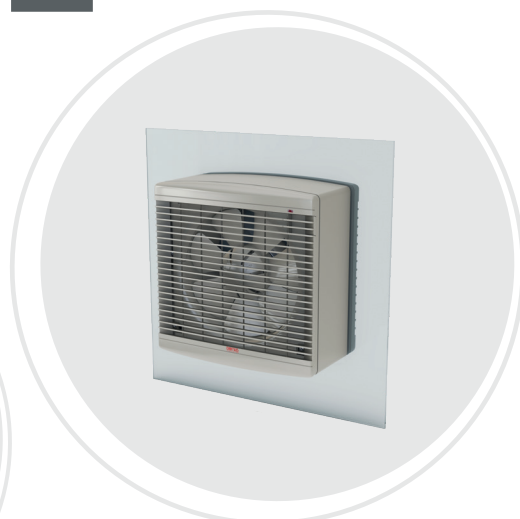


# D SERIES CATALOGUE



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BASIC FAN SELECTION

Please see the following step by step guide on how to select a fan unit. The extract rates are given as an example only, and the suitability of the product to meet all noise and Building Regulations for the proposed application should be confirmed. This is a basic guide and does not include selections based on specific fan power requirements under Part L of the Building Regulations etc. All noise and Building Regulations for the proposed application including Part F, and specifically Part B (with reference to building height) should be confirmed.

Required information: Room size | Application

Air change rate guide for various applications

| Application           | Air changes per hour |
|-----------------------|----------------------|
| Banks                 | 4 to 6               |
| Cafés / coffee bars   | 10 to 12             |
| Cellars               | 3 to 10              |
| Changing rooms        | 6 to 10              |
| Cinemas / theatres    | 6 to 10              |
| Conference rooms      | 8 to 10              |
| Dance halls           | 10 to 12             |
| Dark rooms            | 10 to 15             |
| Dental surgeries      | 12 to 15             |
| Entrance halls        | 3 to 5               |
| Factories / workshops | 8 to 10              |
| Garages               | 6 to 10              |
| Gymnasiums            | 6 to 8               |
| Hospital wards        | 6 to 8               |

| Application           | Air changes per hour |
|-----------------------|----------------------|
| Kitchens – commercial | 15 to 30             |
| Laundries             | 10 to 15             |
| Libraries             | 3 to 4               |
| Offices               | 4 to 6               |
| Public house bars     | 6 to 10              |
| Restaurants           | 10 to 15             |
| School rooms          | 4 to 6               |
| Shops / supermarkets  | 8 to 10              |
| Showers / bathrooms   | 15 to 20             |
| Stores / warehouses   | 3 to 6               |
| Swimming baths        | 15 to 20             |
| Toilets – public      | 6 to 8               |
| Utility rooms         | 15 to 20             |

How to calculate the required flowrate

What is the room volume m³?

▶ Example – 10m long x 5m wide x 2.5m high = 125m³

What is the application?

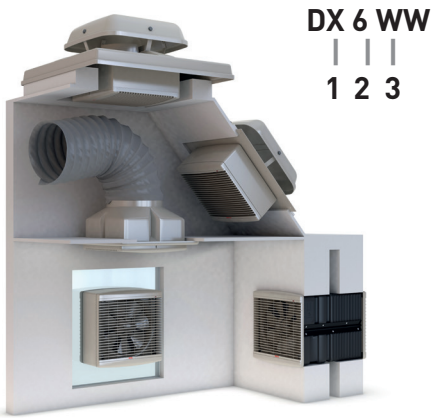
▶ Example – Wall mounted in an Office. six air changes necessary due to size (see table above)

What is the flowrate calculation?

▶ Room Volume m³ x air change = 750m³/h

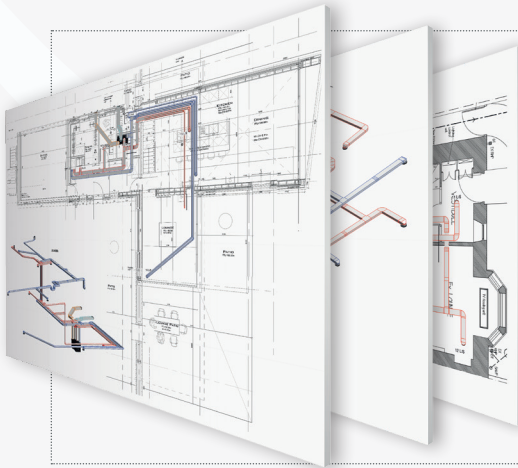
▶ To calculate the flow rate as m³/s divide your answer by 3600. Finally multiply the m³/s figure by 1000. This will leave you with your flow rate as l/s.

e.g.  $125\text{m}^3 \times 6 = 750\text{m}^3/\text{h}$   
 $750 \div 3600 = 0.208\text{m}^3/\text{s}$   
 $0.208\text{m}^3/\text{s} \times 1000 = 208\text{l/s}$



| Code breakdown |                 |   |
|----------------|-----------------|---|
| 1.             | D Series        |   |
| 2.             | Size indication |   |
| 3.             | Application     | WW = Window model<br>WL = Wall model<br>PL = Ceiling model<br>PR = Pitched Roof model<br>FR = Flat Roof model |

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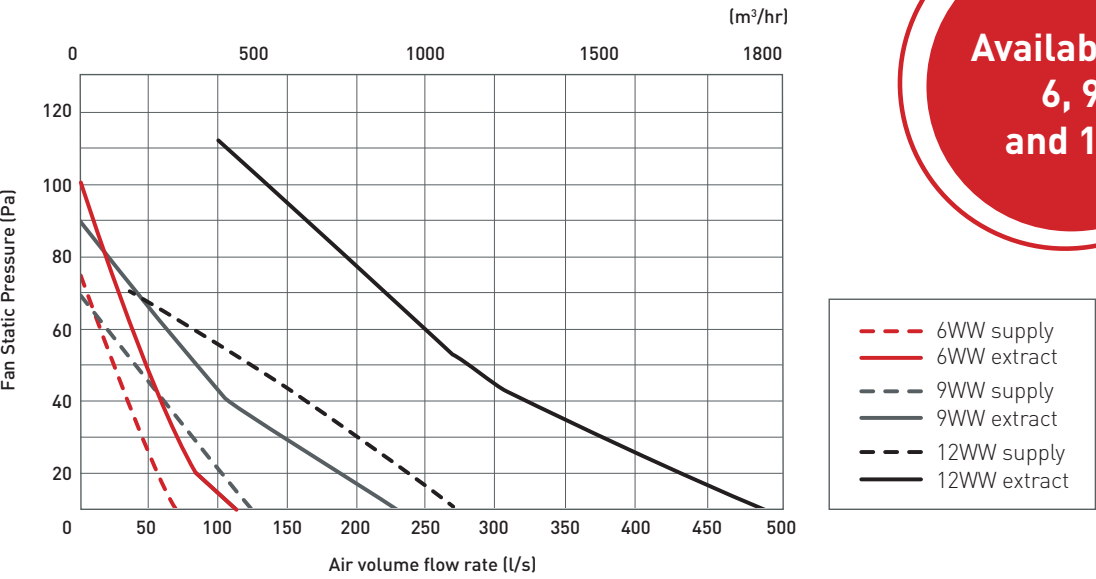
PERFORMANCE

D SERIES WINDOW (WW) FANS

Available as kits or basic fan modules with adaptable ancillaries such as window spacers and weather terminals, our D Series Window fans can be part of a new install or refurbishment project.

