

# R290 SCROLL COMPRESSORS

## HITACHI ZS INVERTER SERIES

**VARIABLE  
SPEED**

**PRECISE  
TEMPERATURE  
CONTROL**

**LOWER  
ENERGY  
CONSUMPTION**



- Speed Matched to Changing Demand To Improve Performance
- Fewer Start/Stops Cuts Operating Costs
- Same Model Suitable for LBP, MBP and LBP Applications
- Low Height and Compact Design Maximises Display Area
- Ideal for Island or Self-Contained Display Cases

Compatible with  
Coolvert Inverter Drive

Pre-qualified with R448A/  
R449A and R404A models

Built-in soft start  
maximises life-span

**3 Inverter Models for R290:  
9.8CC, 15.9CC & 20.1CC**

# HITACHI



ALSO AVAILABLE AS

- FIXED SPEED MODELS
- R448A, R449A, R1270 AND R404A MODELS

# R290 SCROLL COMPRESSORS

## SCI APB HEAT PUMP INVERTER SERIES

**33CC, 42CC  
& 52CC  
MODELS**

**A+++  
EFFICIENCY**

EN14825

**PATENTED  
FCT  
TECHNOLOGY  
CUTS ENERGY  
USE**

- 1.5kW to 17.5kW of Cooling Capacity
- Low Noise and Vibration Levels
- Wide Envelope
- ATEX Terminal Separated from Compressor Terminal for Safe Use with R290
- Ideal for Island or Self-Contained Display Cases

#### IN DEVELOPMENT

- 87CC AND 100CC MODELS FOR LARGE-SIZED HEAT PUMPS
- UP TO 32KW HEATING CAPACITY
- PATENTED OVAL SCROLL TECHNOLOGY WIDENS STROKE VOLUME BY 36% AND ALLOWS COMPRESSOR DOWNSIZING



#### Frame Compliant Technology (FCT)

Advanced scroll feature enhances compressor efficiency and adjusts the thrust force to reduce excessive energy usage and minimise losses in performance during operation



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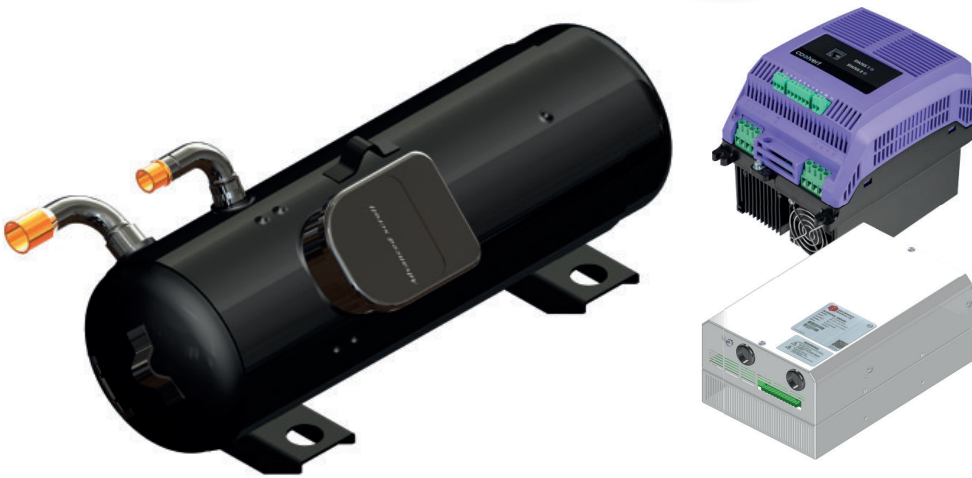
# R290 SCROLL COMPRESSORS

## SCI DPW INVERTER SERIES

**VARIABLE  
SPEED**

**UP TO  
7.6KW (MT)  
& 2.5KW (LT)**

**FOR CABINETS  
UP TO 3.75M**



Compatible with  
Coolvert Inverter  
Drive

or

Dedicated SCI Drive

- R290 Models - 22CC, 28CC, 36CC & 42CC
- Low Noise and Vibration Levels
- Class B (EEI) Energy Efficiency
- ADD A THERMO-ACOUSTIC SHELL TO REDUCE NOISE TO 49DBA
- LESS THAN 180MM HIGH, MAXIMISING RETAIL SPACE
- OVAL SCROLL FOR MORE CAPACITY

### Recommended Cabinet Size

	1m (3 feet)	2m (6 feet)	2.75m (9 feet)	3.75m (12 feet)
DPW22	4.1kW (MT) / 1.3kW (LT)			
DPW28		5.2kW (MT) / 1.6kW (LT)		
DPW36			6.5kW (MT) / 2.3kW (LT)	
DPW42				7.6kW (MT) / 2.5kW (LT)



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