

HITACHI

DC INV Scroll Compressors with Advanced Gas Injection For Commercial Air-Conditioning



As a core technology to your air-conditioning system, your choice of compressor plays an important role in determining your system performance and reliability. As a market leader in VRF system technology, Hitachi scroll compressors deliver the performance and reliability you need. Based on decades of experience, our designs feature advance gas injection, incorporate the latest in motor technology and provide flexible operation with our dynamic oil balance technology.

DC INV Scroll Compressors for Commercial Air-Conditioning

■ Product Features

Advanced Gas Injection

Lowers discharge temperatures, increases capacity and expands operating envelop for enhanced performance

High Efficiency Motor

Maintains high efficiency levels across wide speed range from 10-140 rps

Dynamic Oil Balance

Unsurpassed oil management in parallel piped systems; no limit on installation height, allows mixed speed and displacement options - greater system flexibility

Improved Asymmetric Wrap

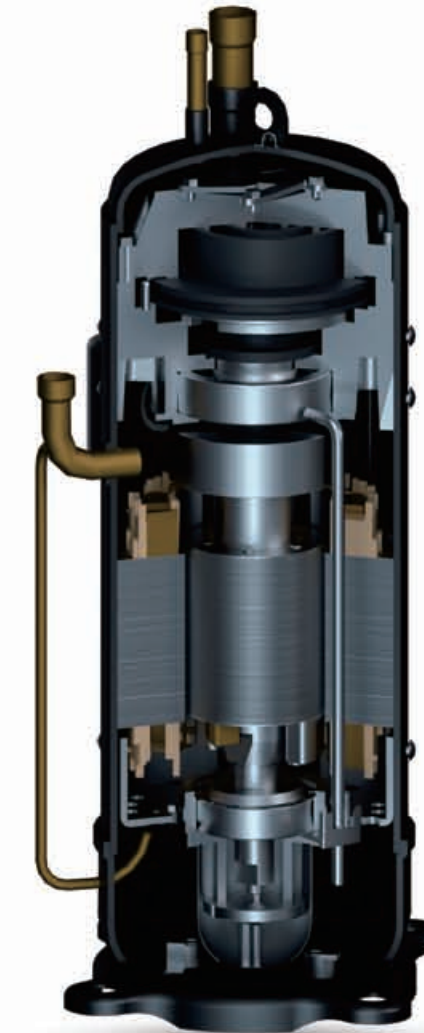
Additional displacement and superheat reduction for greater compressor efficiency

Intermediate Gas Pressure

Axial forces are continually adapting, blending discharge pressure and compressed suction pressure for optimized performance throughout the operating envelop

Internal Oil Circulation Structure

Low oil circulation rates (<2%) keeping oil in the compressor for superior reliability



■ Product Line

Refrigerant	Motor	Capacity(kw)																	
		2	4	8	12	16	20	24	28	32	36	40	44	48	→	62	64	68	72
R410A	DC INV																		
	Fixed Speed																		

江森自控日立万宝压缩机（广州）有限公司

Johnson Controls-Hitachi Wanbao Compressor (Guangzhou) Co., Ltd.

地址：广州市从化城鳌大道东路1086号
电话：020-87861360, 87865102
传真：020-87861808, 87861358
邮编：510935
<http://www.jci-hitachi.com>

ADD.: NO.1086, East Cheng'ao Road, Conghua District, Guangzhou City, China
TEL.: 020-87861360, 87865102
FAX: 020-87861808, 87861358
P.C.: 510935
<http://www.jci-hitachi.com>