D Series 6, 9 and 12 inch Window Fans

Performance represents complete fan kit



Electrical and sound

| Code   | Noise/sound levels (dBA @ 3m) |                 |        |                | Input power (watts) |         |
|--------|-------------------------------|-----------------|--------|----------------|---------------------|---------|
|        | Extract                       | Extract economy | Supply | Supply economy | Standard            | Economy |
| DX6WW  | 42                            | 31              | 43     | 32             | 38                  | 20      |
| DX9WW  | 41                            | 30              | 43     | 32             | 50                  | 37      |
| DX12WW | 47                            | 36              | 48     | 37             | 100                 | 70      |



External Static Pressure (Pa)

| DX6WW Extract      | 0   | 20  | 40  | 60  |
|--------------------|-----|-----|-----|-----|
| Air Flowrate (l/s) | 121 | 79  | 52  | 34  |
| Input Power (W)    | 42  | 43  | 46  | 48  |
| SFP (W/l/s)        | 0.3 | 0.6 | 0.9 | 1.4 |

| DX9WW Extract      | 0   | 20  | 40  | 60 |
|--------------------|-----|-----|-----|----|
| Air Flowrate (l/s) | 226 | 160 | 103 | 61 |
| Input Power (W)    | 54  | 54  | 57  | 62 |
| SFP (W/l/s)        | 0.2 | 0.3 | 0.6 | 1  |

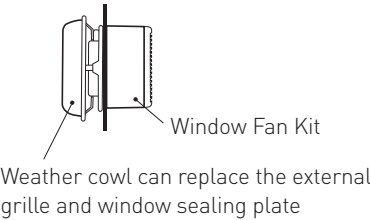
| DX12WW Extract     | 0   | 20  | 40  | 60  |
|--------------------|-----|-----|-----|-----|
| Air Flowrate (l/s) | 498 | 413 | 317 | 250 |
| Input Power (W)    | 110 | 110 | 113 | 117 |
| SFP (W/l/s)        | 0.2 | 0.3 | 0.4 | 0.5 |

D SERIES Window (WW) fan kits

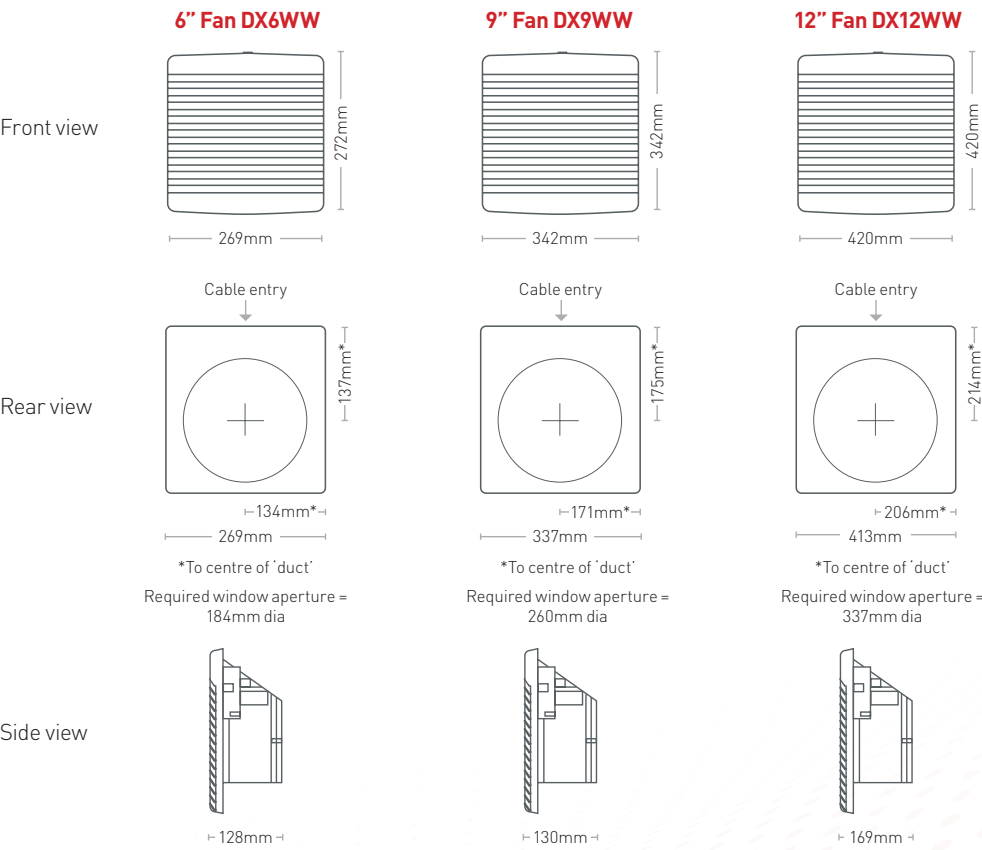


Typical installation

Exposed site window installation (use with Window Fan Kit)



Dimensions



PERFORMANCE

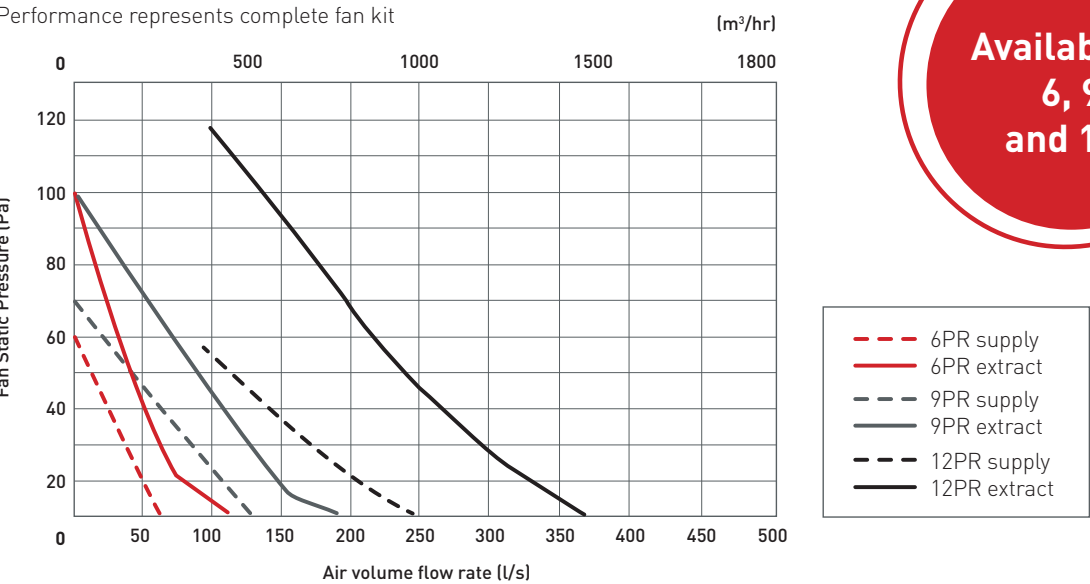
D SERIES PITCHED ROOF (PR) FANS

The low profile Pitched Roof kits are designed to be installed on angular roofs and suitable for all weather exposure.



