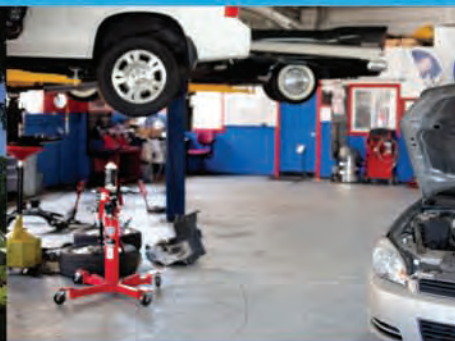


# COOLSPACE™

PORTABLE EVAPORATIVE COOLERS



KEEPING YOU COOL... NATURALLY!

# COOL-SPACE™

## PORTABLE EVAPORATIVE COOLERS

The COOL-SPACE™ range of portable evaporative coolers provides a very cost effective, easy to use and environmentally-friendly solution for comfort cooling in areas that need short term or temporary cooling or where flexibility is required. There are three principle sizes of product that can cool areas of 500ft<sup>2</sup>, 2350ft<sup>2</sup> and 3250ft<sup>2</sup> respectively. Multiple use of products can provide greater coverage depending on the application. The units are environmentally friendly as they simply run on water and a single phase electricity supply.

COOL-SPACE™ products are UL and ETL approved and are manufactured from a tough, durable, moulded polyethylene. They also contain an 8 in. thick cooling medium that lowers the ambient temperature by up to 28°F (depending on the relative humidity). The majority of directly competitive products only have 6 in. media – therefore COOL-SPACE™ derives a greater degree of cooling than its competitors.

As a result they have been used effectively in the following market sectors:

- Automotive workshops
- Factory areas
- Warehouses
- Oil industry – drilling areas
- Equine centers and stables
- Marquees and event management
- Patio areas
- Restaurants, coffee shops and bars
- Motor sport venues
- Air Hangars

COOL-SPACE™ products also offer potential for companies supplying rented capital equipment as the robust construction allows continuous re-use and pay-back on investment is generally within a 12 month period (depending on the length of the cooling season).



## Features and benefits

- ETL and UL approved
- Delivers up to 28°F cooling effect – depending on relative humidity
- Cooling media is 8 in. thick, cross corrugated cellulose material: angle fluted to provide effective cooling and air distribution. Edge coated with thermosetting resin giving additional strength and protection from growth of algae or mildew
- Tough, durable moulded polyethylene construction
- 3 principle sizes: 16 in., 36 in. and 48 in. fan diameter units with 2 speed or variable drive – providing cooling areas of 500ft<sup>2</sup>, 2350ft<sup>2</sup> and 3250ft<sup>2</sup> respectively
- COOL-SPACE™ Wave units – 12 in. high velocity fan diameter - for smaller areas
- Integral large water reservoirs – for up to 8 hours of stand-alone continual use
- Water connection – garden hose or portable supply tank
- Integral low water shut off pumps – that monitor the level of water and shut off supply to the unit when running too low
- Drain plug on all models – for convenient draining of the units
- Ground fault protection electrical lead – for additional safety
- Easy to handle – 2 swivel and 2 stationary castors on units for improved manoeuvrability
- Easy to maintain and service – cooling media and fans can be accessed very easily for regular service
- Fast payback – within 12 months – for customers in the capital rental sector
- Warranty – 2 year warranty on coolers – parts only. 3 year warranty on fan motor (variable drive speed only)

