

Pinnacle Commercial Range - Dual SPEC SHEET

Model Name:	PINNACLE Dual Room Range (PIN-D)
Manufacture:	XTREME International Pty Ltd
Order Number:	XIT-PIN-48D XIT-PIN-80D XIT-PIN-120D XIT-PIN-160D
Applications:	Commercial facilities for health, fitness, rehabilitation or professional teams
Volume to Manage:	XIT-PIN-48D: 48/48m ³ XIT-PIN-80D: 80/80m ³ XIT-PIN-120D: 120/120m ³ XIT-PIN-160D: 160/160m ³
Altitude Range:	0 -5000m
Time To Altitude:	75 minutes to 15% (2880m)
Operation Pressure:	10 to 12 bar
Safety	EU EMC Directive emissions EN 55011 and immunity to EN 61000-6-1 Australian EMC framework to AS/NZS 4251.1:1999 & AS/NZS 61000.6.3:2007. PCB (printed circuit board) certified to UL standards ISO9001:2008 Power Saver Alarm Set Point: 10.5% oxygen purity
AD System:	Air Delivery System provides breathable quality air and utilises direct drive compressor technology. There is coalescence, coalescing and carbon filter to remove particles to 0.01µm and oil content to < 0.003µm. Waste water is feed to an oil/water separator to provide safe delivery to waste water drain.
CF Unit:	Control Frame Unit provides functional control, local visual display on the PLC of the actual and set altitude, system status and room diagnostics. PLC drives the altitude room 7" touchscreen display which has multiple levels of password protection. A wall mounted 24" to 32" screen displays the actual and set altitude readings in each altitude room. The touchscreen controller has the following Modes: <ul style="list-style-type: none"> a. Manual Mode – general operation of the system set altitude and start/stop b. Timer Mode – 7day scheduler with 10 independent start/stop times and altitude set point for each day. c. Maintenance - Display compressor maintenance and clock/date adjustment.
Ambient Condition:	0 C to 50 C 0 to 90% humidity
Digital Interface:	4 Pin Connector
Color of Frame:	Black
Color of Panels:	Black
Voltage Supply:	XIT-PIN-48D: 11kW VSD 380V 30Amps –D Curve Breaker and 4 x 10Amp XIT-PIN-80D: 22kW VSD 380V 50Amps –D Curve Breaker and 4 x 10Amp XIT-PIN-120D: 30kW VSD 380V 80Amps –D Curve Breaker and 4 x 10Amp XIT-PIN-160D: 37kW VSD 380V 80Amps –D Curve Breaker and 4 x 10Amp
Size of ADS Area:	XIT-PIN-48D L: 4.0m W: 2.0m H:2.0m XIT-PIN-80D L: 4.0m W: 2.0m H:2.0m XIT-PIN-120D L: 5.0m W: 2.0m H:2.0m XIT-PIN-160D L: 5.0m W: 2.0m H:2.0m
Warranty:	12 Months

Performance limitations: Please consider the natural and physical conditions for providing a simulated altitude environment in enclosed rooms. If the room sealing is not adequate in accordance to the guidelines of room installation the performance characteristics of the system will be affected. Also, if the room volume is larger than specified the performance to altitude characteristics will be affected.

Warning! Installation, commissioning, instruction and maintenance only to be conducted by XTREME trained and authorised personnel. All trainers and staff required to complete and successfully pass the Altitude First International Introductory to Altitude Training Course before utilizing or conducting client training within the altitude environment.

Pinnacle Commercial Range - Single SPEC SHEET

Model Name:	PINNACLE single room range (PIN)		
Manufacture:	Xtreme International Pty Ltd		
Order Number:	XIT-PIN-32	XIT-PIN - 120	
	XIT-PIN-48	XIT-PIN - 160	
	XIT-PIN-64	XIT-PIN - 240	
	XIT-PIN-80	XIT-PIN - 320	
Applications:	Commercial facilities for health, fitness, rehabilitation or professional teams		
Volume to Manage:	XIT-PIN-32: 32m ³	XIT-PIN-120: 120m ³	
	XIT-PIN-48: 48m ³	XIT-PIN-160: 160m ³	
	XIT-PIN-64: 64m ³	XIT-PIN-240: 240m ³	
	XIT-PIN-80: 80m ³	XIT-PIN-320: 320m ³	
Altitude Range:	0 -5000m		
Time To Altitude:	60 minutes to 15% (2880m)		
Operation Pressure	10 to 12bar		
PLC and Safety	EU EMC Directive emissions EN 55011 and immunity to EN 61000-6-1 Australian EMC framework to AS/NZS 4251.1:1999 & AS/NZS 61000.6.3:2007. PCB (printed circuit board) certified to UL standards ISO9001:2008 Power Saver Alarm Set Point: 10.5% oxygen purity		
CF Unit:	Control Frame Unit provides functional control, local visual display on the PLC of the actual and set altitude, system status and room diagnostics. PLC drives the altitude room 4" touchscreen display (optional upgrade to 7") which has multiple levels of password protection. A wall mounted 24" to 32" screen displays the actual and set altitude readings. The touchscreen controller has the following Modes: <ul style="list-style-type: none"> a. Manual Mode – general operation of the system set altitude and start/stop b. Timer Mode – 7 day scheduler with 10 independent start/stop times and altitude set point for each day. c. Maintenance - Display compressor maintenance and clock/date adjustment. The computer is designed for future upgrades in software and functionally.		
Ambient Condition:	0 C to 50 C 0 to 90% humidity		
Digital Interface:	4 Pin Connectors		
Color of Frame:	Black		
Color of Panels:	Black		
Voltage Supply:	XIT-PIN-32:	5.5kW 380V 20Amps –D Curve Breaker and 4 x 10Amps	
	XIT-PIN-48:	7.5kW 380V 25Amps –D Curve Breaker and 4 x 10Amps	
	XIT-PIN-64:	11kW 380V 32Amps –D Curve Breaker and 4 x 10Amps	
	XIT-PIN-80:	11kW 380V 32Amps –D Curve Breaker and 4 x 10Amps	
	XIT-PIN-120:	15kW 380V 40Amps –D Curve Breaker and 4 x 10Amps	
	XIT-PIN-160:	22kW 380V 60Amps –D Curve Breaker and 4 x 10Amps	
	XIT-PIN-240:	30kW 380V 80Amps –D Curve Breaker and 4 x 10Amps	
	XIT-PIN-320:	37kW 380V 100Amps –D Curve Breaker and 4 x 10Amps	
Size of ADS Area:	XIT-PIN-32 L: 3.0m W: 1.5m H:2.0m	XIT-PIN-120 L: 4.0m W: 2.0m H:2.0m	
	XIT-PIN-48 L: 3.0m W: 1.5m H:2.0m	XIT-PIN-160 L: 4.0m W: 2.0m H:2.0m	
	XIT-PIN-64 L: 4.0m W: 2.0m H:2.0m	XIT-PIN-240 L: 5.0m W: 2.0m H:2.0m	
	XIT-PIN-80 L: 4.0m W: 2.0m H:2.0m	XIT-PIN-320 L: 5.0m W: 2.0m H:2.0m	
Warranty:	12 months		

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