



# INDEC2000P3 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)	2000	INDEC Counterflow Core	2
Exhaust Air (l/sec)	700	Nominal Cooling Capacity (kw)*	30
Total Intake Fresh Air (l/sec)	2700	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)	1750	Exhaust Air Grille	Included
Max. External Static (Pa)	250	Exhaust Balancing Damper	Included
Fan Diameter	350	WATER SUPPLY	
Number of Fans	2	Water Pump	2
ELECTRICAL		Nominal Water Usage	40 Lph
Supply Fan FLA (A)	7.0 - 7.0 - 7.0	Water Inlet	12mm
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 - 445 x 595 x 50

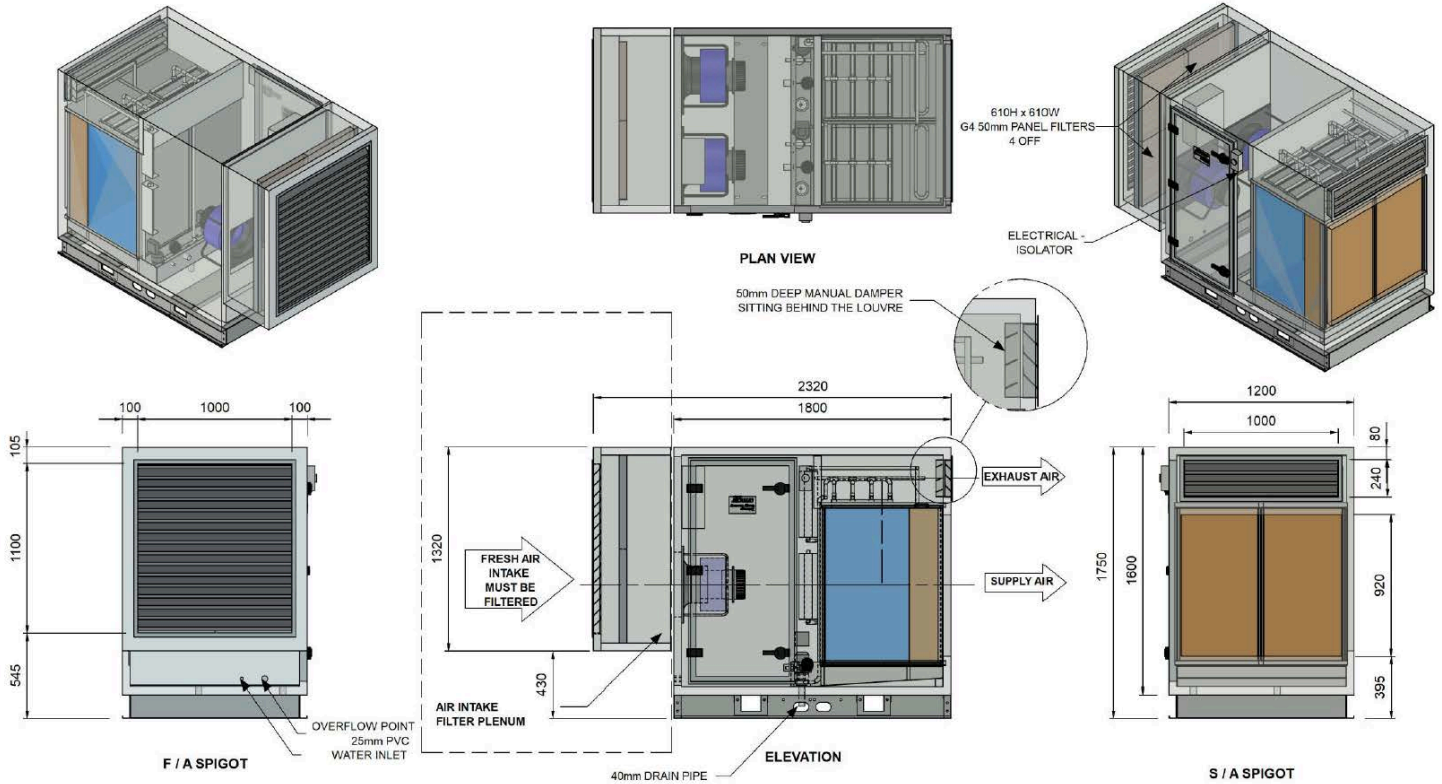


### TECHNICAL DRAWINGS INDEC2000P3 STANDARD UNIT

DIMENSIONS		DUCT SIZES	
Height (mm)	1750	Supply Air (mm)	1000 x 920
Width (mm)	1200	Inlet Fresh Air (mm)	1000 x 1200
Length (mm)	1800	Recommended Min Filter Size	900 x 1200
Weight (Kg)	530		
Operating Weight (Kg)	630		
Access Clearance (mm)	1200 (Fan Access One Side)		



### TECHNICAL DRAWINGS INDEC2000P3 WITH INLET FILTER PLENUM

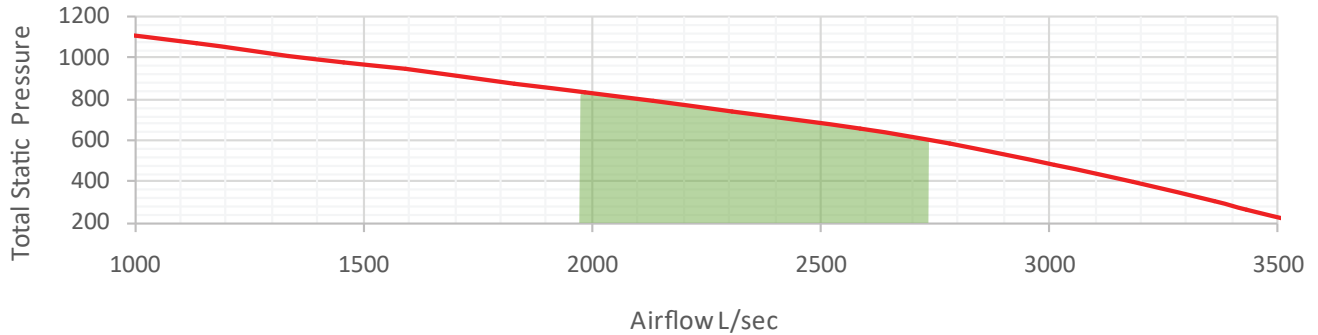


DIMENSIONS	
Height (mm)	1750
Width (mm)	1200
Length (mm)	2320 (Including Inlet Plenum)
Weight (Kg)	605
Operating Weight (Kg)	705
Access Clearance (mm)	1200 (Fan Access One Side)

DUCT SIZES	
Supply Air (mm)	1090 x 920



#### FAN PERFORMANCE DATA



#### SOUND POWER LEVELS\*

INLET RATING dB		OUTLET RATING dB	
63 Hz	66.0	63 Hz	68.7
125 Hz	79.6	125 Hz	80.1
250 Hz	79.8	250 Hz	77.9
500 Hz	74.9	500 Hz	79.6
1K Hz	76.7	1K Hz	88.2
2K Hz	76.9	2K Hz	80.1
4K Hz	86.0	4K Hz	86.7
8K Hz	71.7	8K Hz	73.5
LwA	89.7	LwA	91.6

\* Sound Power Levels @ 350 Pa Total Static Pressure and 1350 l/s Total Air Volume measured at 1.0 m distance from fan axis.

#### WIRING DIAGRAM

Designed and manufactured in Australia

#### Armcor Air Solutions

109-111 Northcorp Blvd, Broadmeadows 3047

P 1800 244 556 E sales@armcor.com.au

www.armcor.com.au

