





The 2 types · side-by-side

Distributor-facing reading. Each row gives best-for, key trade-off, capacity, price band, and how many of SPC's tier slots carry an option at that product type.

PRODUCT TYPE	BEST FOR	KEY TRADE-OFF	TYPICAL CAPACITY	PRICE BAND	BRANDS SPC CARRIES
<p>Integrated Aftercooler</p> <p>AIR-COOLED OR WATER-COOLED · APPROACH 15-25°F OVER AMBIENT</p>	<p>The single highest-leverage knockout.</p> <p>Standard on every modern packaged rotary screw and most packaged recip compressors. Retrofit answer for any older install where the customer is complaining about wet tools, short dryer life, or water at every drain point.</p>	<p>INSIDE THE COMPRESSOR ENVELOPE</p> <p>Almost always specified and warranted as part of the compressor itself, not as a separate quote line. Performance degrades sharply in hot compressor rooms (above 100°F ambient) — fouled fins and lost cooling airflow are the most common failure modes.</p>	<p>Matched to compressor full-load CFM</p> <p>air-cooled · water-cooled</p>	<p>\$ - \$\$</p>	<p></p> <p>2 / 5 · CASTAIR + OZEN AIR</p>
<p>Water Separator</p> <p>CYCLONIC BULK-LIQUID CATCH · NO MEDIA TO REPLACE</p>	<p>The dryer's first line of defense.</p> <p>Humid-climate plant air, high-duty-cycle systems, any install where the dryer is sized close to capacity. The single highest-ROI retrofit for any customer whose refrigerated dryer trips on saturated outlet in summer.</p>	<p>LIQUID ONLY, NOT VAPOR</p> <p>Removes free liquid water by centrifugal force — doesn't touch water vapor (that's the dryer's job) or oil aerosol (that's coalescing). The float drain is the wear item; failed drains overflow and dump bulk water downstream into the dryer.</p>	<p>Sized to system SCFM + 25% headroom</p> <p>cyclonic · vertical-mount</p>	<p>\$</p>	<p></p> <p>1 / 5 · WALKER FILTRATION ONLY</p>

Reading the brand bench column — the bar shows how many of SPC's tier slots (Industry Leader · Emerging · Economical · adjacent) carry an option at that product type. A deep bench means a price-driven and a spec-driven option both close cleanly; a narrow bench means the available brands map closely to the technical requirements and the comparison stops being a tier choice.