D Series 6, 9 and 12 inch Pitched Roof Fans

Performance represents complete fan kit



Available in 6, 9 and 12"

Electrical and sound

| Code   | Noise/sound levels (dBA @ 3m) |                 |        |                | Input power (watts) |         |
|--------|-------------------------------|-----------------|--------|----------------|---------------------|---------|
|        | Extract                       | Extract economy | Supply | Supply economy | Standard            | Economy |
| DX6PR  | 42                            | 31              | 45     | 34             | 38                  | 38      |
| DX9PR  | 41                            | 30              | 43     | 32             | 50                  | 37      |
| DX12PR | 49                            | 38              | 48     | 37             | 100                 | 70      |

External Static Pressure (Pa)

| DX6PR Extract      | 0   | 20  | 40  | 60  |
|--------------------|-----|-----|-----|-----|
| Air Flowrate (l/s) | 112 | 74  | 51  | 36  |
| Input Power (W)    | 42  | 43  | 46  | 48  |
| SFP (W/l/s)        | 0.4 | 0.6 | 0.9 | 1.3 |

| DX9PR Extract      | 0   | 20  | 40  | 60  |
|--------------------|-----|-----|-----|-----|
| Air Flowrate (l/s) | 180 | 133 | 100 | 70  |
| Input Power (W)    | 54  | 55  | 58  | 61  |
| SFP (W/l/s)        | 0.3 | 0.4 | 0.6 | 0.9 |

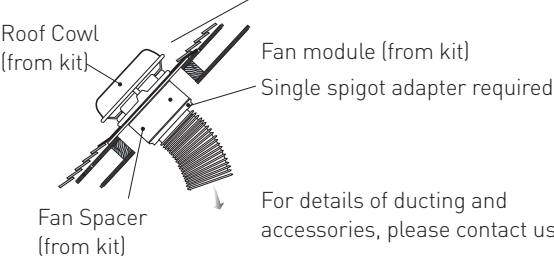
| DX12PR Extract     | 0   | 20  | 40  | 60  |
|--------------------|-----|-----|-----|-----|
| Air Flowrate (l/s) | 358 | 305 | 258 | 214 |
| Input Power (W)    | 107 | 109 | 111 | 113 |
| SFP (W/l/s)        | 0.3 | 0.4 | 0.4 | 0.5 |

D SERIES Pitched Roof (PR) fan kits



Typical installation

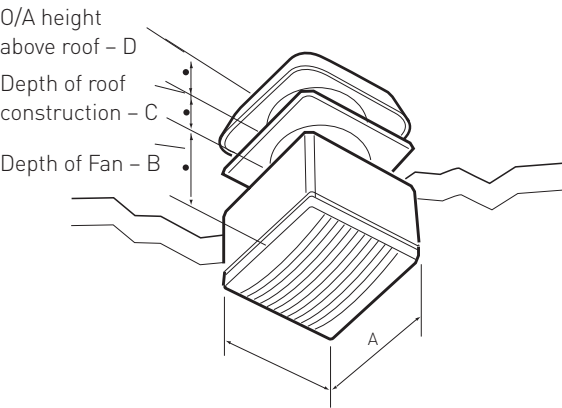
Pitched roof (ducted to ceiling) installation (use with Pitched Roof Fan Kit)



Dimensions (mm)

| D SERIES | 6       | 9       | 12      |
|----------|---------|---------|---------|
| A x A    | 272x272 | 342x342 | 420x420 |
| B        | 161     | 158     | 172     |
| C        | 150     | 150     | 150     |
| D        | 170     | 180     | 185     |
| kg       | 6.3     | 9.1     | 11.8    |

A = Opening size, B = Overall size





PERFORMANCE

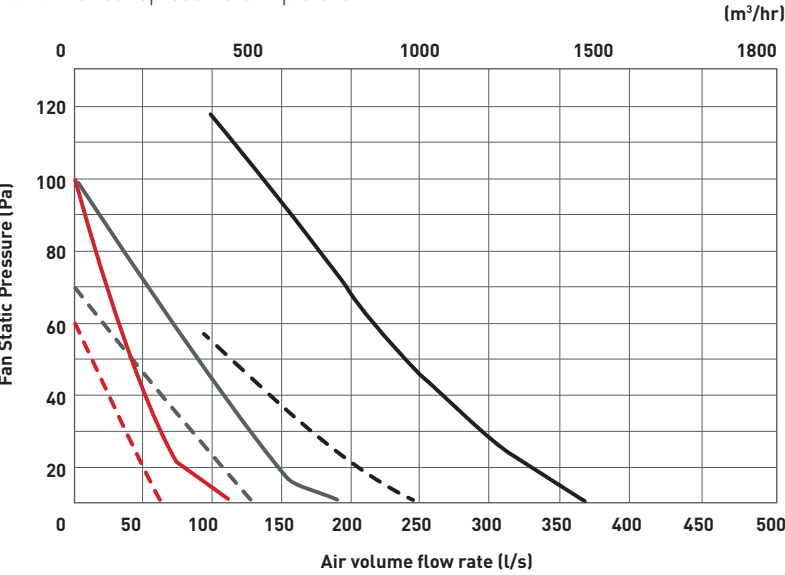
D SERIES FLAT ROOF (FR) FANS



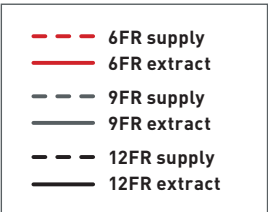
Complementing the Pitched Roof offering, these fan kits ensure the D Series portfolio is comprehensive and practical in application.

D Series 6, 9 and 12 inch Flat Roof Fans

Performance represents complete fan kit



Available in  
6, 9  
and 12"



Electrical and sound

| Code   | Noise/sound levels (dBA @ 3m) |                 |        |                | Input power (watts) |         |
|--------|-------------------------------|-----------------|--------|----------------|---------------------|---------|
|        | Extract                       | Extract economy | Supply | Supply economy | Standard            | Economy |
| DX6FR  | 42                            | 31              | 45     | 34             | 38                  | 38      |
| DX9FR  | 41                            | 30              | 43     | 32             | 50                  | 37      |
| DX12FR | 49                            | 38              | 48     | 37             | 100                 | 70      |

External Static Pressure (Pa)

| DX6FR Extract      | 0   | 20  | 40  | 60  |
|--------------------|-----|-----|-----|-----|
| Air Flowrate (l/s) | 112 | 74  | 51  | 36  |
| Input Power (W)    | 42  | 43  | 46  | 48  |
| SFP (W/l/s)        | 0.4 | 0.6 | 0.9 | 1.3 |

| DX9FR Extract      | 0   | 20  | 40  | 60  |
|--------------------|-----|-----|-----|-----|
| Air Flowrate (l/s) | 180 | 133 | 100 | 70  |
| Input Power (W)    | 54  | 55  | 58  | 61  |
| SFP (W/l/s)        | 0.3 | 0.4 | 0.6 | 0.9 |

| DX12FR Extract     | 0   | 20  | 40  | 60  |
|--------------------|-----|-----|-----|-----|
| Air Flowrate (l/s) | 358 | 305 | 258 | 214 |
| Input Power (W)    | 107 | 109 | 111 | 113 |
| SFP (W/l/s)        | 0.3 | 0.4 | 0.4 | 0.5 |

Dimensions (mm)

| D SERIES | 6       | 9       | 12      |
|----------|---------|---------|---------|
| A x A    | 272x272 | 342x342 | 420x420 |
| B        | 161     | 158     | 172     |
| C        | 150     | 150     | 150     |
| D        | 170     | 180     | 185     |
| kg       | 6.3     | 9.1     | 11.8    |

