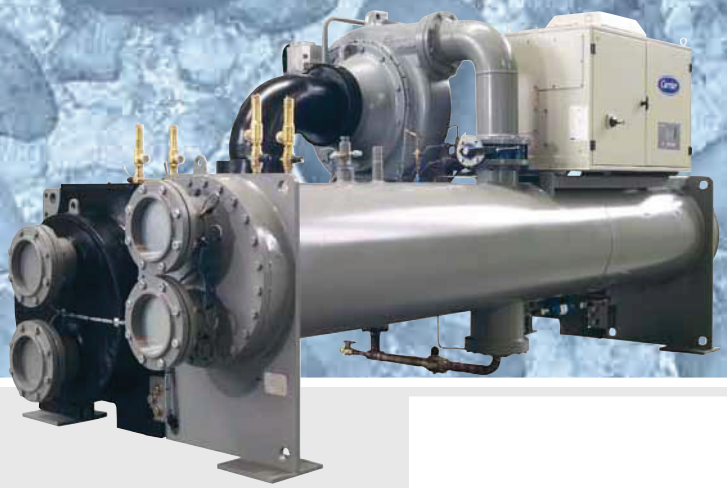

Industrial

19XR/XRV

Options/accessories

- Refrigerant isolation valves allow the refrigerant to be stored inside the chiller during service
- Pumpdown unit, combined with the refrigerant isolation valves, eliminates complex connections to portable transfer systems
- Unit-mounted starter reduces machine installation time and expense
- High-voltage motors available: 3000 V, 3300 V, 6300 V
- CCN/JBus: remote connection
- 21 bar water heat exchanger
- Nozzle with flanges (water inlet/ outlet with flanges)
- Delivered in four sections to facilitate the installation

Features

- Nominal cooling capacities from 1000 to 5300 kW.
- Mix-match capabilities – a complete line of compressors and heat exchangers to ensure the optimal combination of machine components regardless of capacity, lift and efficiency specifications.
- Hermetic compressor – elimination of leak risks from the compressor/motor shaft sealing in an open compressor.
- Single-stage compressor with special features – aerodynamically contoured impellers, variable inlet guide vanes and movable diffusers for better product reliability and compressor part and full-load operating efficiency.
- Variable speed compressor capability – improvement of part load efficiency and electrical performance.
- Heat exchangers certified by the European pressure vessels code (PED).
- Carrier numerical product integrated control offers unmatched flexibility and functionality. Each unit integrates directly with the Carrier Comfort Network (CCN), providing a system solution to controls applications.

Numerical control

Physical data

Nominal capacity, kW	Heat exchanger size	Dimensions, mm				Average operating weight, kg
		Length* – Standard	Length* – Extended	Width (excl. 19XRV)	Height**	
19XR/XRV	3	4230	4754	1670	2127	8000
1000–5300	4	4230	4754	1880	2294	10204
	5	4230	4754	2054	2781	12698
	6	4230	4754	2124	2879	15420
	7	4919	5525	2530	3276	17765
	8	4919	5525	2530	3343	25712

* With two-pass nozzle-in-head water boxes.
** Maximum height

19XR refrigeration cycle