



industry revolves around

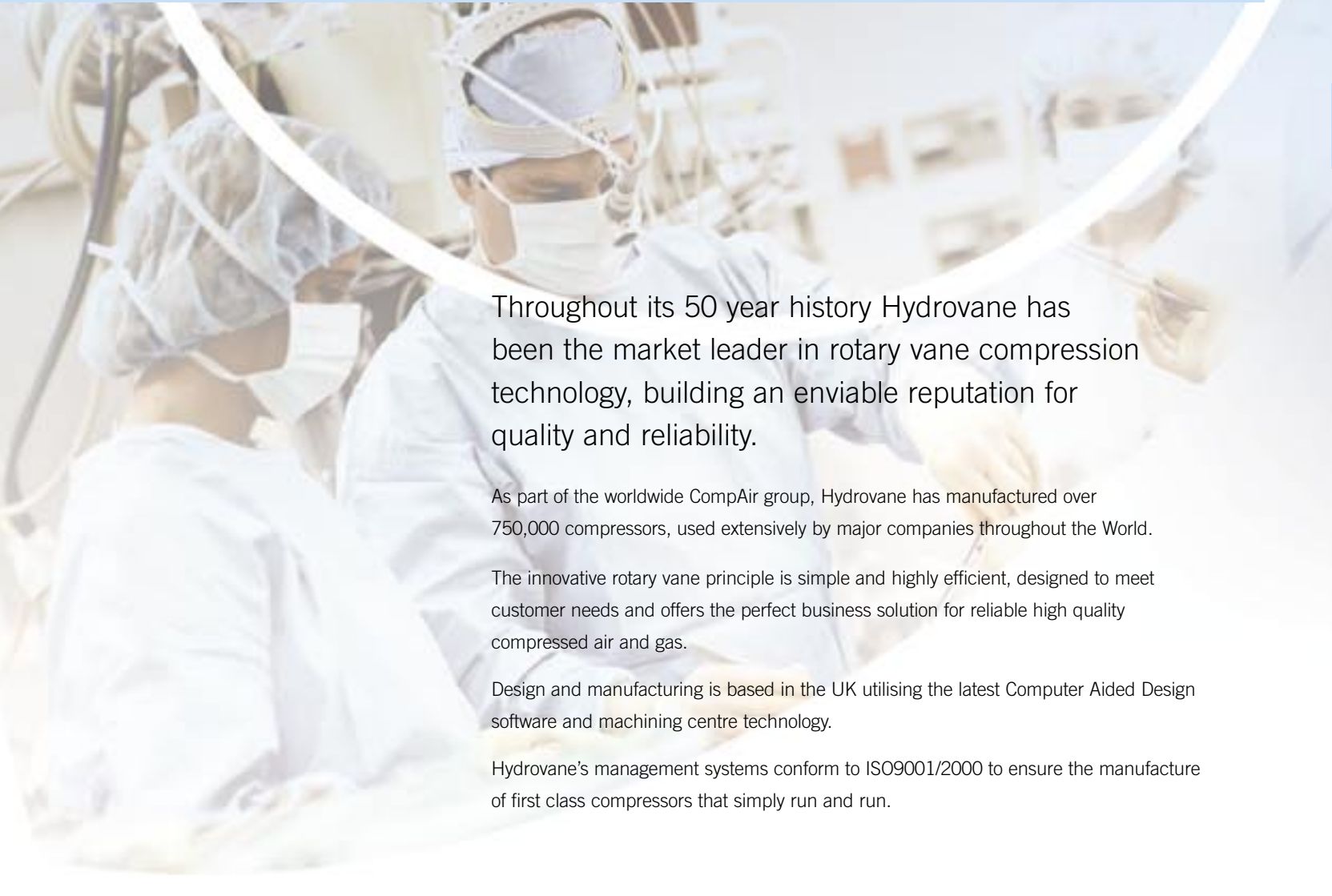
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revolves around **innovation**



Throughout its 50 year history Hydrovane has been the market leader in rotary vane compression technology, building an enviable reputation for quality and reliability.

As part of the worldwide CompAir group, Hydrovane has manufactured over 750,000 compressors, used extensively by major companies throughout the World.

The innovative rotary vane principle is simple and highly efficient, designed to meet customer needs and offers the perfect business solution for reliable high quality compressed air and gas.

Design and manufacturing is based in the UK utilising the latest Computer Aided Design software and machining centre technology.

Hydrovane's management systems conform to ISO9001/2000 to ensure the manufacture of first class compressors that simply run and run.

