

KAESER
COMPRESSORS®

Built for a lifetime.



Oilless Compressors

i.Comp 8 and 9 Series

Pressures from 30 to 160 psig

Flows up to 20.1 cfm

kaeser.com

i.Comp 8 and 9 Series

Oilless variable speed compressors

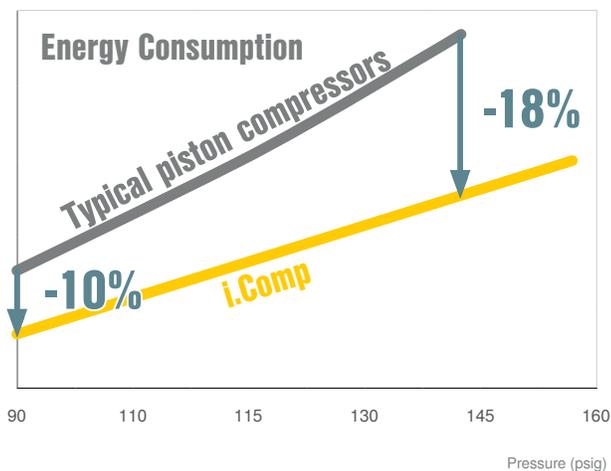
The i.Comp series compressors are variable speed, direct-drive, oilless reciprocating compressors ideally suited for low intermittent demands with high air quality requirements. With flows up to 20.1 cfm and pressures from 30 to 160 psig, the i.Comp delivers more air per kW than comparable piston compressors. They are compact, quiet and require very little routine service. KAESER i.Comp units deliver outstanding energy efficiency, maintenance-friendliness, and durability to ensure years of dependable, cost-effective service.

Innovative

The innovative new drive concept provides many advantages. The directly integrated motor and pump eliminates belts and minimizes transmission losses. The variable speed drive eliminates the frequent start/stop cycles that wear out motors, and it automatically matches air output to demand for more stable pressure and unmatched energy efficiency. The oilless design delivers superior air quality for longer tool life and protection of sensitive instruments.

Low energy consumption

The combination of variable speed drive, high motor efficiency, and smart controls achieves greater energy cost savings, even at part load. The specific package input power of i.Comp 8/9 compressors is up to 18% lower than conventional reciprocating compressors.



Reliable

i.Comp units can sustain higher duty cycles with much smaller tanks than other tank mounted piston units. Soft motor starts reduce inrush currents that can break down motor windings and i.Comp's superior cooling air flow design allows operation in ambient temperatures as high as +113°F. This eliminates the need for wide pressure bands and large tanks as with other pistons, which must stop to cool down. Running cooler also helps eliminate moisture in the compressed air.

Nearly zero maintenance

Though nearly maintenance free, the i.Comp has a hinged sound enclosure cover that locks open when occasional service is needed. There is no oil and since it is direct drive, there are no belts to change. The only routine service item is the easily accessible inlet filter.



Superior air quality from one package

The fully integrated TOWER T models arrive complete with compressor, refrigerated dryer, air tanks and automatic Eco-Drain in a compact turnkey package. The absence of oil eliminates the oil carryover common among piston compressors and the integrated refrigerated dryer delivers clean dry air with pressure dew points as low as 38°F to reduce maintenance and extend the life of pneumatic equipment. With a sound level of 65 dBA and barely any vibration, the i.Comp is whisper quiet compared to most shop compressors and it can be placed in the work space without reducing comfort or safety.

For flexibility, i.Comp 8 and 9 series are also available compressor only (G) or with twin storage tanks (Tower). These versions may be preferred if alternate storage is used or system design calls for a different dryer (or no dryer is needed).



Innovative drive module

The integrated motor/pump saves space, increases drive efficiency and eliminates belts with their associated losses and maintenance. Optimized cooling and inlet air flow paths improve reliability and reduce pressure losses.



Advance control

SIGMA CONTROL[®] 2 combined with variable frequency control provides soft motor starts and automatically adjusts air output to meet actual compressed air demand. You have precise pressure control from 30 to 160 psig at your fingertips, and the unit displays operating status and is easy to monitor remotely via Ethernet or secure modem. Multiple units can be networked.

Technical Specifications

Model	Motor	Maximum pressure	Capacity		Dimensions W x D x H	Sound Level
	hp		psig	at 90 psig cfm	at 160 psig cfm	
i.Comp 8 G	4.2	160	14.3	10.3	31 x 48 x 40 1/2	65.7
i.Comp 8 TOWER					33 x 48 2/5 x 54 1/3	
i.Comp 8 TOWER T						
i.Comp 9 G	5.6		20.1	14.4	31 x 48 x 40 1/2	
i.Comp 9 TOWER					33 x 48 2/5 x 54 1/3	
i.Comp 9 TOWER T						

All models require 460V, 3 phase, 60 Hz electrical connection

Tower T models have 0.28 kW refrigerant compressors charged with R-513A

Dimensions



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