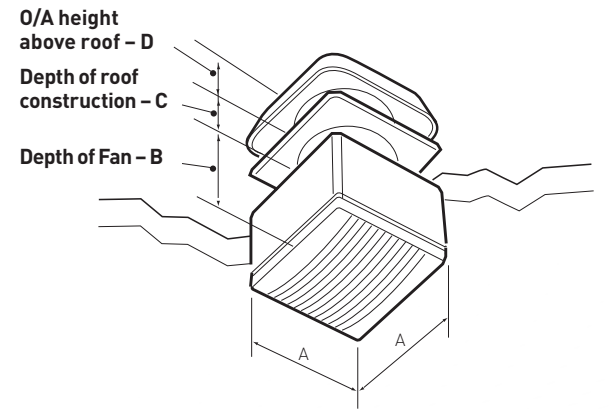
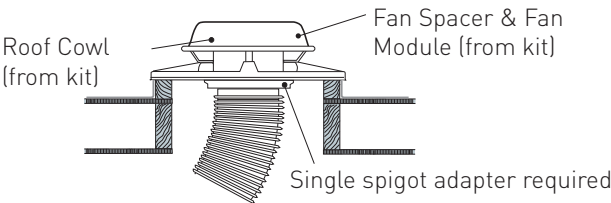
A = Opening size, B = Overall size

D SERIES Flat Roof (FR) fan kits



Typical installation

Flat roof (ducted to ceiling) installation (use with Ceiling Fan Kit)



PERFORMANCE

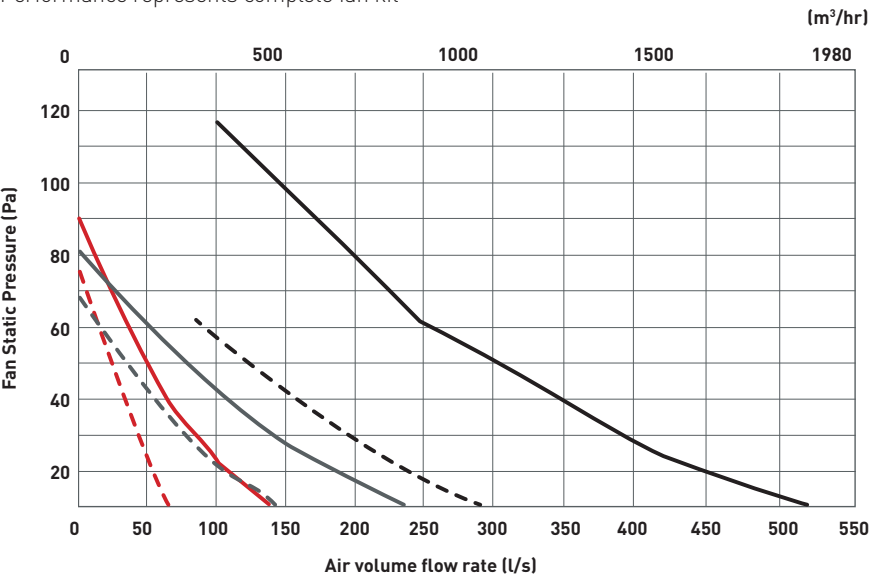
D SERIES  
WALL (WL) FANS

An ultra quiet wax thermo actuator combines with highly innovative motor and impeller technology to produce one of the quietest wall fans available.



D Series 6, 9 and 12 inch Wall Fans

Performance represents complete fan kit



Available in  
6, 9  
and 12"

Electrical and sound

| Code   | Noise/sound levels (dBA @ 3m) |                 |        |                | Input power (watts) |         |
|--------|-------------------------------|-----------------|--------|----------------|---------------------|---------|
|        | Extract                       | Extract economy | Supply | Supply economy | Standard            | Economy |
| DX6WL  | 42                            | 31              | 45     | 34             | 38                  | 20      |
| DX9WL  | 45                            | 34              | 45     | 34             | 50                  | 37      |
| DX12WL | 47                            | 36              | 47     | 36             | 100                 | 70      |

External Static Pressure (Pa)

| DX6WL Extract      | 0   | 20  | 40  | 60  |
|--------------------|-----|-----|-----|-----|
| Air Flowrate (l/s) | 131 | 110 | 65  | 38  |
| Input Power (W)    | 42  | 42  | 44  | 48  |
| SFP (W/l/s)        | 0.3 | 0.4 | 0.7 | 1.3 |

| DX9WL Extract      | 0   | 20  | 40  | 60 |
|--------------------|-----|-----|-----|----|
| Air Flowrate (l/s) | 236 | 180 | 105 | 60 |
| Input Power (W)    | 54  | 54  | 57  | 62 |
| SFP (W/l/s)        | 0.2 | 0.3 | 0.5 | 1  |

| DX12WL Extract     | 0   | 20  | 40  | 60  |
|--------------------|-----|-----|-----|-----|
| Air Flowrate (l/s) | 530 | 465 | 344 | 265 |
| Input Power (W)    | 111 | 110 | 112 | 116 |
| SFP (W/l/s)        | 0.2 | 0.2 | 0.3 | 0.4 |

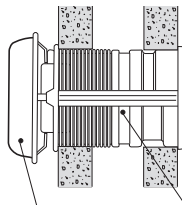
D SERIES Wall (WL) fan kits



Internal Grille   Fan Module   Adjustable Wall Sleeve   External Grille

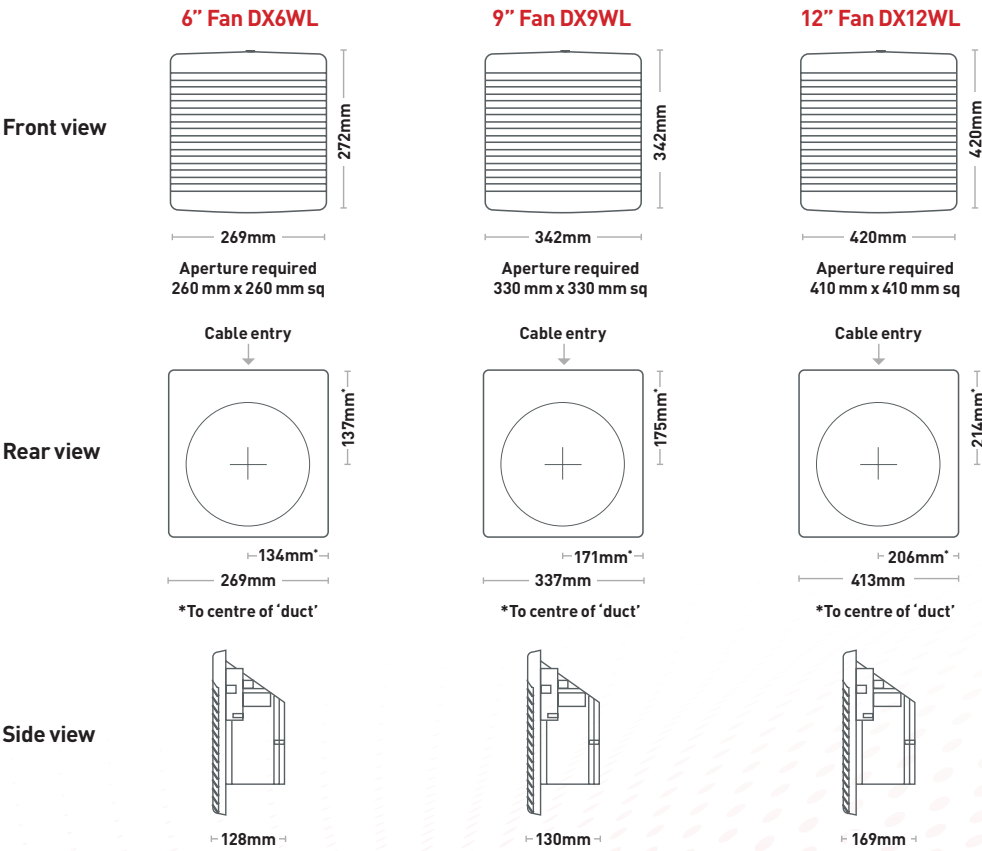
Typical installation

Exposed site wall installation (use with Wall Fan Kit)