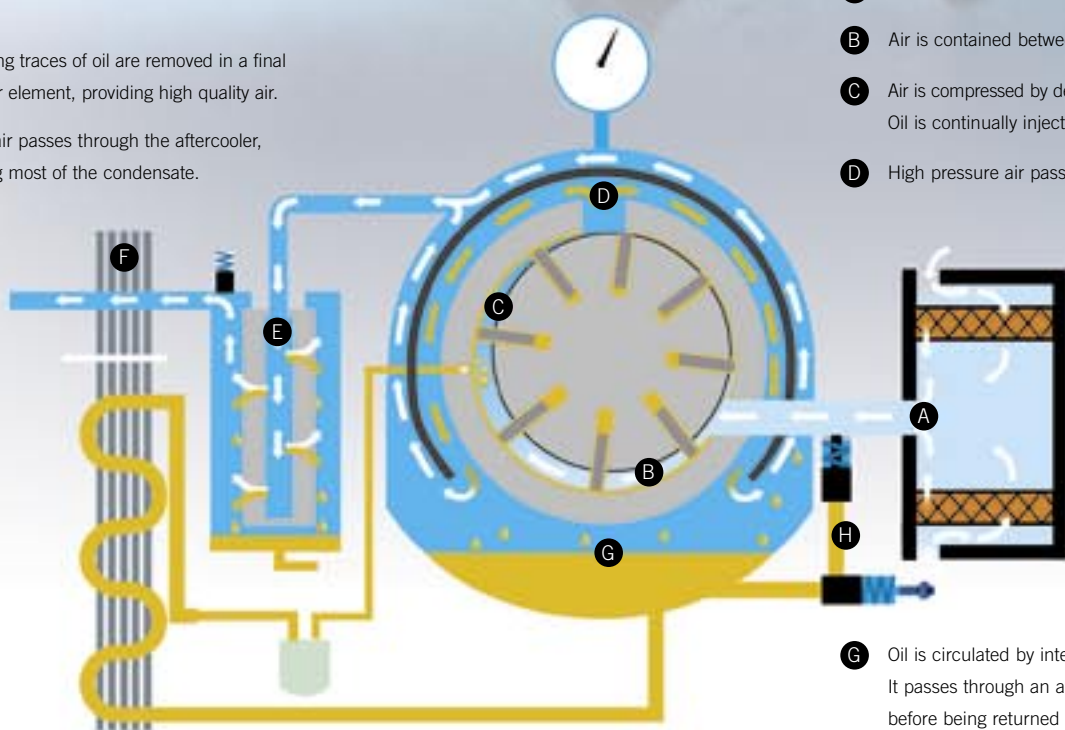
## Hydrovane key benefits

The key to Hydrovane's exceptional performance is the simplicity of the rotary vane principle:

<b>Reliability</b>	Directly driven at low speed with minimal stresses, <b>provides a totally dependable air supply</b>
<b>Quality air</b>	Consistent pulse free supply with automatic regulation <b>delivers clean dry compressed air</b>
<b>Efficiency</b>	Intake modulation combined with low energy vent down <b>minimises energy costs</b>
<b>Long lasting</b>	No bearings or metal parts to be replaced <b>just runs and runs and runs</b>
<b>Quiet</b>	Integral design combined with slow speed <b>offers extensive choice of locations</b>
<b>Back up</b>	10 year 'built in' Advance warranty programme <b>known costs for total peace of mind.</b>

## how it works

- E** Remaining traces of oil are removed in a final separator element, providing high quality air.
- F** System air passes through the aftercooler, removing most of the condensate.



- A** Air is drawn in through the intake valve.
- B** Air is contained between the rotor and the stator wall.
- C** Air is compressed by decreasing volume. Oil is continually injected to cool, seal and lubricate.
- D** High pressure air passes into the primary oil separator.
- E** Remaining traces of oil are removed in a final separator element, providing high quality air.
- F** System air passes through the aftercooler, removing most of the condensate.
- G** Oil is circulated by internal air pressure. It passes through an air-blast oil cooler and filter before being returned into the compressor.
- H** Air flow is regulated by an inbuilt modulation system.



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## HV01-04 (1 - 4 kW)



Engineered to meet the most stringent of specifications this range is designed for a wide variety of applications including automobile, car body repair shops, dentistry, packaging and machine tools.

### Key Features

- Small integrated design fits anywhere
- Available free standing or receiver mounted
- Continuous run or stop/start control
- Low noise level
- Totally vibration free
- Ideal for a wide range of OEM applications
- Single phase versions up to 2kW
- Design Council award winning design linking simplicity of operation with proven reliability.



