-----|------------------------------|--------|--------|---------|--------|--------|---------|--------|
| Stock Ref         | Duct Size | A                   | B   | C   | 8 l/s                        | 13 l/s | 21 l/s | 29 l/s  | 37 l/s | 45 l/s | 53 l/s  | 61 l/s |
| 436623            | 204 x 60  | 64                  | 212 | 100 | <1                           | <1     | <1     | <1      | <1     | <1     | 1.2     | 1.5    |
| 436605            | 110 x 54  | 54                  | 114 | 100 | <1                           | <1     | 1.1    | 1.4     | 2.2    | 3.4    | 4.8     | 6.4    |
| Stock Ref         | Duct Size | A                   | B   | C   | 60 l/s                       |        |        | 120 l/s |        |        | 180 l/s |        |
| 403026            | 220 x 90  | 95                  | 224 | 52  | <1                           |        |        | <1      |        |        | <1      |        |

## Channel Fixing Clip (Pack of 10)



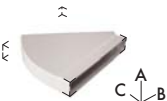
| Stock Ref | Duct Size | External Dimensions |    |    | Resistance (Pa) at flow rate |  |  |         |  |  |         |  |  |
|-----------|-----------|---------------------|----|----|------------------------------|--|--|---------|--|--|---------|--|--|
|           |           | A                   | B  | C  | 60 l/s                       |  |  | 120 l/s |  |  | 180 l/s |  |  |
| 403030    | 220 x 90  | 97                  | 44 | 19 | N/A                          |  |  | N/A     |  |  | N/A     |  |  |

## Horizontal 90° Bend. F to F



| Bend. F to F |                      | External Dimensions |     |     | Resistance (Pa) at flow rate |        |        |         |        |        |         |        |
|--------------|----------------------|---------------------|-----|-----|------------------------------|--------|--------|---------|--------|--------|---------|--------|
| Stock Ref    | Duct Size            | A                   | B   | C   | 8 l/s                        | 13 l/s | 21 l/s | 29 l/s  | 37 l/s | 45 l/s | 53 l/s  | 61 l/s |
| 406879       | Insulated 204 x 60   | 160                 | 360 | 360 | 0.7                          | 1.7    | 4.1    | 8.4     | 13     | 18     | 25      | 34     |
| 436620       | Uninsulated 204 x 60 | 65                  | 260 | 260 | 0.7                          | 1.7    | 4.1    | 8.4     | 13     | 18     | 25      | 34     |
| 436602       | Uninsulated 110 x 54 | 60                  | 152 | 152 | 2.3                          | 9.9    | 21     | 38      | 64     | 93     | 124     | 162    |
| Stock Ref    | Duct Size            | A                   | B   | C   | 60 l/s                       |        |        | 120 l/s |        |        | 180 l/s |        |
| 407342       | Insulated 220 x 90   | 190                 | 350 | 350 | 9                            |        |        | 36      |        |        | 80      |        |
| 403028       | Uninsulated 220 x 90 | 95                  | 250 | 250 | 9                            |        |        | 36      |        |        | 80      |        |

## Horizontal 45° Bend. F to F



| Bend. F to F |                      | External Dimensions |     |     | Resistance (Pa) at flow rate |        |        |         |        |        |         |        |
|--------------|----------------------|---------------------|-----|-----|------------------------------|--------|--------|---------|--------|--------|---------|--------|
| Stock Ref    | Duct Size            | A                   | B   | C   | 8 l/s                        | 13 l/s | 21 l/s | 29 l/s  | 37 l/s | 45 l/s | 53 l/s  | 61 l/s |
| 406876       | Insulated 204 x 60   | 160                 | 340 | 360 | 0.2                          | 0.7    | 1.2    | 2.1     | 3.8    | 6.1    | 9.2     | 13     |
| 249944       | Uninsulated 204 x 60 | 65                  | 240 | 260 | 0.2                          | 0.7    | 1.2    | 2.1     | 3.8    | 6.1    | 9.2     | 13     |
| Stock Ref    | Duct Size            | A                   | B   | C   | 60 l/s                       |        |        | 120 l/s |        |        | 180 l/s |        |
| 449363       | Uninsulated 220 x 90 | 95                  | 240 | 200 | 5                            |        |        | 20      |        |        | 46      |        |