Weather cowl can replace the external grille   Wall Fan Kit

Dimensions (mm)



PERFORMANCE

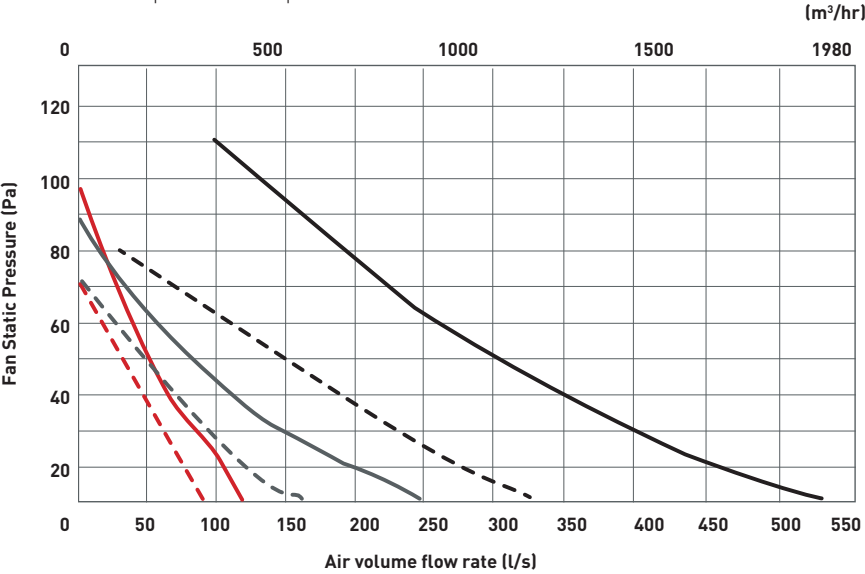
D SERIES  
CEILING (PL) FANS

A discreet design, suitable for solid or panel ceilings. These fans can be installed with our Roof or Weather Terminals, allowing optional exhaust points for flexible application.



D Series 6, 9 and 12 inch Ceiling Fans

Performance represents complete fan kit



Available in  
6, 9  
and 12"

Electrical and sound

| Code   | Noise/sound levels (dBA @ 3m) |                 |        |                | Input power (watts) |         |
|--------|-------------------------------|-----------------|--------|----------------|---------------------|---------|
|        | Extract                       | Extract economy | Supply | Supply economy | Standard            | Economy |
| DX6PL  | 42                            | 31              | 45     | 35             | 38                  | 20      |
| DX9PL  | 41                            | 30              | 43     | 32             | 50                  | 37      |
| DX12PL | 49                            | 38              | 48     | 37             | 100                 | 70      |

External Static Pressure (Pa)

| DX6PL Extract      | 0   | 20  | 40  | 60  |
|--------------------|-----|-----|-----|-----|
| Air Flowrate (l/s) | 119 | 76  | 50  | 32  |
| Input Power (W)    | 42  | 43  | 46  | 49  |
| SFP (W/l/s)        | 0.4 | 0.6 | 0.9 | 1.5 |

| DX9PL Extract      | 0   | 20  | 40  | 60 |
|--------------------|-----|-----|-----|----|
| Air Flowrate (l/s) | 247 | 196 | 110 | 60 |
| Input Power (W)    | 55  | 54  | 57  | 62 |
| SFP (W/l/s)        | 0.2 | 0.3 | 0.5 | 1  |

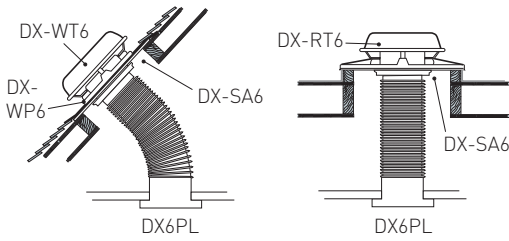
| DX12PL Extract     | 0   | 20  | 40  | 60  |
|--------------------|-----|-----|-----|-----|
| Air Flowrate (l/s) | 544 | 472 | 329 | 260 |
| Input Power (W)    | 111 | 110 | 113 | 116 |
| SFP (W/l/s)        | 0.2 | 0.2 | 0.3 | 0.4 |