	Model	FAD l/s (cfm) 10 bar	Motor Power (kW)	Motor Speed (rpm)	Oil Capacity (l)	Air Outlet RP	Dimensions (mm)			Noise dB(A)	Weight (kg)
							Length	Width	Height		
<b>Tripod Mounted</b>	HV01	2 (4)	1.1	1450	1.0	0.375	700	270	470	62	41
	HV02	4 (8)	2.2	2900	1.0	0.375	700	270	470	69	41
<b>Receiver Mounted</b>	HV01RM	2 (4)	1.1	1450	1.0	0.375	1153	300	681	62	77
	HV02RM	4 (8)	2.2	2900	1.0	0.375	1153	300	681	69	77
	HV04RM	9 (20)	4.0	1450	1.8	0.5	1420	459	982	73	145

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## HV04-07 (4 - 7.5 kW)



The vertical Hydrovane compressor is a totally new concept building on the proven vane technology that has been continually developed over the last 50 years.

### Key Features

- Maximum air delivery at minimum cost.  
'No drive drive' means no belts, pulleys or couplings, nothing to fail, nothing to change.  
100% drive efficiency 100% of the time
- Cleanest air available from a lubricated compressor
- Smallest footprint in its kW range
- Lowest noise level
- Electronic control panel  
Compliments the most modern environment
- Full air intake modulation and automatic stop/start
- Spin off maintenance. Quick, easy and cost effective
- Single speed 7 and 10 bar models
- Regulated speed with integrated inverter offering choice of system pressures from 6 to 10 bar combined with minimum energy consumption.

	Model	FAD l/s (cfm)		Motor Power (kW)	Motor Speed (rpm)	Oil Capacity (l)	Air Outlet RP	Dimensions (mm)			Noise dB(A)	Weight (kg)
		7 bar	10 bar					Length	Width	Height		
<b>Free Standing Vertical</b>	HV04	11 (24)	9 (20)	4.0	1450	3.0	0.75	635	500	1050	66	181
	HV05	15 (32)	12 (25)	5.5	1450	3.0	0.75	635	500	1050	66	186
	HV07	21 (44)	17 (35)	7.5	1450	3.0	0.75	635	500	1050	67	197

Free Air Delivered (FAD) according to ISO 1217 Noise measured in accordance with ISO 3744, tolerance ±3dB(A)

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## HV11-22 (11 - 22 kW)

This range is normally supplied as an open free standing compressor which can be simply upgraded to a fully enclosed super silent unit.

### Key Features

- Open or enclosed
- Low noise levels in standard open form
- Full air intake modulation
- IP55 Class F motor directly driving the well proven Hydrovane air end
- Integrated starter providing auto idle (low power off load) running combined with automatic stop/start (HV18 - HV22 only)
- Quality air, <10°C above ambient, oil content <5ppm
- Total service access backed up with full range of service kits
- Regulated speed with integrated inverter offering choice of system pressures from 6 to 10 bar.

### Combi Design

The key to the combi designs versatility is the unique platform base. All models utilise a standard steel base frame on which the compressor/motor assembly sits. The addition of four clip on panels quickly and easily converts the open compressor into a totally enclosed unit reducing noise levels by 2dB(A) and improving the aesthetics.



	Model	FAD l/s (cfm)		Motor Power (kW)	Motor Speed (rpm)	Oil Capacity (l)	Air Outlet RP	Dimensions (mm)			Noise dB(A)	Weight (kg)
		8 bar	10 bar					Length	Width	Height		
Open Platform Base	HV11	29 (61)	25 (52)	11	1450	5.7	0.75	1578	610	976	76 (74)	327
	HV15	38 (81)	33 (71)	15	1450	5.7	0.75	1578	610	976	78 (76)	355
	HV18	49 (104)	42 (90)	18	1450	13.6	1.0	1772	610	1087	76 (74)	450
	HV22	60 (127)	52 (110)	22	1450	13.6	1.0	1772	610	1087	78 (76)	450

HV11 - HV15 enclosure kit 34560, noise attenuation module 34564  
HV18 - HV22 enclosure kit 34541, noise attenuation module 34552

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## HV30-45 (30 - 45 kW)

Hydrovane heavy duty range mounted on steel tripods.

### Key Features

- Full air intake modulation
- Power saving duel mode controls
- Easy access starter with auto idle (low power off load running) combined with automatic stop/start
- Directly driven at electric motor speed
- Simple to operate, install and maintain
- Cast iron components. Efficiency improves with time
- Over temperature protection of compressor and electric motor
- Integral aftercooler
- Regulated speed with integrated inverter offering choice of system pressures from 6 to 10 bar (HV37RS only).

### No Air Receiver Required

All Hydrovane compressors deliver clean, pulse free air at a constant pressure. This means the compressor can utilise a receiver or alternatively the compressed air may be taken direct to the system.



