

# INVERTER SCROLL COMPRESSORS NOW AVAILABLE IN CAPACITIES UP TO 40 TONS

**EFFICIENT. TIGHT CONTROL. QUIET.** Valent's inverter scroll compressors reduce operating costs and deliver precise temperature and humidity control when specified with our configurable packaged rooftop units. Available in capacities from 4 to 40 tons and with four energy recovery options, Valent units with inverter scroll compressors meet the performance requirements of a wide variety of applications and climates.



Exceed SEER 18 and IEER 20 ratings with inverter scroll compressors.

## BENEFITS

- **High efficiencies.** Inverter scroll compressors with EC-driven fans can deliver SEER ratings over 18 and IEER ratings over 20. Increased part-load efficiency reduces operating costs.
- **Technologically advanced.** Precise cooling and dehumidification control are delivered with the latest compressor technology, an electronic expansion valve, and a modulating EC condenser fan backed by Unison Controls to optimize performance and efficiency.
- **Quiet.** Inverter scrolls significantly reduce sound during compressor unloading. EC condenser fans with finely-serrated blades significantly reduce radiated sound throughout the operational range, allowing install location flexibility.

## APPLICATIONS



Inverter scroll compressors meet a wide range of application requirements.

- Dedicated outdoor air
- Make-up air
- VAV
- Comfort cooling
- Education
- Commercial office space
- Hospitality
- Healthcare
- Laboratories
- Manufacturing

# CAPACITIES

COOLING CAPACITIES	COMPRESSOR	Nominal tonnage																
		4	5	6	7	8	10	13	16	18	20	25	30	35	40	50	60	70
Packaged air cooled with inverter scroll compressors		V10																
		110																
		210																
		310																
Packaged air cooled with Digital Scroll™ compressors		110																
		210																
		310																
		352																

AIRFLOW CAPACITIES	PRODUCT	Nominal airflow (cfm)															
		550	650	1,000	1,500	2,000	3,000	4,000	5,000	6,000	8,000	10,000	12,000	14,000	16,000	18,000	
VPR/VPRX No energy recovery		V10 (VPR only)															
		110															
		210															
		310															
		352															
VPRE Enthalpy wheel		110															
		210															
		310															
		352															
VPRP Sensible flat plate		110															
		210															
		310															
		352															
VPRC Enthalpic core		110															
		210															
		310															
		352															

## THE VALENT ADVANTAGE

Valent manufactures highly-configurable air handling equipment. Valent is known for:

**ROBUST DESIGNS**

**RELIABLE OPERATION**

**FLEXIBLE OPTIONS** and

**DEDICATED PRODUCT SUPPORT**

### LEARN MORE

[Valent Products Catalog](#)

[Valent Corporate Brochure](#)

[www.valentair.com](http://www.valentair.com)

**valent**

Configurable Packaged Air Handling Equipment

[valentair.com](http://valentair.com)

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Valent is a business of Unison Comfort Technologies.  
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