D SERIES Ceiling (PL) fan kits

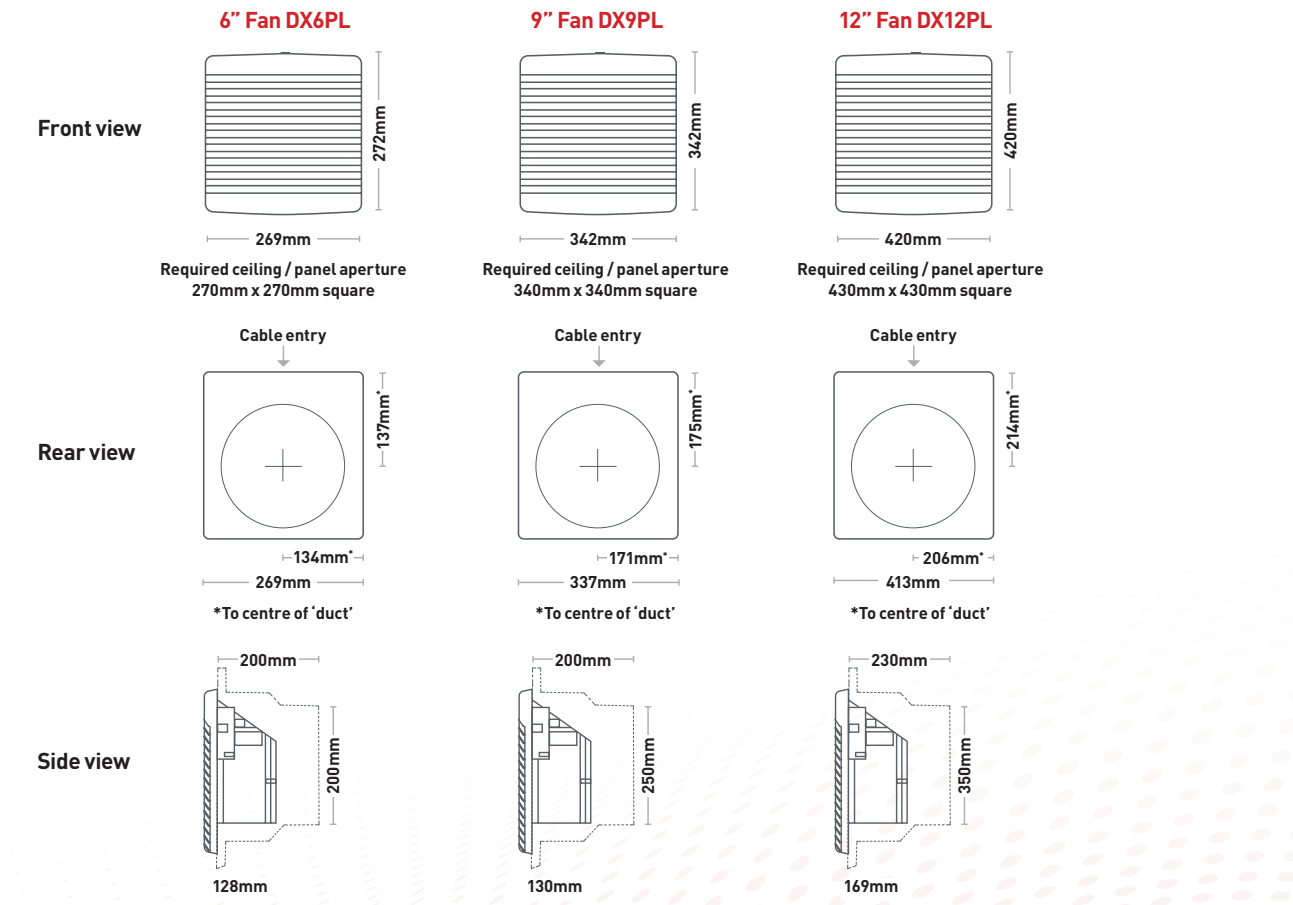


Typical installation

Exposed site wall installation (use with Wall Fan Kit)



Dimensions (mm)



FAN ANCILLARIES

|             |   | Integral sensors   |   |                        | Remote sensors  |
|-------------|---|--|---|------------------------|---|
| Unit size   | Speed control   | PIR  | Humidistat  | Timer                  | Humidistat  |
| Description | With Economy 50% setting, extract and supply on/off switch. | Passive InfraRed technology to detect movement. Complete with run-on timer 2-40 mins | Relative Humidity setting between 30-90%. Complete with run-on timer 2-40 mins. | Run-on timer 2-40 mins | Relative Humidity setting between 30-90%. Complete with run-on timer 2-40 mins. |
| Wall        |   |  |   |                        |   |
| 6           | DX-CON  | DX-PIR6  | DX-H6   | DX-T6                  | DX-RH   |
| 9           | DX-CON  | DX-PIR9  | DX-H9   | DX-T9                  | DX-RH   |
| 12          | DX-CON  | DX-PIR12   | DX-H12  | DX-T12                 | DX-RH   |
| Window      |   |  |   |                        |   |
| 6           | DX-CON  | DX-PIR6  | DX-H6   | DX-T6                  | DX-RH   |
| 9           | DX-CON  | DX-PIR9  | DX-H9   | DX-T9                  | DX-RH   |
| 12          | DX-CON  | DX-PIR12   | DX-H12  | DX-T12                 | DX-RH   |
| Ceiling     |   |  |   |                        |   |
| 6           | DX-CON  | DX-PIR6  | DX-H6   | DX-T6                  | DX-RH   |
| 9           | DX-CON  | DX-PIR9  | DX-H9   | DX-T9                  | DX-RH   |
| 12          | DX-CON  | DX-PIR12   | DX-H12  | DX-T12                 | DX-RH   |
| Flat Roof   |   |  |   |                        |   |
| 6           | DX-CON  | DX-PIR6  | DX-H6   | DX-T6                  | DX-RH   |
| 9           | DX-CON  | DX-PIR9  | DX-H9   | DX-T9                  | DX-RH   |
| 12          | DX-CON  | DX-PIR12   | DX-H12  | DX-T12                 | DX-RH   |
| Pitch Roof  |   |  |   |                        |   |
| 6           | DX-CON  | DX-PIR6  | DX-H6   | DX-T6                  | DX-RH   |
| 9           | DX-CON  | DX-PIR9  | DX-H9   | DX-T9                  | DX-RH   |
| 12          | DX-CON  | DX-PIR12   | DX-H12  | DX-T12                 | DX-RH   |

Note:

- ▶ Up to five fans (size 6"/ 9") can be controlled by one DX-CON. Up to two fans (size 12") can be controlled by one DX-CON.
- ▶ Do not mix different fan sizes on the same controller.



| Basic fan unit              | Window spacer   | Single spigot adapter                                 | Weather terminal                                 | Roof terminal    | Wall fixing plate  | Picture frame adapter   | DX-WD           | DX-LG                               |
|-----------------------------|---|---|--|------------------|--|---|-----------------|-------------------------------------|
| Fan module, internal grille | Used for exposed site installation 1 spacer. Use with weather terminals | For ducted systems. To be mounted onto front of DX-WS | For exposed window installations. Use with DX-WS | No fan included. | Used for timber and thin walls, pitched roof and above ceiling. One fixing plate. Used with window kits spacers &/or weather terminals | For panel, ceiling or retro installations where uneven walls need to be fixed | Duct wall liner | Fixed blade external louvred grille |
| Wall cont.                  |   |   |  |                  |  |   |                 |                                     |
| DX6                         | DX-WS6  | DX-SA6  | DX-WT6   | N/A              | N/A  | DX-PF6  | DX-WD           | DX-LG                               |
| DX9                         | DX-WS9  | DX-SA9  | DX-WT9   | N/A              | N/A  | DX-PF9  | DX-WD           | DX-LG                               |
| DX12                        | DX-WS12   | DX-SA12   | DX-WT12  | N/A              | N/A  | DX-PF12   | DX-WD           | DX-LG                               |
| Window cont.                |   |   |  |                  |  |   |                 |                                     |
| DX6                         | DX-WS6  | DX-SA6  | DX-WT6   | N/A              | DX-WP6   | N/A   | N/A             | DX-LG                               |
| DX9                         | DX-WS9  | DX-SA9  | DX-WT9   | N/A              | DX-WP9   | N/A   | N/A             | DX-LG                               |
| DX12                        | DX-WS12   | DX-SA12   | DX-WT12  | N/A              | DX-WP12  | N/A   | N/A             | DX-LG                               |
| Ceiling cont.               |   |   |  |                  |  |   |                 |                                     |
| DX6                         | N/A   | DX-SA6  | DX-WT6   | DX-RT6           | DX-WP6   | DX-PF6  | N/A             | N/A                                 |
| DX9                         | N/A   | DX-SA9  | DX-WT9   | DX-RT9           | DX-WP9   | DX-PF9  | N/A             | N/A                                 |
| DX12                        | N/A   | DX-SA12   | DX-WT12  | DX-RT12          | DX-WP12  | DX-PF12   | N/A             | N/A                                 |
| Flat Roof cont.             |   |   |  |                  |  |   |                 |                                     |
| DX6                         | N/A   | DX-SA6  | N/A  | DX-RT6           | DX-WP6   | DX-PF6  | N/A             | N/A                                 |
| DX9                         | N/A   | DX-SA9  | N/A  | DX-RT9           | DX-WP9   | DX-PF9  | N/A             | N/A                                 |
| DX12                        | N/A   | DX-SA12   | N/A  | DX-RT12          | DX-WP12  | DX-PF12   | N/A             | N/A                                 |
| Pitch Roof cont.            |   |   |  |                  |  |   |                 |                                     |
| DX6                         | N/A   | DX-SA6  | DX-WT6   | N/A              | DX-WP6   | DX-PF6  | N/A             | N/A                                 |
| DX9                         | N/A   | DX-SA9  | DX-WT9   | N/A              | DX-WP9   | DX-PF9  | N/A             | N/A                                 |
| DX12                        | N/A   | DX-SA12   | DX-WT12  | N/A              | DX-WP12  | DX-PF12   | N/A             | N/A                                 |



# D SERIES CONTROLS



## Multi-fan control

Fitting Remote Controller DX-CON or Remote Sensors (optional)

The DX-CON Multi-Fan Control provides supply or extract, variable speed and automatic or manual switching of several fans if desired.

