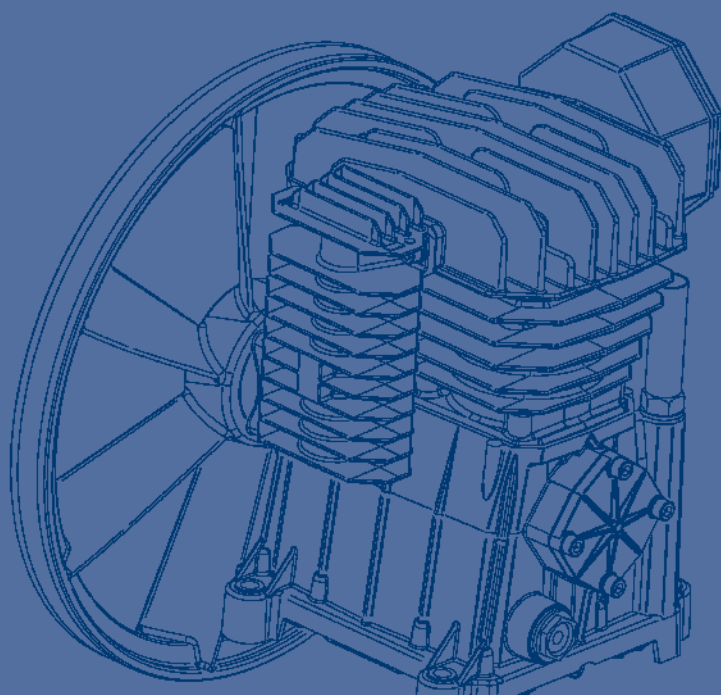


# Dixair-Decibair

## Piston Compressors



2 TO 10 HP – 6 TO 500 LITRES

**AIR**  
Worthington  
Creysseinsac

# Worthington Creyssensac

Driven by technology. Designed by experience.

*Worthington Creyssensac has over 145 years of industrial experience. It is our ambition to offer compressed air solutions that ensure we are first in choice for our customers. To reach this goal we need continuous investment in our product development to make sure that we are always able to offer:*

- High performance and excellent quality
- Integrated engineered solutions
- Full energy efficiency
- Total cost of ownership
- Environmental care

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## The power of our piston range

*Complete & comprehensive portfolio from 2-10 HP for DIY to industrial users*

	DIXAIR RANGE	DIXAIR PRO RANGE	DECIBAR PRO/SNX PRO
Direct driven (2-3 HP)			
Belt driven single stage (2-3 HP)			
Belt driven two stage (4-10 HP)			

### Simple installation

- Models available for occasional, intermittent or frequent use
- Prewired and different vessel sizes
- Quick fit connector

### Solid quality

- Slow running pump design
- Robust belt guard design

### Efficiency

- Low power single phase motor – direct drive
- Slow running pump design for less wear and noise – belt drive
- Low & easy maintenance with original parts

### Air quality (SNX PRO)

- Full feature work station
- Tank-mounted dryer



## The range that meets all your requirements

*Because everyone needs compressed air, Worthington Creyssensac has designed a full range of piston compressor from 2 to 10 HP, for all types of applications. From DIY to industrial users, the DIXAIR, DECIBAR and SNX ranges meet your compressed air needs.*

### DIXAIR

- Reliable easy workmates
- Direct or belt driven
- Oil lubricated models

### DIXAIR PRO

- High end reliable comprehensive power
- Direct or belt driven
- Single or dual stage for all demands

### DECIBAIR PRO

- Silent versions for installation close to workstation

### SNX PRO

- Silenced versions with integrated dryer for high demands

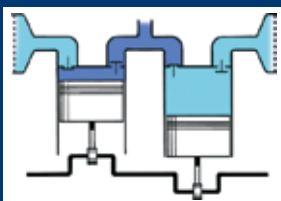
## Piston technology

### The Piston Compressor

A piston compressor consists of one or more cylinders with pistons driven by a motor. The air is sucked into the cylinder and then compressed, in one or more stages to the operational pressure. After compression, the compressed air passes through the after-cooler and continues on to the air tank.

