Kadant Johnson vacuum breakers protect against damage to steam coils and heat exchanger tube bundles due to carbonic acid and freezing, by allowing condensate to drain in a properly piped system. They will also protect against collapse of vessels and back flow in process lines. They range in size from 3/8” to 1-1/2” in either brass or stainless steel. A stainless steel ball and a resilient soft seat form the seal. The design allows for a low cracking pressure. Pressure rating up to 300 psig, temperature up to 365°F.

Kadant Johnson separators use expansion, change in direction, and filtration to effectively remove up to 99% of the precipitate in compressed air and steam systems. They range in size from 3/8” to 4”. The housing material is ductile iron and has a pressure rating up to 300 psig. Some models have a built-in automatic drain to remove unwanted condensate from the compressed air or steam system.