The DX-CON should be positioned at least 1.5m above the floor and away from direct heat sources e.g. radiators.

NOTE:

- ▶ Up to five fans (size 6"/9") can be controlled by one DX-CON.
- ▶ Up to two fans (size 12") can be controlled by one DX-CON.
- ▶ Do not mix different fan sizes on the same controller.

| Code   | Description              | Length (mm) | Depth (mm) | Height (mm) |
|--------|--------------------------|-------------|------------|-------------|
| DX-CON | Multi-Fan Remote Control | 153         | 60         | 87          |

Speed Control – with ‘Economy’ (50%) setting, extract and supply, on/off switches.

## Integral sensors

| Fan size | PIR      | Humidistat | Timer  |
|----------|----------|------------|--------|
| 6        | DX-PIR6  | DX-H6      | DX-T6  |
| 9        | DX-PIR9  | DX-H9      | DX-T9  |
| 12       | DX-PIR12 | DX-H12     | DX-T12 |



Typical code: DX-CON

NOTE:

If two x 12 inch fans or five x six or 9 inch fans are used in the same operating mode in the same room they should all be controlled from the same DX-CON speed control. This avoids the possibility of one fan (if speed controlled at a lower flow rate) being stalled by the other fan(s). Adequate make-up air provision sufficient to provide ventilation in accordance with building regulations is required in all rooms. This should be checked during commissioning with all fans in the same room running together in all possible configurations.

The automatic shutters, motor bearings should be frequently inspected and maintained to ensure they open fully/operate satisfactorily.

Use of an RCD and fused spur with 1A, Bussmann TDC180, BS1362, fuse (Farnell order no: 1123029) for 1 fan or 2A, Bussmann TDC180, BS1362 fuse (Farnell order no: 1123032) for 2 or 3 fans is recommended. Always confirm airflow direction before commissioning.

## Remote sensors

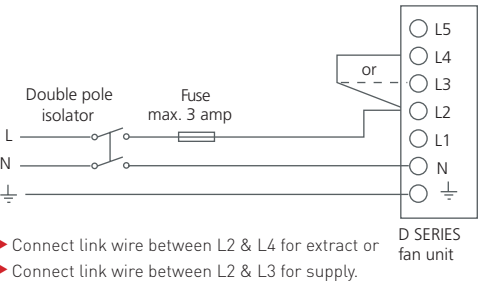
| Fan size | Humidistat |
|----------|------------|
| 6        | DX-RH      |
| 9        | DX-RH      |
| 12       | DX-RH      |

The DX-RH remote humidity sensor should be positioned at least 1.5m above the floor and away from direct heat sources e.g. radiators.

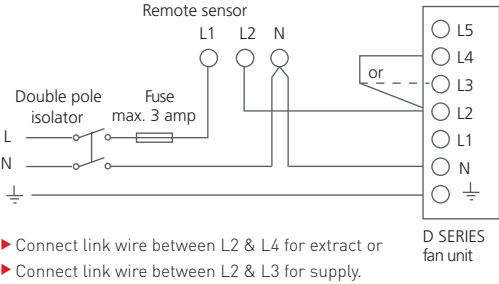


# WIRING

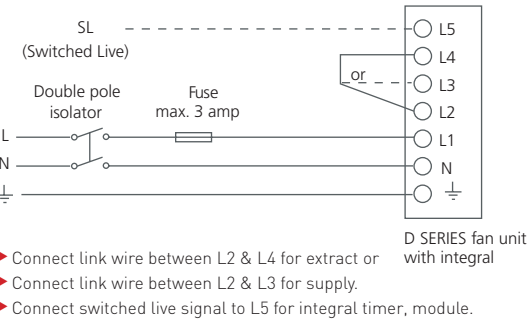
## Fan operated by On/Off switch



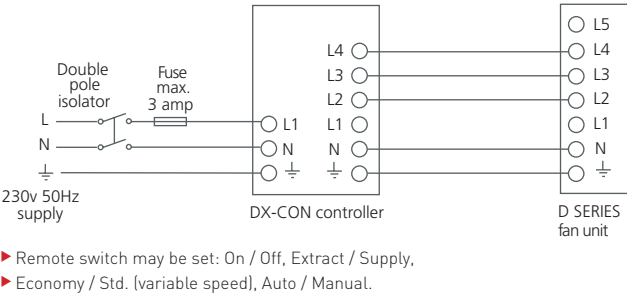
## Basic fan operated by Remote Sensor



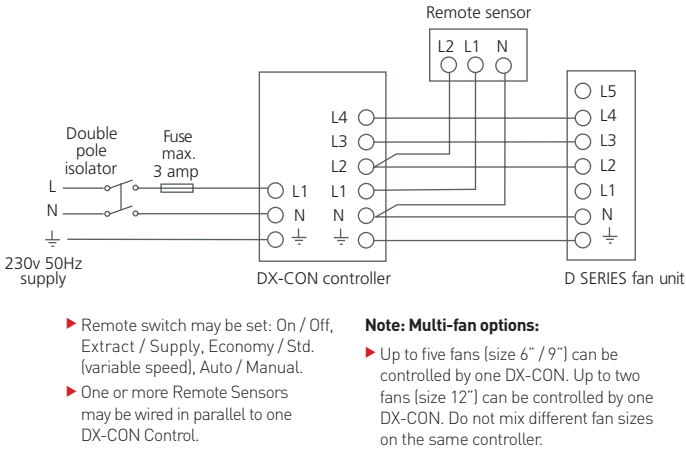
## Fan operated by Integral Sensor



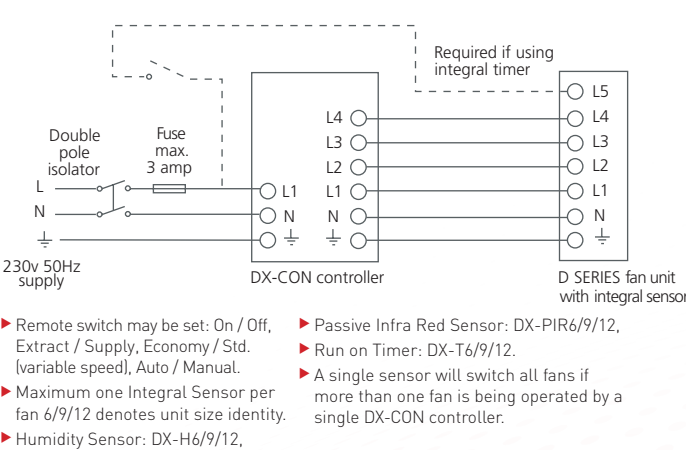
## Supply / extract fan operated via Remote DX-CON Control



