



INDEC4500P3 TECHNICAL DATA

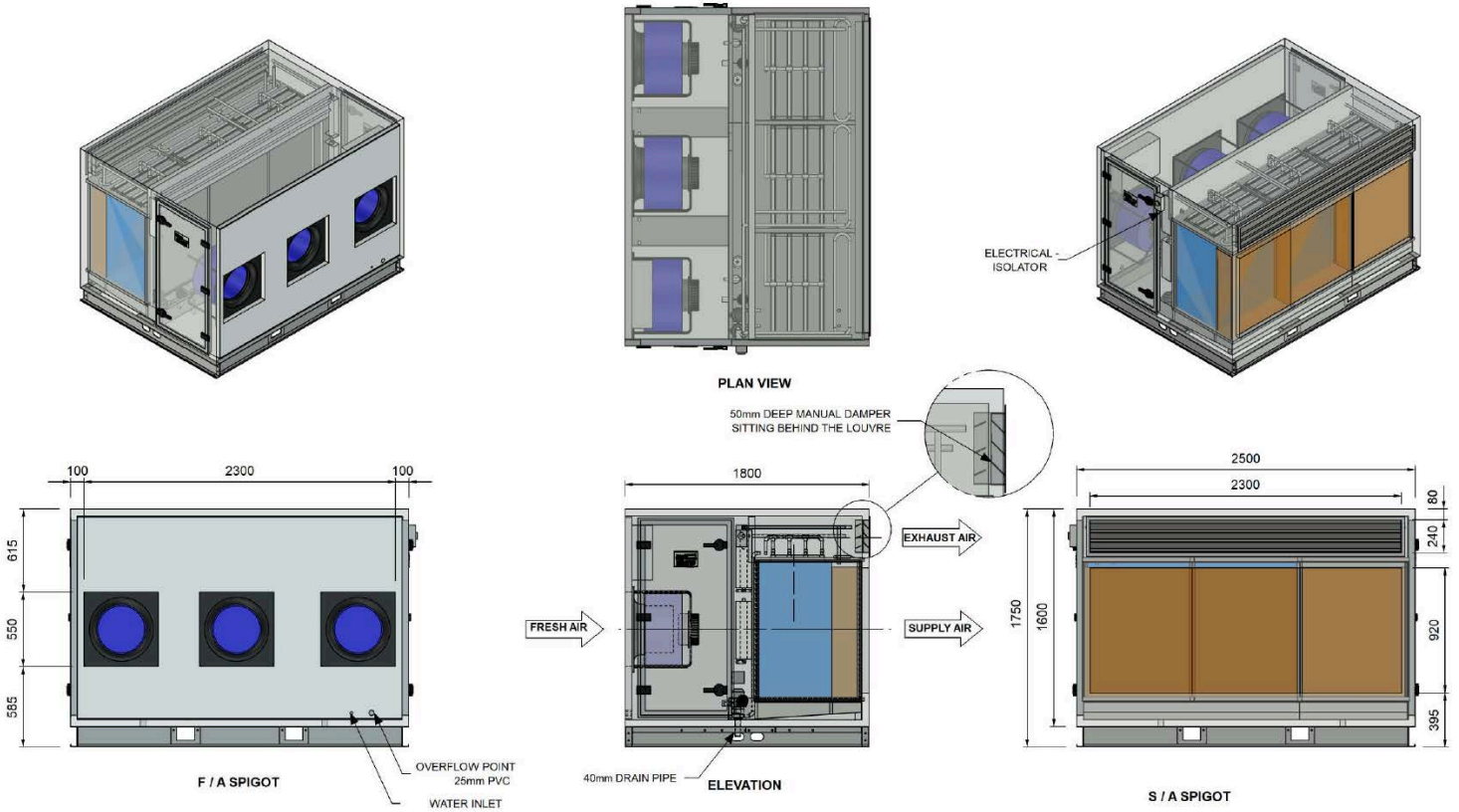
TECHNICAL SPECIFICATIONS

NOMINAL AIRFLOW		HEAT EXCHANGER	
Supply Air (l/sec)	4500	INDEC Counterflow Core	3
Exhaust Air (l/sec)	1575	Nominal Cooling Capacity (kw)*	60
Total Intake Fresh Air (l/sec)	6075	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 3	Exhaust Air Grille	Included
Max. External Static (Pa)	250	Exhaust Balancing Damper	Included
Fan Diameter	450	WATER SUPPLY	
Number of Fans	3	Water Pump	2
ELECTRICAL		Nominal Water Usage	90 Lph
Supply Fan FLA (A)	15.6 - 15.6 - 15.6	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	6 - 595 x 595 x 50

*RATED AT STANDARD CONDITIONS OF
40.0° db/20.3° wb



TECHNICAL DRAWINGS INDEC4500P3 STANDARD UNIT



DIMENSIONS	
Height (mm)	1750
Width (mm)	2500
Length (mm)	1800
Weight (Kg)	990
Operating Weight (Kg)	1170
Access Clearance (mm)	1200 (Fan Access Both Sides)

DUCT SIZES	
Supply Air (mm)	2300 x 920
Inlet Fresh Air (mm)	2300 x 1200
Recommended Min Filter Size	1800 x 1200



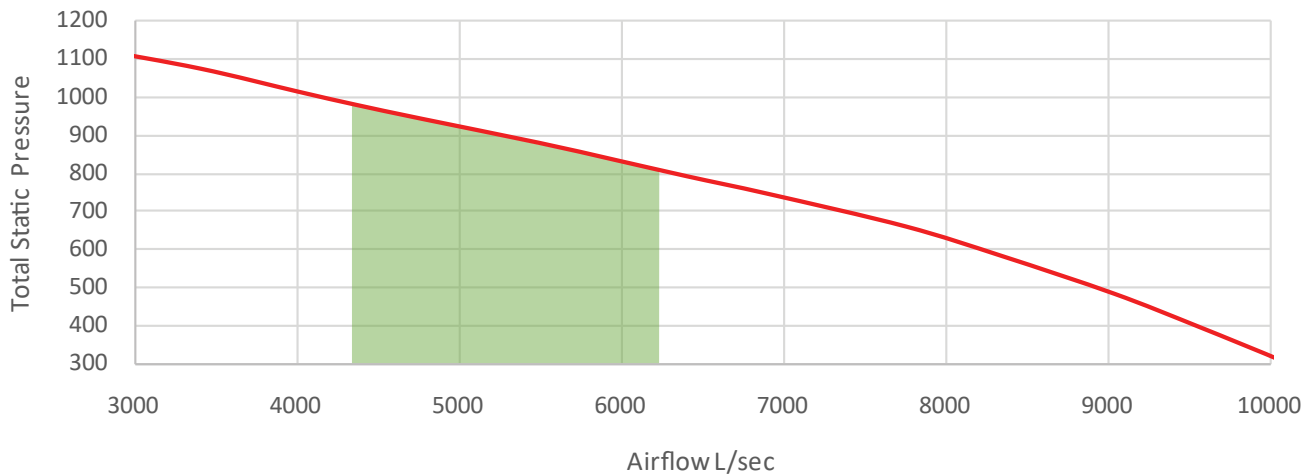
TECHNICAL DRAWINGS INDEC4500P3 WITH INLET FILTER PLENUM

DIMENSIONS	
Height (mm)	1750
Width (mm)	200
Length (mm)	230 (Including Inlet Plenum)
Weight (Kg)	1125
Operating Weight (Kg)	1305
Access Clearance (mm)	1200 (Fan Access Both Sides)

DUCT SIZES	
Supply Air (mm)	20 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 6000l/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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