### Application areas

Piston compressors are mostly suitable for small compressed air requirements; one-stage compressors for pressures up to about 8 bar, while several stage versions can produce up to 15 bar. Operation should be intermittent. An air-cooled piston compressor's load level must not exceed 60-70%. After 2 minutes of compression, the compressor must rest for at least 1.5 minutes. We recommend keeping the total compression time per day to a maximum of approximately 4 hours.

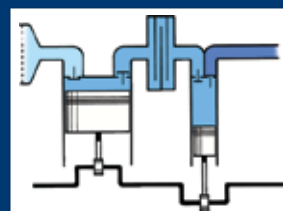


### The one-stage compressor

A one-stage compressor has one or more cylinders, each of which compresses air from atmospheric pressure to operational pressure.

### Multi-stage compressor

A multi-stage compressor has two or more cylinders connected in series in which air is gradually compressed to the final pressure. Between steps, the compressed air is cooled with air, thereby improving efficiency, while achieving a much higher pressure than a one-stage compressor.



## DIXAIR range

*The DIXAIR range is perfectly adapted for individual and small users who very occasionally need compressed air for their own usage. The range offers a 2 HP head available with direct or belt driven technology, mounted on a small tank (wide range of capacities possible) which ensures you obtain a reliable compressor adapted to small compressed air needs.*

### Key benefits

- User-friendly
- Low noise level
- Small power single phase motor
- Lightweight and mobile
- Large choice of small tanks



### Direct drive

Great technology and simple operation suitable for a large range of applications:

#### Features

- User-friendly
- Low noise level
- Small power single phase motor
- Lightweight and mobile
- Large choice of small tanks

#### Applications

- Blowing
- Nailing & stapling
- Air/water spraying
- Inflating
- Hobby painting



### Belt drive

Great belt driven technology developed for simple but reliable operation.

#### Features

- Wheel set included
- Slow speed pump engineered technology

#### Applications

- Screwing
- Impact wrenching
- Washing
- Hammering
- Professional blowing
- Rotorbital sanding
- Painting



## DIXAIR PRO range - direct drive

The direct driven DIXAIR PRO range offers both 8 and 10 bar compressors which are ideal for small workshops. These piston compressors have been designed to correspond exactly to the needs of a small workshop where activities demanding a low compressed air flow are common. This range includes special configurations for those looking for more protection, comfort and compactness.

### Key benefits

- User-friendly
- Low power single phase motors
- Pre-wired, ready to plug in
- Mobile or portable for easy handling (wheel set kit included)
- Large choice of tanks
- Low maintenance
- Pressure regulator for precise pressure control
- Quick fit connector



### Features

- Cable and accessories storage (DNXPRO 26)
- Lightweight for easy transport
- Top tray with non-slip surface (DNXPRO 322)
- Large inflatable tires suitable for outdoor use (DNXPRO 322)
- Pressure regulator and filter on air outlet (DNXPRO 322 and 325)
- Extra high flow air outlet for heavy tools
- Sucker or rubber feet for perfect stability
- Roll bar, vertical handle



### Applications

- Blowing
- Nailing & stapling
- Painting
- Washing
- Light hammering
- Impact wrenching





## DIXAIR PRO range - belt drive (10 bar)

*This range offers user-friendliness and lower operating temperatures, reliable power and performance. The single stage piston pump is designed with large cylinder bore and stroke, so that it can be run at low speed. Low noise levels and high comfort are the most important benefits. Moreover, it reduces working temperatures and wear, while also increasing reliability.*

### Key benefits

- Durability and reliability
- Better cooling
- User-friendly
- Low maintenance
- Low noise level of the pump
- User comfort



