



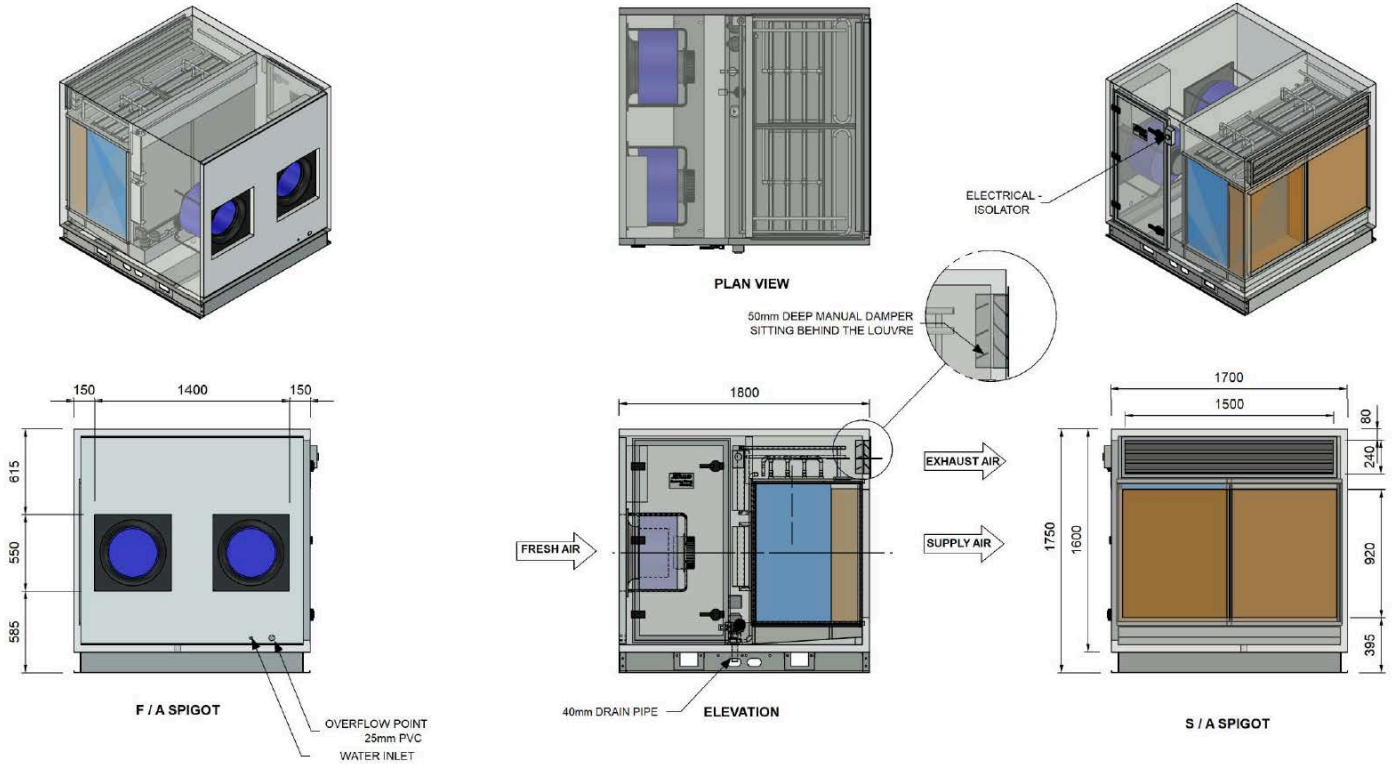
# INDEC3000P3 TECHNICAL DATA

## TECHNICAL SPECIFICATIONS

| NOMINAL AIRFLOW                |                    | HEAT EXCHANGER <small>*RATED AT STANDARD CONDITIONS OF 40.0° db/20.3° wb</small> |                       |
|--------------------------------|--------------------|--|-----------------------|
| Supply Air (l/sec)             | 3000               | INDEC Counterflow Core   | 2                     |
| Exhaust Air (l/sec)            | 1050               | Nominal Cooling Capacity (kw)*   | 40                    |
| Total Intake Fresh Air (l/sec) | 4050               | Pressure Drop (Pa)   | 38.5                  |
| SUPPLY FAN                     |                    | CABINET CONSTRUCTION   |                       |
| Fan Type                       | EC Plug            | Casing   | 50mm Colourbond Panel |
| Fan Motor                      | EC Motor           | Side Access Panels   | Included              |
| Motor Power (Watts)            | 2825 x 2           | Exhaust Air Grille   | Included              |
| Max. External Static (Pa)      | 250                | Exhaust Balancing Damper   | Included              |
| Fan Diameter                   | 450                | WATER SUPPLY   |                       |
| Number of Fans                 | 2                  | Water Pump   | 2                     |
| ELECTRICAL                     |                    | Nominal Water Usage  | 60 Lph                |
| Supply Fan FLA (A)             | 10.4 - 10.4 - 10.4 | Water Inlet  | 19mm                  |
| Volt/Phase                     | 415V/3ph           | Inline Filter  | Included              |
| Circuit Breakers               | Yes                | Water Treatment Salinity Control   | Included              |
| CONTROLS                       |                    | Stainless Steel Sump   | Included              |
| 0-10V DC (Fan Control)         | Included           | Automatic Sump Dump  | Included              |
| 24V AC Control Relay           | Included           | Drain Outlet   | 40mm PVC              |
| Pump Relay                     | 24V x 2            | Secondary Overflow Drain   | 25mm                  |
| Water Valve Relay              | 24V                | OPTIONAL INLET FILTER PLENUM   |                       |
| BMS Capability                 | Included           | Weatherproof louvre grille   | Included              |
| Wall Controller                | Available          | Air filters - G4 disposable  | 4 - 595 x 595 x 50    |