## Horizontal T. F to F to F



| to F to F |                      | External Dimensions |     |     | Resistance (Pa) at flow rate |        |        |         |        |        |         |        |
|-----------|----------------------|---------------------|-----|-----|------------------------------|--------|--------|---------|--------|--------|---------|--------|
| Stock Ref | Duct Size            | A                   | B   | C   | 8 l/s                        | 13 l/s | 21 l/s | 29 l/s  | 37 l/s | 45 l/s | 53 l/s  | 61 l/s |
| 406883    | Insulated 204 x 60   | 160                 | 410 | 355 | vary on installation         |        |        |         |        |        |         |        |
| 436551    | Uninsulated 204 x 60 | 65                  | 310 | 255 | vary on installation         |        |        |         |        |        |         |        |
| 436614    | Uninsulated 110 x 54 | 60                  | 185 | 150 | vary on installation         |        |        |         |        |        |         |        |
| Stock Ref | Duct Size            | A                   | B   | C   | 60 l/s                       |        |        | 120 l/s |        |        | 180 l/s |        |
| 449365    | Uninsulated 220 x 90 | 95                  | 275 | 250 | vary on installation         |        |        |         |        |        |         |        |

## Vertical 90° Bend. F to F



nd. F to F

| Stock Ref | Duct Size            | External Dimensions |     |     | Resistance (Pa) at flow rate |        |        |         |        |        |         |        |
|-----------|----------------------|---------------------|-----|-----|------------------------------|--------|--------|---------|--------|--------|---------|--------|
|           |                      | A                   | B   | C   | 8 l/s                        | 13 l/s | 21 l/s | 29 l/s  | 37 l/s | 45 l/s | 53 l/s  | 61 l/s |
| 406872    | Insulated 204 x 60   | 215                 | 310 | 215 | 1.1                          | 2.5    | 5.2    | 9.8     | 16.1   | 24     | 33.6    | 45     |
| 436621    | Uninsulated 204 x 60 | 115                 | 210 | 115 | 1.1                          | 2.5    | 5.2    | 9.8     | 16.1   | 24     | 33.6    | 45     |
| 436603    | Uninsulated 110 x 54 | 95                  | 115 | 95  | 3.3                          | 15.5   | 36     | 61      | 96     | 138    | 190     | 253    |
| Stock Ref | Duct Size            | A                   | B   | C   | 60 l/s                       |        |        | 120 l/s |        |        | 180 l/s |        |
| 403029    | Uninsulated 220 x 90 | 117                 | 224 | 120 | 7                            |        |        | 28      |        |        | 66      |        |

## Vertical 45° Bend. F to F



| End. F to F |                      | External Dimensions |     |     | Resistance (Pa) at flow rate |        |        |         |        |        |         |        |
|-------------|----------------------|---------------------|-----|-----|------------------------------|--------|--------|---------|--------|--------|---------|--------|
| Stock Ref   | Duct Size            | A                   | B   | C   | 8 l/s                        | 13 l/s | 21 l/s | 29 l/s  | 37 l/s | 45 l/s | 53 l/s  | 61 l/s |
| 406871      | Insulated 204 x 60   | 200                 | 310 | 215 | 0.1                          | 0.5    | 1.3    | 2.5     | 4.4    | 6.9    | 10      | 13.3   |
| 445196      | Uninsulated 204 x 60 | 100                 | 210 | 115 | 0.1                          | 0.5    | 1.3    | 2.5     | 4.4    | 6.9    | 10      | 13.3   |
| 441655      | Uninsulated 110 x 54 | 115                 | 115 | 70  | 1                            | 2.4    | 6.6    | 12.9    | 23.1   | 35.1   | 48      | 64     |
| Stock Ref   | Duct Size            | A                   | B   | C   | 60 l/s                       |        |        | 120 l/s |        |        | 180 l/s |        |
| 449364      | Uninsulated 220 x 90 | 110                 | 225 | 115 | 6                            |        |        | 27      |        |        | 65      |        |