	Model	FAD l/s (cfm)		Motor Power (kW)	Motor Speed (rpm)	Oil Capacity (l)	Air Outlet RP	Dimensions (mm)			Noise dB(A)	Weight (kg)
		8 bar	10 bar					Length	Width	Height		
Tripod Mounted	HV30	78 (165)	72 (152)	30	1450	13.6	1.25	1875	867	900	80	560
	HV37	94 (199)	87 (185)	37	1450	14.5	1.5	1972	910	1032	84	620
	HV45	114 (242)	100 (210)	45	1450	24	1.5	1972	910	1032	84	696

Free Air Delivered (FAD) according to ISO 1217

Noise measured in accordance with ISO 3744, tolerance  $\pm 3$ dB(A)

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## HV55-75 (55 kW - 75 kW)

Designed and engineered to satisfy the larger demands of industry.

Fully enclosed, the direct drive compressor takes full advantage of the latest microprocessor technology for total compressor control.

### Key Features

- Low noise level - acoustically attenuated steel panels
- Intake modulation and low energy vent down
- IP55 Class F motor
- Compressor directly driven at electric motor speed
- High quality air <10°C above ambient
- Serviceability - easy panel removal for total access
- Cyclonic air intake
- Electronic control panel
- Thermistor overtemperature protection of motor and compressor.



	Model	FAD l/s (cfm) 7.5 bar	Motor Power (kW)	Motor Speed (rpm)	Oil Capacity (l)	Air Outlet RP	Dimensions (mm)			Noise dB(A)	Weight (kg)
							Length	Width	Height		
Enclosed	HV55	158 (335)	55	1450	42	1.5	2330	955	1600	71	1450
	HV75	211 (447)	75	1450	42	1.5	2330	955	1600	73	1560

Free Air Delivered (FAD) according to ISO 1217

Noise measured in accordance with ISO 3744, tolerance ±3dB(A)



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## HV07-75RS Regulated Speed (7.5kW - 75kW)



The major cost of compressor ownership is energy.

The Hydrovane range of Regulated Speed compressors are specifically designed to save energy.

To achieve this the compressor speed is regulated to exactly meet the system air requirement, providing high quality air at minimum cost.

### Key Features

- Energy savings typically 30% to 50%
- Customer selectable target pressure
- Pressure range from 6 to 10 bar
- Standard component parts - inverter, motor and compressor
- Top efficiency at all operating speeds
- Industry 'state-of-the-art' inverter technology
- Automatic 'super soft' starting
- Small operating speed range only 1000 to 2000rpm
- Built-in choke and filter to remove EMC noise
- As easy to maintain as a single-speed compressor.

	Model	FAD l/s (cfm)		Motor Power (kW)	Motor Speed (rpm)	Oil Capacity (l)	Air Outlet RP	Dimensions (mm)			Noise dB(A) open (enc)	Weight (kg)
		7.5 bar	8 bar					Length	Width	Height		
Regulated Speed	HV07RS	0 to 20 (0 to 42)		7.5	0 to 2000	3.0	0.75	635	500	1050	67	204
	HV15RS	0 to 39 (0 to 83)		15	0 to 2000	5.7	0.75	1578	620	976	78 (76)	370
	HV22RS	0 to 56 (0 to 119)		22	0 to 2000	13.6	1.0	1772	620	1087	78 (76)	490
	HV37RS	0 to 95 (0 to 200)		37	0 to 1750	14.5	1.5	2113	950	979	84	831
	HV75RS	0 to 205 (0 to 430)		75	0 to 1950	42	1.5	2330	955	1600	73	1650

Free Air Delivered (FAD) according to ISO 1217 Noise measured in accordance with ISO 3744, tolerance  $\pm 3$ dB(A)

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# NEW

**HV04, HV05, HV07**  
 (4, 5.5 and 7.5 kW)  
**HV07RS** (Regulated Speed)

### Original Vertical Hydrovane Concept

- Market leading design
- Radically different
- Rotary vane technology
- Vertical configuration
- Smallest footprint in its size
- Best performer in its size
- No drive drive
- No gaskets
- Spin off servicing
- A beautiful looking compressor

### The NEW Vertical Hydrovane

#### IMPROVED:

- Steel enclosure
- Electronic control
- Specific performance
- Air quality
- Noise level
- Aesthetics
- Ease of transportation
- Ease of installation
- Ease of servicing

### The NEW Hypac Refrigerant Range HV04 to HV07 Vertical Compressors

Available in 3 versions

- ACER receiver mounted
- ACED floor mounted with refrigerant dryer and filtration
- AERD receiver mounted with refrigerant dryer and filtration.