#### TECHNICAL DRAWINGS INDEC3000P3 STANDARD UNIT



| DIMENSIONS            |                              |
|-----------------------|------------------------------|
| Height (mm)           | 1750                         |
| Width (mm)            | 1700                         |
| Length (mm)           | 1800                         |
| Weight (Kg)           | 640                          |
| Operating Weight (Kg) | 760                          |
| Access Clearance (mm) | 1200 (Fan Access Both Sides) |

| DUCT SIZES                  |             |
|-----------------------------|-------------|
| Supply Air (mm)             | 1500 x 920  |
| Inlet Fresh Air (mm)        | 1500 x 1200 |
| Recommended Min Filter Size | 1200 x 1200 |



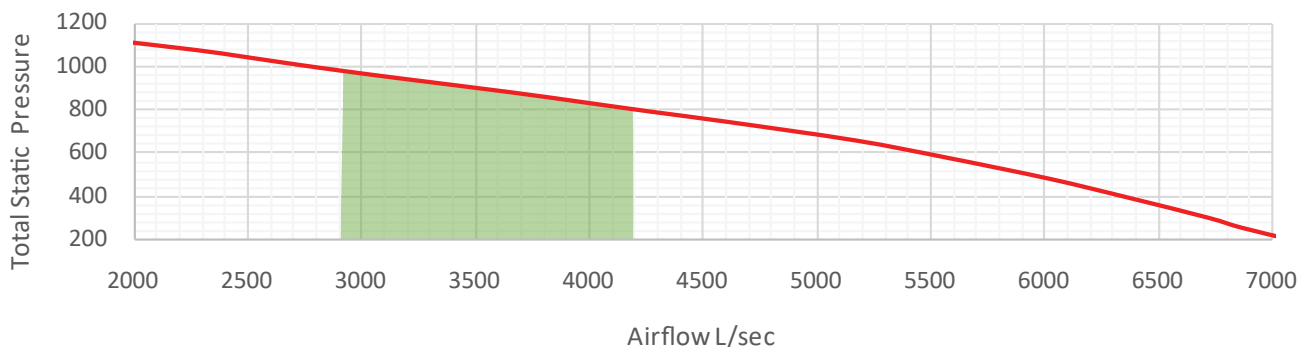
### TECHNICAL DRAWINGS INDEC3000P3 WITH INLET FILTER PLENUM

| DIMENSIONS            |                              |
|-----------------------|------------------------------|
| Height (mm)           | 1750                         |
| Width (mm)            | 170                          |
| Length (mm)           | 230 (Including Inlet Plenum) |
| Weight (Kg)           | 735                          |
| Operating Weight (Kg) | 855                          |
| Access Clearance (mm) | 1200 (Fan Access Both Sides) |

| DUCT SIZES      |            |
|-----------------|------------|
| Supply Air (mm) | 1590 x 920 |



#### FAN PERFORMANCE DATA



#### SOUND POWER LEVELS\*

| INLET RATING dB |      | OUTLET RATING dB |      |
|-----------------|------|------------------|------|
| 63 Hz           | 68.9 | 63 Hz            | 69.5 |
| 125 Hz          | 76.6 | 125 Hz           | 75.9 |
| 250 Hz          | 76.3 | 250 Hz           | 74.8 |
| 500 Hz          | 72.8 | 500 Hz           | 76.8 |
| 1K Hz           | 71.8 | 1K Hz            | 78.3 |
| 2K Hz           | 71.1 | 2K Hz            | 75.0 |
| 4K Hz           | 68.1 | 4K Hz            | 70.9 |
| 8K Hz           | 64.5 | 8K Hz            | 66.2 |
| LwA             | 77.7 | LwA              | 81.9 |

\* Sound Power Levels @ 350 Pa Total Static Pressure and 4000 l/s Total Air Volume measured at 1.0 m distance from fan axis.

#### WIRING DIAGRAM

Designed and manufactured in Australia

#### Armcor Air Solutions

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