DISCOVER SUPERIOR EVAPORATIVE COOLING
AT AN EXCEPTIONAL VALUE
KEEPING YOUR FAMILY COOL HAS NEVER BEEN EASIER OR MORE AFFORDABLE

The Convair CTA Series is designed to solve your cooling inefficiencies with exceptional reliability and longevity – there is no comparison to rusting metal coolers of the past. The Convair CTA Series offers effortless installation, easy maintenance and a comprehensive warranty which means you can concentrate on staying cool.

BREAKTHROUGH BLACK OPAL™ MINI-CELL CHILLCEL® PAD TECHNOLOGY

- The only evaporative cooling medium of its kind. Fully manufactured in Australia. It’s an absolute out-performer!
- Exclusive small cell design provides cutting-edge cooling capacity.
- Maintains our global leading Mini-Cell Chillcel® pad technology, which increases surface area of the pads by 25%, dramatically multiplying cooling capacity and efficiency - BEYOND BELIEF!
- BLACK OPAL™ MINI-CELL CHILLCEL® pads deliver transformational aesthetics to your home enabling the unit to blend seamlessly into its surroundings.

AUTO WEATHERSEAL (OPTIONAL)

The AUTO Weatherseal closes the cooler air discharge outlet automatically, thus significantly reducing natural air currents from circulating in and out of the building. The result – a more comfortable and controlled environment. Be sure to talk to your installer about optional extras.

Requires a 21 5/8" square raw edged roof jack. Refer to technical specifications for more information. NOTE: Units will not operate with any of the Breezair roof jack adapters.

TORNADO® WATER PUMP

Designed, manufactured and tested by Seeley International. The encapsulated motor has an overload cut-out, stainless steel shaft and bearings with a smart impact-start feature that will overcome any tendency for the pump to become locked up with residue during prolonged off-periods.

CONVAIR GUARANTEE

For complete peace of mind, Convair backs every one of its air conditioning systems with an industry leading comprehensive guarantee program.
**ECONOMICAL COOLING CAPACITY**
Provides a solution for a more affordable installation.

**REGULATORY COMPLIANCE**
Convair’s CTA Series has been tested by a Nationally Recognized Testing Laboratory. ETL Listed to Standard for Electric Fans (UL-507).

**115V / 60HZ POWER SUPPLY**
Available in single phase power supply with built-in fuses to protect the motor and pump.

**NON-CLOGGING WATER DISTRIBUTION**
The water distribution maximizes cooling efficiency, ensuring a continuous and balanced flow of water across the cooling pads.

**BLEED-OFF TRAY**
The easy to install bleed-off tray provides a more precise bleed rate, which results in less mineral build-up in the pads.

**COMPLETELY ENCLOSED MOTOR**
Convair’s fan motor is fully enclosed, preventing moisture and airborne particles from getting inside the motor enclosure. No belts or pulleys necessary.

**LIGHTWEIGHT & DURABLE**
Permatuf™ corrosion-proof cabinet and lightweight construction, UV-stabilized structural polymer materials which means the cabinet will not corrode or rust. Since it’s so much lighter than other coolers on the market, it’s easier to install.

**FRESH, HEALTHY, CLEAN AIR**
The delivered air is 100% fresh, with no risk of recirculated fumes, germs or odors.

Most importantly, as the outside temperature rises, the more cooling you get inside – the fundamental benefit of the evaporative process.
Cooler Discharge Air Temperature Chart

<table>
<thead>
<tr>
<th>Ambient Relative Humidity %</th>
<th>10</th>
<th>20</th>
<th>30</th>
<th>40</th>
<th>50</th>
<th>60</th>
<th>70</th>
<th>80</th>
<th>90</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>37</td>
<td>38</td>
<td>40</td>
<td>42</td>
<td>43</td>
<td>45</td>
<td>46</td>
<td>47</td>
<td>49</td>
</tr>
<tr>
<td>60</td>
<td>43</td>
<td>46</td>
<td>47</td>
<td>50</td>
<td>52</td>
<td>53</td>
<td>55</td>
<td>57</td>
<td>58</td>
</tr>
<tr>
<td>70</td>
<td>50</td>
<td>53</td>
<td>55</td>
<td>58</td>
<td>60</td>
<td>62</td>
<td>64</td>
<td>66</td>
<td>68</td>
</tr>
<tr>
<td>80</td>
<td>56</td>
<td>60</td>
<td>63</td>
<td>66</td>
<td>68</td>
<td>71</td>
<td>73</td>
<td>76</td>
<td>78</td>
</tr>
<tr>
<td>90</td>
<td>62</td>
<td>66</td>
<td>70</td>
<td>74</td>
<td>77</td>
<td>80</td>
<td>83</td>
<td>85</td>
<td>88</td>
</tr>
<tr>
<td>100</td>
<td>68</td>
<td>73</td>
<td>78</td>
<td>82</td>
<td>85</td>
<td>89</td>
<td>92</td>
<td>95</td>
<td>N/A</td>
</tr>
<tr>
<td>110</td>
<td>74</td>
<td>80</td>
<td>85</td>
<td>90</td>
<td>94</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>120</td>
<td>80</td>
<td>87</td>
<td>93</td>
<td>98</td>
<td>103</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>130</td>
<td>86</td>
<td>94</td>
<td>101</td>
<td>106</td>
<td>106</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

This chart represents approximate air temperatures based on 87% saturation efficiency at sea level from tests carried out to Australian Standard 2913.

Cooling capacity is measured to Australian Standard AS2913-2000, ambient of 100.4°F dry bulb & 69.8°F wet bulb, with room exit temperature of 81.3°F. Convair's CTA Series has been tested by the Nationally Recognized Testing Laboratory, ETL List to Standard for Electric Fans (UL-507).