	Model	FAD l/s (cfm)		Motor Power (kW)	Motor Speed (rpm)	Oil Capacity (l)	Air Outlet RP	Dimensions (mm)			Noise dB(A)	Weight (kg)
		7 bar	10 bar					Length	Width	Height		
<b>NEW Free Standing Vertical</b>	HV04	11 (24)	9 (20)	4.0	1450	3.0	0.75	635	500	1050	66	181
	HV05	15 (32)	12 (25)	5.5	1450	3.0	0.75	635	500	1050	66	186
	HV07	21 (44)	17 (35)	7.5	1450	3.0	0.75	635	500	1050	67	197
	HV07RS	0 - 20 (0 - 42)		7.5	Regulated	3.0	0.75	635	500	1050	67	204
<b>NEW Hypac Vertical Refrigerant Range</b>	ACER	11 (24) - 21(44)	9(20) - 17(35)	4.0 - 7.5	1450	3.0	0.75	1570	741	1520	66 / 67	306-329
	ACED	11 (24) - 21(44)	9(20) - 17(35)	4.0 - 7.5	1450	3.0	0.75	900	741	1100	66 / 67	223-247
	AERD	11 (24) - 21(44)	9(20) - 17(35)	4.0 - 7.5	1450	3.0	0.75	1570	741	1520	66 / 67	348-372

Free Air Delivered (FAD) according to ISO 1217

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## Hypac range HV01-07 (1kW - 7.5kW)

A fully integrated range of compressor packages with outputs from 2 to 21l/s.



### **Hypac Membrane Range HV01 to HV04 Horizontal Compressors**

Available as a factory built package or kit for local assembly

- Horizontal receiver (75 litre for 1 and 2kW, 200 litre for 4kW)
- Hydrovane direct drive horizontal compressor
- Aftercooler for primary water separation
- Membrane dryer technology
- CF series filtration
- Automatic stop start
- Fully connected and ready to run.



### **Hypac Refrigerant Range HV04 to HV07 Vertical Compressors**

Available in 3 versions

- ACER receiver mounted
- ACED floor mounted with refrigerant dryer and filtration
- AERD receiver mounted with refrigerant dryer and filtration.

#### **ACER Receiver Mounted**

An integrated compressor and receiver combination

- Hydrovane vertical compressor
- Horizontal 250 litre receiver
- Automatic stop start and regulated speed.



#### **ACED Floor mounted with refrigerant dryer and filtration**

A complete compressor and dryer package

- Hydrovane vertical compressor
- X series water trap
- F series refrigerant dryer (pressure dew point 3°C)
- CF series in-line filter (1 micron)
- Automatic stop start and regulated speed
- Fully connected and ready to run.



#### **AERD Receiver mounted with refrigerant dryer and filtration**

The total package of compressor dryer, filtration and receiver

- Hydrovane vertical compressor
- Horizontal 250 litre receiver
- X series water trap
- F series refrigerant dryer (pressure dew point 3°C)
- CF series in-line filter (1 micron)
- Automatic stop start and regulated speed
- Fully connected and ready to run.

## Hypac range



### Hypac Membrane Range

#### HV01 - 04 Horizontal

- Ultra dry air (pressure dew point 30°C below ambient)
- Ultra clean air (0.01 micron)
- Dry air stored in receiver - no corrosion
- Membrane dryer technology
  - No moving parts
  - No maintenance
  - No electrical connections
  - No condensate discharge
  - No CFCs
  - No noise

#### Typical Applications

- Co-ordinate measuring, dentistry, electronics, laboratories, laser cutting, machine tools, optical, packaging, spraying, printing, robotics and a multitude of OEM applications.

### Hypac Refrigerant Range

#### HV04 - 07 Vertical

- Dry air (pressure dew point 3°C)
- Clean air (1 micron)
- Dry air stored in receiver - no corrosion
- Refrigerant dryer technology
  - Simple, efficient, reliable

#### Typical Applications

- Garages, tyre shops, body shops, engineering, woodworking, textiles, laundries, packaging, paper.
- any compressed air user looking for a compact total package solution.

