



TC8 AIRCURTAINS



Conditionaire International Pty Ltd
ABN: 22 001 452 982

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CONDITIONAIRE AIR CURTAINS



All Conditionaire Aircurtains are manufactured in Australia using quality materials and craftsmanship, they are designed and built to last. We have Conditionaire air curtains that have been operating for over 20+ years.

- Minimises convection currents In or out of conditioned areas.
- Can be fitted with variable speed controller for various height doorways.
- Maintains conditioned air in and keeps unconditioned air out.
- Allows free access in and out of conditioned areas.

Conditionaire Aircurtains are designed for:

- Temperature control
- Contamination control

Our Aircurtain Range includes

TC6 Series Aircurtain- Temperature control

- For retail/domestic application such as cafes, shopping centre entrances.
- 240V power (3 pin plug in available)
- Come standard with a speed controller.
- Light weight with a smaller footprint.
- Mounting brackets.
- Will operate effectively up to 3m door height
- Available in 900mm/1200mm/1500mm sizes.

TC8 Series Aircurtain - Temperature control / Insect control

- For Industrial/commercial application such as food processing areas, roller doors, delivery docks.
- 415V power with the option for a 240V in/415v out variable speed drive
- Option for Variable speed drive.
- Mounting brackets.
- Will operate effectively up to 3m door height
- Available in 900mm/1200mm/1500mm sizes
- Stainless steel finish.

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TC8 AIR CURTAINS



FEATURES

- For Temperature or Contamination applications to comply with AQIS.
- Holds conditioned air in and keeps unconditioned air out
- Allows free access in and out of fly controlled areas
- Stainless steel outer case.
- Fitted with variable speed controller for various height doorways.
- Complete with mounting brackets.
- Manufactured with direct drive eliminating services on belts and bearings

Technical Specifications	TC8/900	TC8/1200	TC8/1500
Weight	30kg	34kg	39kg
Motor 415/240V-kW	0.75kW	0.75kW	0.75kW
Motor 415/240V-FLA	1.8/6.0amps	1.8/6.0amps	1.8/6.0amps
Motor Max -Rpm	1590rpm	1590rpm	1590rpm
Fan Bearings	2-NSK UB202-10S 5/8" Bore	2-NSK UB202-10S 5/8" Bore	2-NSK UB202-10S 5/8" Bore
Impellers	2-340mm x 8" dia	2-470mm x 8" dia	2-620mm x 8" dia
Outlet Velocity	18.3m/sec	18.3m/sec	18.3m/sec
Air Flow Volume	83m ³ /min	110m ³ /min	135m ³ /min
Noise (at full speed)	62db	62db	62db

*Specification subject to change without notice.

**PROUDLY MANUFACTURED IN AUSTRALIA BY CONDITIONAIRE
INTERNATIONAL 100% AUSTRALIAN OWNED COMPANY**

Conditionaire International Pty Ltd

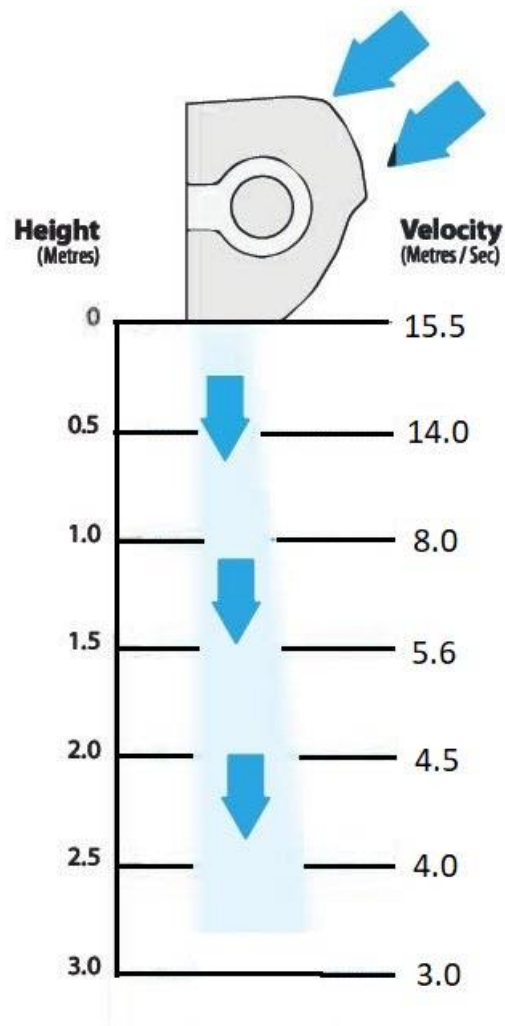
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"the fume cupboard and air curtain specialists"

AIR VELOCITY (HIGH SPEED SETTING)



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ACCREDITED FOR
**TECHNICAL
COMPETENCE**



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TC8 AIR CURTAINS



C13097-3 0 50 100

MODEL	A	B	C	WEIGHT Kg
TC8/900-4	900	940	980	30
TC8/1200-4	1200	1240	1280	34
TC8/1500-4	1500	1540	1580	39

240V SUPPLY INVERTER WIRING

CAUTION
MODEL TC8 SERIES DIRECT DRIVE AIR CURTAINS
 MOTOR WOUND IN DELTA Δ FOR INVERTER USE
 SUPPLY WIRING MUST BE 3 PHASE (L1, L2, L3)
 INVERTER OUTPUT - 3 PHASE
 OUTPUT CURRENT MAX=4A AC @ 40°C
 BUILT-IN SFT FILTER
 USE SHIELDED CABLE FROM INVERTER TERMINALS (MEL/MEM)
 INVERTER MUST BE CONNECTED TO A PERMANENT EARTH Ⓧ
 CHECK ROTATION
 TO REVERSE-CHANGE ANY TWO TERMINALS (MEL/MEM)

F.L.A. @ 240V - 3.2A PER PHASE

415V SUPPLY DIRECT AND WIRING

STAR CONNECTION FOR DIRECT CONNECTION

F.L.A. @ 415V - 1.8A PER PHASE

MOTOR: 0.75kW 1400 RPM 415V 3 Ph.
 STANDARD STAR CONNECTION FOR DIRECT CONNECTION OR 3 PHASE SUPPLY INVERTER

REFERENCE	DRN	Conditionaire International Pty. Limited
CLIENT	TJS	A.C.N. 008 452 962
DATE	CHKD	GENERAL ARRANGEMENT
CERTIFIED BY		MODEL TC8 DIRECT DRIVE AIR CURTAINS
FINISH	APPD	SCALE NONE DATE 30.4.01 DRG. No.
TOLERANCES: ± ± ±	ASSEMBLED ON	C13097-3



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