

# Centra



[makmax.com.au](http://makmax.com.au)

**MakMax**

# Centra model selector



Canopy shape	Umbrella nominal size in metres (area-sqm)	120km/h std wind-rating (148 km/h optional)	Umbrella overall width * see note 1	Minimum canopy width	Umbrella diagonal overall	Overall height	Under canopy clearance	Closed arms to baseplate
		model no	(W) mm	(A) mm	mm	(H) mm	(C) mm	(D) mm
Square 	2.7x2.7 (5.8)	<b>CS27</b>	2700x2700	2300x2300	3780	3350	2400	1340
	3.2x3.2 (8.0)	<b>CS32</b>	3180x3180	2700x2700	4455	3350	2300	990
	3.8x3.8 (11.0)	<b>CS38</b>	3750x3750	3150x3150	5230	3350	2300	620
	4.0x4.0 (12.7)	<b>CS40</b>	4060x4060	3370x3370	5690	3360	2270	410
	4.5x4.5 (17.1)	<b>CS45</b>	4580x4580	3980x3980	6415	3420	2250	130
	5.0x5.0 (21.7)	<b>CS50</b>	5055x5055	4515x4515	7090	3660	2400	50
Rectangular 	4.5x3.2 (12.7)	<b>CR45</b>	4550x3180	4060x2960	5520	3360	2150	450
	5.3x3.8 (16.7)	<b>CR53</b>	5300x3755	4625x3365	6440	3455	2150	110
Truncated square 	4.3x4.3 (15.7)	<b>CTS43</b>	4295x4295	3700x3700	5000	3360	2300	750
Octagonal 	4.0 wide (11.6)	<b>CO40</b>	4050 wide	3610 wide	4370	3360	2400	1090
	5.0 wide (16.9)	<b>CO50</b>	4950 wide	4350 wide	5345	3360	2200	545
Hexagonal 	5.7 wide (22.9)	<b>CH57</b>	5640 wide	4940 wide	6485	3360	2150	60

MakMax Australia constantly strives to remain at the forefront of tensile membrane structure technology. It is for this reason that we reserve the right to improve/alter our model specifications without notice.

\* note 1 – 100mm clearance to adjacent buildings, poles, trees etc. is required around the canopy overall size.

## MEMBRANE

The tensile membrane is fabricated from long life, 100% UV stabilised, waterproof, architectural grade PVC coated polyester fabric with PVDF finish to both sides, protected against microbial and fungal attack.

## STEEL FINISH

The structure employs tubular steel components finished with Triplex™ brand steel protection system; abrasive blast to Class 3, application of spray galvanising in aluminium and zinc and two coats of powdercoat.

## HARDWARE

All hardware inclusive of nuts, bolts and washers, wire rope cables, rigging screws, pole sleeve and shackles are stainless steel Gr.304/Gr.316. Arm end plugs are UV resistant nylon. Top hat is spun aluminium with polyester powdercoat. Membrane top plate is weatherproof PVC integral skin-foam.

## STRUCTURE DESIGN & COMPONENTS

Structural design is to AS/NZS1170.0, AS/NZ1170.1, AS/NZ1170.2, AS4100, AS3600 and AS1170.4.



UV resistant



rain protection



hail protection



fire resistant



wind rated



long life



easy maintenance



recyclable

## ACCREDITATION

Our ISO 9001:2000 compliant Quality Management System (QMS) ensures absolute quality, consistency, and customer satisfaction. Our business systems, (sales, marketing, estimating, design & drafting, fabrication, manufacturing, storage, logistics and project management activities) are accredited by the Bureau Veritas Quality International Certification Services (BVQi).

## CERTIFICATION

We offer clients the professional services of an in-house team of registered, practising engineers. It's another quality assurance that ensures we deliver full certification and design that meet all international standards.

## SUSTAINABILITY

We proudly support many ecological initiatives. Not only does our Research & Development facility continue to produce newer, greener products such as Kenafine® and ETFE, but we also support Texyloop®, the international PVC recycling initiative. Established by Ferrari Textiles, Texyloop® recycles membrane to produce ready-to-use polyester fibre and flexible PVC for re-use within the industry.

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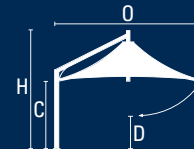
# Leva



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# Leva model selector



Canopy shape	Umbrella nominal size in m (area-sqm)	120km/h std wind-rating model no	Umbrella overall width * see note 1 (W) mm	Minimum canopy width (A) mm	Umbrella diagonal overall mm	Overall height (H) mm	Under canopy clearance (C) mm	Overall leva size * see note 2 (O) mm	Closed arms to baseplate (D) mm
Square 	2.7x2.7 (5.8)	<b>LS27</b>	2720x2720	2300x2300	3780	3540	2250	2835	1190
	3.2x3.2 (8.0)	<b>LS32</b>	3180x3180	2700x2700	4455	3580	2250	3325	880
	3.8x3.8 (11.0)	<b>LS38</b>	3810x3810	3150x3150	5230	3700	2250	3910	635
	4.0x4.0 (12.7)	<b>LS40</b>	4060x4060	3370x3370	5690	3650	2250	4175	370
	4.5x4.5 (17.1)	<b>LS45</b>	4580x4580	3980x3980	6415	3750	2250	4685	130
	5.0x5.0 (21.7)	<b>LS50</b>	5055x5055	4515x4515	7090	4070	2400	5190	50
Rectangular 	4.5x3.2 (12.7)	<b>LR45</b>	4550x3180	4060x2960	5520	3790	2250	3465	550
	5.3x3.8 (16.7)	<b>LR53</b>	5300x3755	4625x3365	6440	3980	2250	4080	210
Truncated square 	4.3x4.3 (15.7)	<b>LTS43</b>	4295x4295	3700x3700	5000	3650	2250	4420	700
Octagonal 	4.0 wide (11.6)	<b>LO40</b>	4050 wide	3610 wide	4370	3490	2250	4220	890
	5.0 wide (16.9)	<b>LO50</b>	4950 wide	4350 wide	5345	3750	2250	5100	595
Hexagonal 	5.7 wide (22.9)	<b>LH57</b>	5640 wide	4940 wide	6485	3800	2250	5800	160

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\* notes 1 – 100mm clearance to adjacent buildings, poles, trees etc. is required around the canopy overall size

2 – The leva overall 'O' is from the front edge to the back of the base plate. Allowance must be made for footings

## MEMBRANE

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