Compressor Performance	Model	Working Pressure (bar g)		Ambient Temperature min - max (°C)	FAD l/s (cfm)		Motor Speed (rpm)	Oil Capacity (l)	Air Cleanliness (mg/m³)	Dryer Type	Noise dB(A)
		Max	Min		7 bar g	10 bar g					
Horizontal Membrane Range	HV01	10	6	0 - 40	-	2 (4)	1450	1	<5	Membrane	62
	HV02				-	4 (8)	2900	1			69
	HV04				-	9 (20)	1450	1.8			73
Vertical Refrigerant Range	HV04	7 or 10	6	0 - 45	11 (24)	9 (20)	1450	3	<2	Refrigerant	66
	HV05				15 (32)	12 (25)					67
	HV07				21 (44)	17 (35)					
	HV07RS				0-20 (0-42)	-	Regulated				

Hypac Build	Model	Package Dimensions (mm)			Outlet Connection (inches)	Package Weights (kg)					FAD l/s (cfm)		Receiver Capacity (l)	Air Cleanliness (mg/m³)	Pressure Dew Point (°C)
		Length	Width	Height		Horizontal HV01/02/04	4kW	5kW	7kW	7kW RS	7 bar g	10 bar g			
Horizontal Membrane Range	HV01	1153	300	681	0.375	93	-	-	-	-	-	1.6 (3.36)	75	0.01	30*
	HV02	1153	300	681		93	-	-	-	-	-	3.2 (6.7)	75	0.01	30*
	HV04	1420	459	982	0.5	156	-	-	-	-	-	7.2 (15)	200	0.01	30*
Vertical Refrigerant Range	ACER	1570	741	1520	0.75	-	306	311	322	329	-	-	250	<2	8
	ACED	900	741	1100		-	223	229	240	247	-	-	-	<1	3
	AERD	1570	741	1520		-	348	354	365	372	-	-	250	<1	3

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\*Below ambient

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	Original Feature	Design Improvement	Customer Benefit
DESIGN	<ul style="list-style-type: none"> <li>Plastic enclosure</li> </ul>	<ul style="list-style-type: none"> <li>Steel enclosure</li> <li>Captive nuts for cooling air ducting</li> </ul>	<ul style="list-style-type: none"> <li>Stronger robust design making it easier and safer to transport</li> <li>Less critical ambient restrictions</li> </ul>
	<ul style="list-style-type: none"> <li>Plastic panels with retaining screws</li> </ul>	<ul style="list-style-type: none"> <li>Single hinged front door for total service access</li> </ul>	<ul style="list-style-type: none"> <li>No panels to be unbolted making service access even quicker</li> </ul>
CONTROLS	<ul style="list-style-type: none"> <li>Standard electric controls</li> </ul>	<ul style="list-style-type: none"> <li>Electronic control with illuminated display</li> <li>Constant display of line pressure and compressor temperature</li> <li>All compressor settings from panel</li> <li>Choice of display units</li> <li>Pressure restart protection</li> <li>High temperature warning and automatic stop protection</li> <li>Service countdown</li> <li>Automatic / continuous run selector</li> </ul>	<ul style="list-style-type: none"> <li>Easy to see / Easy to use</li> <li>Visual control of main operating parameters</li> <li>Quick easy and accurate settings</li> <li>Can be tailored to customer preference</li> <li>Minimal restart load on motor and drive</li> <li>Prevention of overtemperature damage</li> <li>Exact servicing time known allowing downtime planning</li> <li>Most efficient operating mode can be instantly selected</li> </ul>
	<ul style="list-style-type: none"> <li>Pressure switches</li> </ul>	<ul style="list-style-type: none"> <li>Transducers</li> </ul>	<ul style="list-style-type: none"> <li>Quick and direct access for adjustment Solid state technology for reliable operation</li> </ul>
	<ul style="list-style-type: none"> <li>Emergency stop used as 'off switch'</li> </ul>	<ul style="list-style-type: none"> <li>Dedicated emergency stop</li> </ul>	<ul style="list-style-type: none"> <li>Conforms to international electrical standards</li> </ul>
INSTALLATION	<ul style="list-style-type: none"> <li>Smallest footprint available</li> </ul>	<ul style="list-style-type: none"> <li>Widened to accept a standard pallet truck</li> </ul>	<ul style="list-style-type: none"> <li>Easy to move to site without special pallet truck Will pass through a standard door</li> </ul>
	<ul style="list-style-type: none"> <li>Small starter box</li> </ul>	<ul style="list-style-type: none"> <li>Starter box increased in size to form one complete side of the compressor making the construction considerably stronger</li> <li>Starter access for wiring from bottom of starter box</li> <li>Incoming cables wired direct to dedicated terminal block</li> <li>Starter box door can be opened without removing panels</li> </ul>	<ul style="list-style-type: none"> <li>More space to fit ancillary equipment Greater enclosure strength preventing transit damage</li> <li>Preferred wiring option making installation quicker,easier and neater</li> <li>Positive wire location making it easy to firmly secure incoming cables reducing the risk of unexpected electrical failure</li> <li>Easy access for quick installation</li> </ul>
SERVICING	<ul style="list-style-type: none"> <li>Component position</li> </ul>	<ul style="list-style-type: none"> <li>Inverter repositioned within starter enclosure with forced cooling air feed</li> <li>All service points repositioned in drive end cover</li> <li>All service points at front of compressor</li> <li>Oil drain with drain tap</li> <li>Oil 'fill to overflow' indicator</li> <li>Oil temperature sensing point</li> <li>Oil site glass</li> </ul>	<ul style="list-style-type: none"> <li>Maximises inverter efficiency extending life</li> <li>No possibility of leaks Less components</li> <li>Quick and easy to service</li> <li>Easy 'drip free' oil draining</li> <li>Exact oil level always attained</li> <li>Manual indication of oil temperature raising servicing standards</li> <li>Quick visual indication of oil level maintaining optimum efficiency</li> </ul>

