

New fully integrated airend

The new design of the high efficiency airend operates at low rotational speeds, and as a result lowers energy costs. The innovative integrated design, with oil separation, oil filter, thermostatic bypass valve, reduces the number of external hoses and components resulting in increased reliability.

Tried and tested inverter concept

Integrated in the electric cabinet.

High efficiency drive motor

IP55 motor for operational reliability.



**AirPack – The complete packaged solution**

**Simple to use:** All components are perfectly matched and ready to “Plug and Play”.

**Simple to install:**

Ease and low cost installation.

**Minimum footprint**

By mounting the components on the receiver, the required floor space is reduced by 55%.

**Low noise levels**

Reduced installation cost can be achieved by locating the compressor near to personnel or equipment without health or safety issues.

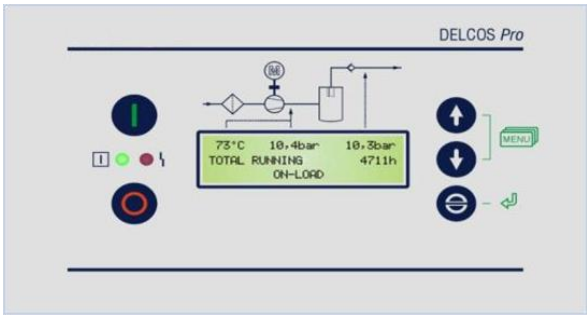
**High quality air**

This is achieved by the use of high efficiency air/oil separation system and optimum aftercooling.



DELCO Pro  
intelligent  
controller

The new control system ensures reliable operation and protects your investment by continuously monitoring the operational parameters. The Delcos Pro also has the capability to have programmable inputs and outputs, control additional equipment as well as providing the following features with a clear readable text.



- Discharge/line pressure display
- Air/Oil temperature display
- Total hours run and loaded hours
- Service due indicator
- Enhanced fault log monitor
- Real time clock
- Timer controlled stop/start
- Remote stop/start
- Auto restart on power failure
- Second pressure setting
- Status indication
- RS485-Modbus RTU



Up to 45 degrees C ambient  
capability

Ensures continuous and stress-free operation through efficient heat dissipation.

Factory-filled lubricant

Reduces servicing costs by extending oil change periods of up to 4,000 hours.

**Regulated speed compressors – Perfect response to your individual air demands with regulated speed technology.**

Regulated speed compressors from Stenhøj can efficiently and reliably handle the varying air demand found in most plant air systems.

These compressors speed up and slow down to match air supply to air demand as it fluctuates. The right variable speed compressor in the right application delivers significant energy savings and a stable air supply at constant pressure.

**Reduce the cost of ownership and minimise your energy consumption**

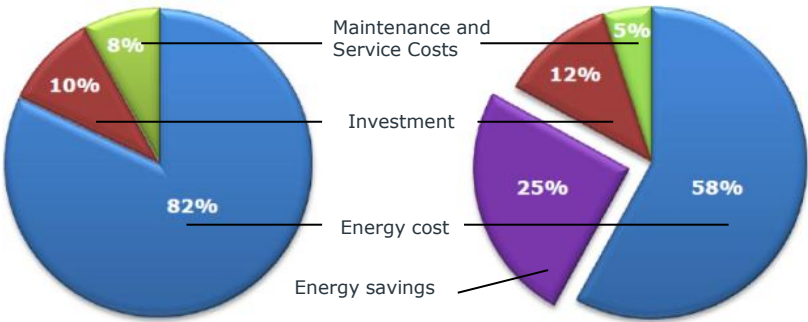
- Excellent efficiency
- High reliability
- Low cost of ownership
- Accurate pressure monitoring

**Remarkable energy savings**

- Annual cost of ownership with regulated speed compressors

A typical oil lubricated rotary screw air compressor operating at 70% load.

Stenhøj regulated speed SR-compressor at 70% load.



**Stenhøj's SR features are your benefits.**

**Tried and tested inverter concept**

- Integrated in the electric cabinet
- Protected from dust by replaceable inlet filters
- Maximum reliability by optimised cooling system
- Ensures high availability and long life time

**Perfect motor – drive – airend design**

- High efficiency across broad flow range
- Substantial energy savings performance



AP07-A to AP11-A Airend



### Fixed speed

Model	Free air delivery *			Drive Motor kW	Dimensions			Weight kg	Noise level ** dB(A)
	7.5 bar m3/min	10 bar m3/min	13 bar m3/min		L mm	W mm	H mm		
AP07-A	1.30	1.06	0.85	7.5	1541	808	1577	356	70
AP11-A	1.82	1.61	1.32	11	1541	808	1577	371	70
AP15-A	2.70	2.26	1.80	15	1883	867	1825	560	70
AP18-A	3.25	2.74	2.34	18.5	1883	867	1825	615	71
AP22-A	3.65	3.21	2.61	22	1883	867	1825	620	71

### Regulated speed

Model	Free air delivery *			Drive Motor kW	Dimensions			Weight kg	Noise level ** dB(A)
	7.5 bar m3/min	10 bar m3/min	13 bar m3/min		L mm	W mm	H mm		
SR07-AP-A	0.48 – 1.26	0.44 – 1.01	0.41 – 0.83	7.5	1541	808	1577	373	63
SR11-AP-A	0.63 – 1.81	0.64 – 1.56	0.57 – 1.26	11	1541	808	1577	383	64
SR15-AP-A	0.92 – 2.60	0.86 – 2.18	0.83 – 1.67	15	1883	867	1825	590	67
SR18-AP-A	1.33 – 3.05	1.28 – 2.62	1.22 – 2.20	18.5	1883	867	1825	635	68
SR22-AP-A	1.04 – 3.54	0.93 – 3.15	0.90 – 2.66	22	1883	867	1825	639	69

### Fixed and regulated speed

Model	Nominal pressure bar	Fridge dryer***	Air receiver	Air outlet
AP07-A	7.5	10	F11C+	270 litres RP 3/4"
AP11-A	7.5	10	F16C+	270 litres RP 3/4"
AP15-A	7.5	10	F26C+	500 litres RP 1"
AP18-A	7.5	10	F36C+	500 litres RP 1"
AP22-A	7.5	10	F36C+	500 litres RP 1"

\*Data measured and stated in accordance with ISO 1217.

\*\* Measured in free field conditions in accordance with ISO 2151.

\*\*\*The fridge dryer requires a separate electric supply. Date refer to DIN ISO 7183, 8573-1:2001 (class 4, pressure dew point 3 degrees C.)

No liability accepted for specifications, which are subject to alteration.



**STENHØJ**  
lifting the level

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