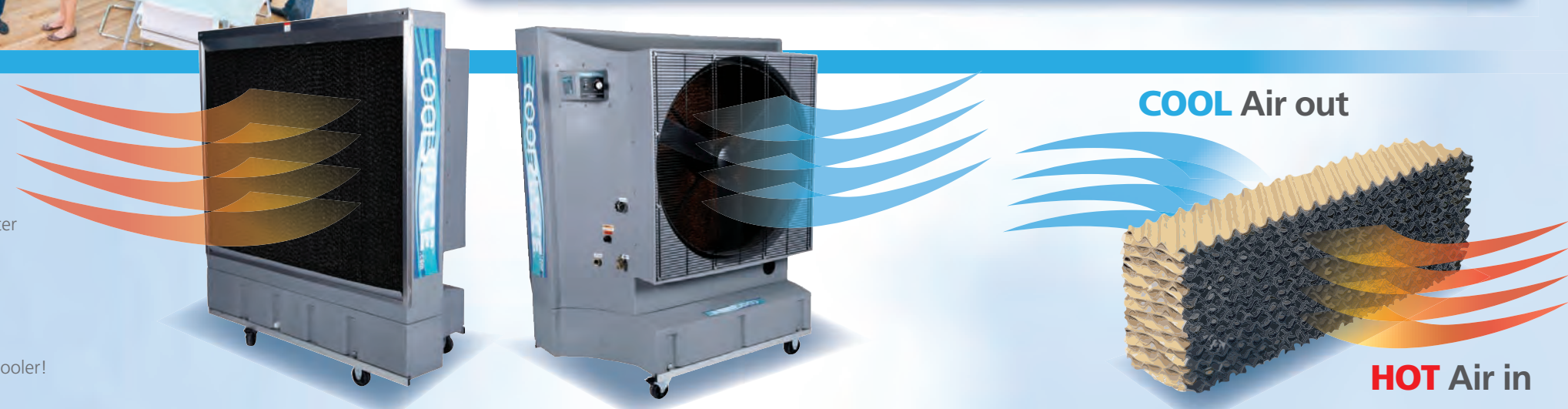
		Humidity%																	
		5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
		Example: 90°F and humidity 35% results in cool air output of 15.8°F cooler																	
Air Temperature °F	75	20.7	19.3	17.9	16.6	15.3	14.1	12.9	11.7	10.6	9.5	8.4	7.4	6.4	5.4	4.4	3.5	2.6	1.7
	80	22.6	21.0	19.4	17.9	16.5	15.2	13.8	12.6	11.3	10.1	9.0	7.9	6.8	5.7	4.7	3.7	2.7	1.8
	85	24.5	22.7	20.9	19.3	17.7	16.2	14.8	13.4	12.1	10.8	9.5	8.3	7.2	6.1	5.0	3.9	2.9	1.9
	90	26.4	24.4	22.5	20.7	19.0	17.3	15.8	14.3	12.8	11.4	10.1	8.8	7.6	6.4	5.2	4.1	3.1	2.0
	95	28.3	26.1	24.0	22.1	20.2	18.4	16.7	15.1	13.6	12.1	10.7	9.3	8.0	6.7	5.5	4.3	3.2	
	100	30.4	27.9	25.6	23.4	21.4	19.5	17.7	15.9	14.3	12.7	11.2	9.8	8.4	7.0	5.8			
	105	32.4	29.7	27.2	24.8	22.6	20.5	18.6	16.7	15.0	13.3	11.7	10.2						
	110	34.4	31.5	28.7	26.2	23.8	21.6	19.5	17.5	15.7	13.9								
115	36.5	33.3	30.3	27.5	25.0	22.6	20.4	18.3											

## How it Works

The fan draws hot, drier air through the thick wet cooling media. As water evaporates into the passing air, it displaces the heat in the air.

### The Result:

Mistless discharged air up to 28°F cooler!



# The COOL-SPACE™ Range



CW-HV



CS5-16-2D



CS5-36-1D / CS5-36-3B / CS5-36-VD



CS5-48-2B

Model No.		CW-HV	CS5-16-2D	CS5-36-1D	CS5-36-3B	CS5-36-VD	CS5-48-2B
Electrical supply		110V/1ph/60 HZ	110V/1ph/60 HZ	110V/1ph/60 HZ	110V/1ph/60 HZ	110V/1ph/60 HZ	110V/1ph/60 HZ
Fan size diameter	in.	12	16	36	36	36	48
Fan power	hp	1/8	1/3	1/2	3/4	3/4	1
Fan type		Centrifugal	Axial	Axial	Axial	Axial	Axial
Fan speed		2-speed	2-speed	1-speed	3-speed	Variable	2-speed
Air flow							
- High	CFM	3,600	2,100	9,500	9,500 / 7,500	9,700	19,600
- Low	CFM	2,700	1,380		5,900	6,400	12,400
Static pressure ESP	in. WC	0.15	0.15	0.15	0.15	0.15	0.15
Fan Drive		Direct	Direct	Direct	Belt	Direct	Belt
Fan Amperage							
- High	A	3.3	3.04	6.45	8.95 / 6.3	6.3	6.45
- Low	A	2.75	1.7		3.2	1.8	3.05
Pump Amperage	A	0.14	0.75	0.75	0.75	0.75	0.75
Cooling media depth	in.	4	8	8	8	8	8
Cooling media area	ft <sup>2</sup>	2.25	5.00	20.00	20.00	20.00	30.00
Water reservoir capacity	Gal	10	16	46	46	46	64
Water supply		Garden hose connection pressure / gravity feed / hand feed					
Unit dimensions	in.	23 W x 22 D x 28 H	25 3/4 W x 24 D x 44 1/2 H	62 W x 31 1/2 D x 69 H	62 W x 31 1/2 D x 69 H	62 W x 31 1/2 D x 69 H	75 W x 34 1/2 D x 84 H
Unit weight	lbs	46	90	310	325	325	557

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