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## Hydrovane Advance Warranty Programme

The Hydrovane 'Advance' warranty is a unique compressor care programme formulated to offer the compressor owner complete warranty cover on Hydrovane compressors from 4kW to 75kW. In addition there is a lifetime guarantee on the blades.

### Key benefits

- Total package warranty for 10 years or 48,000 hours - Complete peace of mind
- Free of charge - No premiums to pay
- Planned maintenance schedules - Maximum production
- Known revenue costs - No unexpected repair bills
- Simple to join with minimum administration - No fuss, no complication.

### Customer requirements

- Purchase a new Hydrovane compressor from an authorised Hydrovane distributor
- Have the installation approved by an authorised Hydrovane distributor
- Enter into a service agreement with an authorised Hydrovane distributor
- Set up regular servicing as detailed in the service schedule
- Use genuine Hydrovane parts and lubricants for service
- Register for the Hydrovane Advance warranty programme.

### Hydrovane commitment

- An appropriate service package will be agreed
- Trained and qualified engineers will be used.

### Re-Advance

An opportunity for Hydrovane customers to join the Hydrovane Advance warranty programme and achieve up to 10 years full warranty cover, subject to the following:

- The compressor will have less than 10,000 running hours
- A chargeable 'Health check' will be carried out.

### Standard Warranty

All Hydrovane compressors are guaranteed for 12 months from date of installation providing the installation is approved by an authorised Hydrovane distributor and the correct service procedures and genuine parts are used.





## Aftermarket Support Packages

Hydrovane service philosophy is one of regular maintenance being the key to long, reliable and trouble free compressor life. Hydrovane have refined and developed the approach to compressor service and is without question the leader in the field.



### Servicing kits

The kit concept has been developed to make servicing quick, easy and reliable. Hydrovane kits have been carefully constructed to contain all of the parts required for an effective preventative maintenance programme. Using the kits as part of the recommended service schedule will prevent costly breakdowns, ensuring a continuous supply of high quality compressed air.

### Lubricants

Hydrovane lubricants have been developed over many years specifically for Hydrovane compressors. The range has been specially formulated to ensure peak operating efficiency, guaranteeing optimum compressor performance.

Under the Fluid Force brand the lubricants offer high quality solutions for a wide range of compressor applications:

- Fluid Force red 2000 for standard compressor installations
- Fluid Force Clear for food and sensitive applications
- Fluid Force HPO (High Performance Oil) for high temperature and arduous conditions

### Training

The company is committed to providing the Hydrovane owner with fully trained engineers to care for their investment. In our fully equipped training school we instruct our distributors service engineers on the correct procedures of service and repair. Engineers are taught the theory of compression, the principles of valve operation combined with practical training on installed and fully operational compressors.

All engineers must pass a written examination and only then are presented with a qualifying certificate of competence.

Annually, engineers are required to attend update courses to ensure they are always fully aware of the latest products and improvements.