## Supply / extract fan operated via Remote DX-CON Control & Remote Sensor(s)

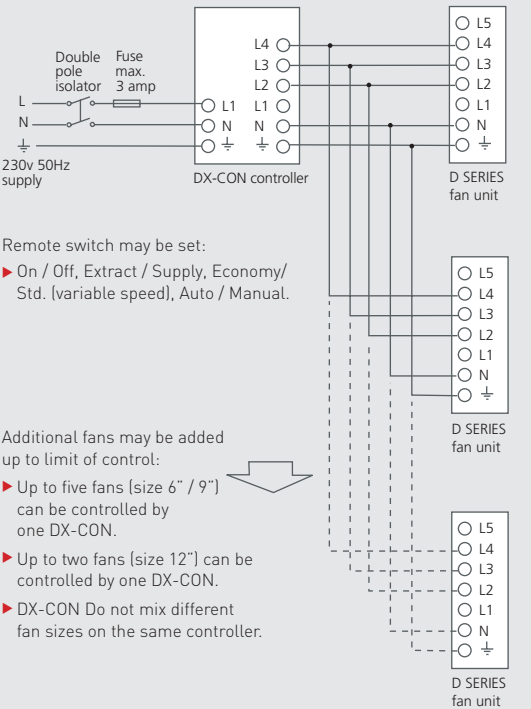


## Supply / extract fan operated via Remote DX-CON Control and Integral Sensor

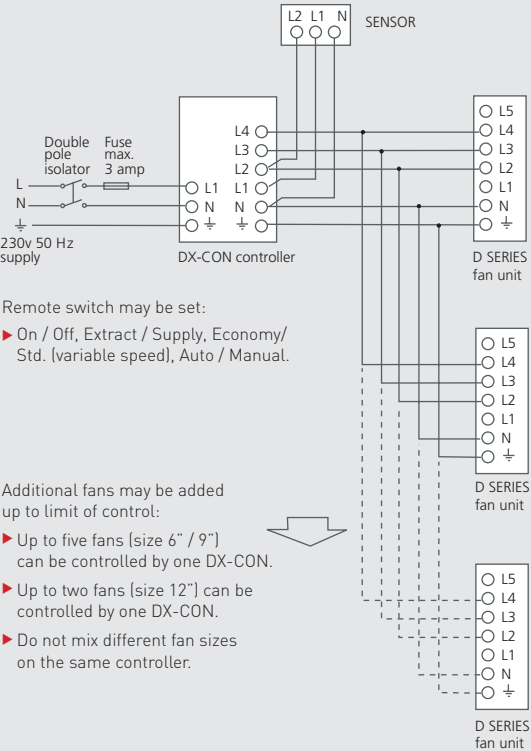


# WIRING — MULTIPLE FANS

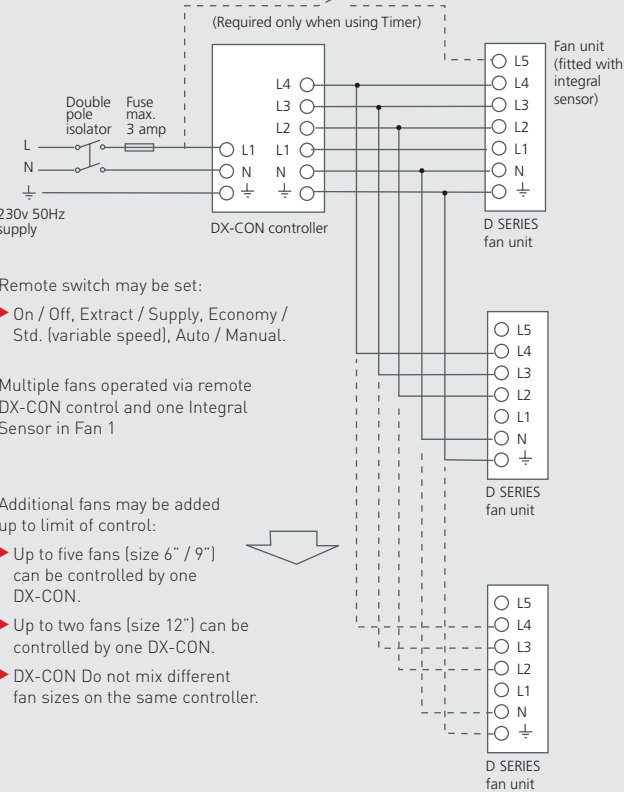
## Multiple fans operated via remote DX-CON control



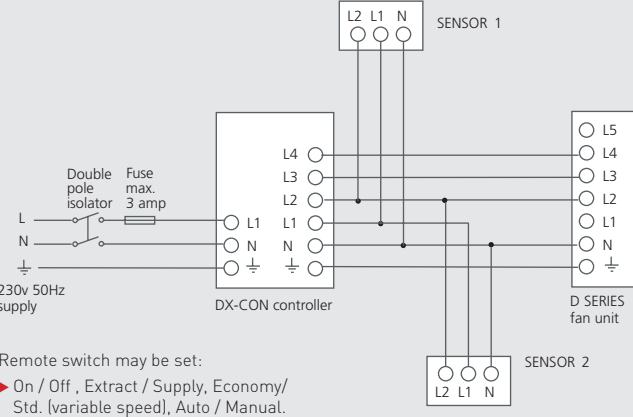
## Multiple fans operated via remote DX-CON control and a Remote Sensor



## Multiple fans operated via remote DX-CON control and one Integral Sensor in Fan 1



## Fan operated using remote DX-CON control and a Multiple Remote Sensor



# CONSULTANT SPECIFICATION

## Fan description

Fans shall be located in the positions indicated on the drawings and in accordance with the relevant fan schedule.

The fan shall be of the D SERIES type and shall be supplied complete with integrated low loss radial backdraught shutter, silent operation via a thermo actuator, room side grille, connection kit and external louvre/roof cowl to suit the particular application.

The high efficiency, low noise axial flow impeller shall be directly driven by an external rotor motor featuring enclosure protection to IP 44, class B winding insulation and maintenance free ball bearings.

All models shall be suitable for air over motor temperatures of up to 60°C and 95% R.H (non-condensing). The motor and impeller shall be dynamically balanced as an assembly.

Fan casing, impeller and shutter shall be manufactured from UV stabilised ABS polymer. All models shall include an economy/high efficiency setting facility and are dove grey in colour.

The fan shall be provided complete with integrated or remote controls as detailed in the schedule and as described below.

Where indicated the fans shall be interlinked and controlled from 1No. DX-CON (up to 5 fans in sizes 6 & 9, up to 2 fans size 12).

Fans shall be reversible via reversing switch on DX-CON fan controller.

Fan to have a manufacturer's 2 year warranty.

Fan to be of the D SERIES type as manufactured by Domus Ventilation.

## Fan control option

The fan shall be provided with either an integrated sensor to activate the fan or, one of the remote options.

## Integrated control options:

- ▶ DX-T(size) Run-on timer, adjustable between 2-40 minutes
- ▶ DX-H(size) Humidity sensor (30-90%). Includes run-on timer 2-40 minutes
- ▶ DX-PIR(size) PIR sensor, includes run-on timer 2-40 minutes.

## Remote control options:

- ▶ DX-RH Humidity sensor 30-90%. Includes run-on timer 2-40 minutes
- ▶ Anti-tamper security strap
- ▶ DX-CON controller incorporating economy switch, reversing switch and rotary speed control.

Where indicated the fans shall be interlinked and controlled from 1No. DX-CON (up to five fans in sizes 6 & 9, up to two fans size 12).

Do not mix different fan sizes with same controller.

Fan, integrated controls or associated sensors/controllers shall be as manufactured by Domus Ventilation all with a 2 year warranty.

The manufacturer's recommendations should be observed at all times.



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