#### CompAir UK Ltd








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# The Hydrovane 50hz range

		Model	7 bar	FAD l/s (cfm) 7.5 bar	8 bar	10 bar	Motor Power (kW)	Motor Speed (rpm)	Oil Capacity (l)	Air Outlet RP	Dimensions (mm)			Noise dB(A) open (enc)	Weight (kg)
											Length	Width	Height		
	Tripod Mounted	HV01	-	-	-	2 (4)	1.1	1450	1.0	0.375	700	270	470	62	41
		HV02	-	-	-	4 (8)	2.2	2900	1.0	0.375	700	270	470	69	41
	Receiver Mounted	HV01RM	-	-	-	2 (4)	1.1	1450	1.0	0.375	1153	300	681	62	77
		HV02RM	-	-	-	4 (8)	2.2	2900	1.0	0.375	1153	300	681	69	77
		HV04RM	-	-	-	9 (20)	4.0	1450	1.8	0.5	1420	459	982	73	145
	Vertical	HV04	11 (24)	-	-	9 (20)	4.0	1450	3.0	0.75	635	500	1050	66	181
		HV05	15 (32)	-	-	12 (25)	5.5	1450	3.0	0.75	635	500	1050	66	186
		HV07	21 (44)	-	-	17 (35)	7.5	1450	3.0	0.75	635	500	1050	67	197
	Combi	HV11	-	-	29 (61)	25 (52)	11	1450	5.7	0.75	1578	610	976	76 (74)	327
		HV15	-	-	38 (81)	33 (71)	15	1450	5.7	0.75	1578	610	976	78 (76)	355
		HV18	-	-	49 (104)	42 (90)	18	1450	13.6	1.0	1772	610	1087	76 (74)	450
		HV22	-	-	60 (127)	52 (110)	22	1450	13.6	1.0	1772	610	1087	78 (76)	450
	Tripod Mounted	HV30	-	-	78 (165)	72 (152)	30	1450	13.6	1.25	1875	867	900	80	560
		HV37	-	-	94 (199)	87 (185)	37	1450	14.5	1.5	1972	910	1032	84	620
		HV45	-	-	114 (242)	100 (210)	45	1450	24	1.5	1972	910	1032	84	696
	Enclosed	HV55	-	158 (335)	-	-	55	1450	42	1.5	2330	955	1600	71	1450
		HV75	-	211 (447)	-	-	75	1450	42	1.5	2330	955	1600	73	1560
	Regulated Speed	HV07RS	0 to 20 (0 to 42)				7.5	0 to 2000	3.0	0.75	680	470	1050	67	204
		HV15RS	0 to 39 (0 to 83)				15	0 to 2000	5.7	0.75	1578	620	976	78	370
		HV22RS	0 to 56 (0 to 119)				22	0 to 2000	13.6	1.0	1772	620	1087	78	490
		HV37RS	0 to 95 (0 to 200)				37	0 to 1750	14.5	1.5	2113	950	979	84	831
		HV75RS	0 to 205 (0 to 430)				75	0 to 1950	42	1.5	2330	955	1600	73	1650
Free Air Delivered (FAD) according to ISO 1217      Noise measured in accordance with ISO 3744, tolerance ±3dB(A)															

Free Air Delivered (FAD) according to ISO 1217 Noise measured in accordance with ISO 3744, tolerance  $\pm 3$ dB(A)

# The Hypac range

Compressor Performance		Model	Working Pressure (bar g)		Ambient Temperature min - max (°c)	FAD l/s (cfm)		Motor Speed (rpm)	Oil Capacity (l)	Air Cleanliness (mg/m³)	Dryer Type	Noise dB(A)				
			Max	Min		7 bar g	10 bar g									
	Horizontal Membrane Range	HV01	10	6	0 - 40	-	2 (4)	1450	1	<5	Membrane	62				
		HV02				-	4 (8)	2900	1			69				
		HV04				-	9 (20)	1450	1.8			73				
	Vertical Refrigerant Range	HV04	7 or 10	6	0 - 45	11 (24)	9 (20)	1450	3	<2	Refrigerant	66				
		HV05				15 (32)	12 (25)									
		HV07				21 (44)	17 (35)									
		HV07RS				0-20 (0-42)	-	Regulated				67				
Hypac Build		Model	Package Dimensions (mm)			Outlet Connection (inches)	Package Weights (kg)				FAD l/s (cfm)		Receiver Capacity (l)	Air Cleanliness (mg/m³)	Pressure Dew Point (°c)	
			Length	Width	Height		Horizontal HV01/02/04	4kW	5kW	7kW	7kW RS	7 bar g	10 bar g			
	Horizontal Membrane Range	HV01	1153	300	681	0.375	93	-	-	-	-	-	1.6 (3.36)	75	0.01	30*
		HV02	1153	300	681		93	-	-	-	-	-	3.2 (6.7)	75	0.01	30*
		HV04	1420	459	982	0.5	156	-	-	-	-	-	7.2 (15)	200	0.01	30*
	Vertical Refrigerant Range	ACER	1570	741	1520	0.75	-	306	311	322	329	-	-	250	<2	8
		ACED	900	741	1100		-	223	229	240	247	-	-	-	<1	3
		AERD	1570	741	1520		-	348	354	365	372	-	-	250	<1	3

Hydrovane is part of the CompAir Group.  
CompAir policy is one of continuous improvement and we therefore reserve the right to alter specifications without prior notice.  
All products are sold subject to the Company's conditions of sale.

\*Below ambient



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Hydrovane sales and service is available in countries throughout the world.  
For full details and enquiries please see [www.hydrovane.co.uk](http://www.hydrovane.co.uk)



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