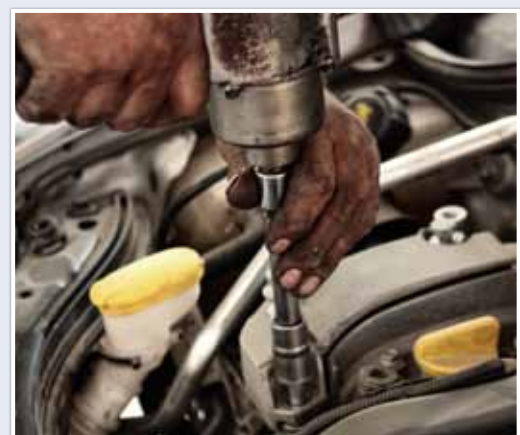
### Features

- Double air outlets with quick connectors
- Robust metal belt guard
- Cast iron cylinder
- Easy oil check and refilling
- Slow speed pump engineered technology
- Mobile up to 200 Liters
- Large ventilation fan
- Mono and three phases motors



### Applications

- Professional washing
- Orbital sanding
- Professional blowing
- Professional screwing
- Professional gravity painting
- Impact and ratchet wrenching



## DIXAIR PRO range - belt drive (11 & 15 bar)

*All the compressors in this offer are two stage, ensuring higher performance, air flows and pressures. The 11 bar compressors are ideal for higher power production purposes while the 15 bar offer is suitable for high pressure applications such as truck tire inflation. This range comes with approved high pressure components such as the vessel to guarantee safe and efficient use.*

### Key benefits

- Cast iron cylinder for durability and reliability
- Low maintenance
- Large capacity tanks
- Robust steel belt guard
- Silencing inlet filter (7.5 and 10 HP)
- Separated start delta cubicle with on/off and main switch



### Features

- Cast iron cylinder for durability and reliability
- 3-phase motors
- Large ventilation fan for better cooling
- Suitable for high pressure applications (such as HGV or tractor tires)
- Robust steel belt guard



Pump



Air filter



Cubicle

### Applications

- Orbital sanding
- Professional blowing
- Professional screwing
- Professional gravity painting
- Professional washing



## DECIBAIR PRO range – low noise

The DECIBAIR PRO range focuses on a reduced sound level. With its engineered design maintenance is simplified and footprint has been reduced. The range is easy to use thanks to the control panel including the following functionalities: pressure gauge, hour meter, on/off button, emergency button and maintenance.

### Key benefits

- A low noise level
- Canopy design has been studied to improve ventilation while minimizing noise levels.
- The motor compressor frame is mounted on anti-vibration pads to ensure a longer lifetime of the unit.
- Due to its low noise level the DECIBAIR PRO can be installed close to the place of compressed air use.
- User-friendly operation
- Easy access



### Features

- Tank included in the canopy (SNX PRO 227 and 327)
- Double air outlet with quick fit connector (SNX PRO 227 and 327)
- Hose to drain oil from compressor
- Simple access to all electrical components
- Large electrical fan for efficient cooling (on 7.5 and 10 HP)
- The front panel is mounted on hinges allowing easy access to the main service components (oil refill, air filter, belt) which simplifies maintenance and control



### Applications

- Orbital sanding
- Professional blowing
- Professional screwing
- Professional gravity painting





## SNX PRO range

*The SNX PRO range offers a complete air supply system ensuring high air quality. As these tank-mounted compressors are fitted with a standard DW fridge dryer as well as an electronic drain, your compressed air network is better protected against rust, corrosion and pollution. The SNX PRO range guarantees the usage of clean and dry compressed air where 95% of the condensate is eliminated.*

### Key benefits

- Dry air immediately upon start
- Protection of the downstream equipment, process and manufactured products
- Simplified and low cost installation due to smaller footprint
- Elimination of leakage risk thanks to clean and dry compressed air
- Energy savings due minimal pressure drop



### Features

- Reduced footprint
- Piping specifically designed for a minimal pressure drop
- On/off button for possible anticipated start of the dryer
- Dew point indicator to control air quality and dryer efficiency



### Applications

- Professional orbital sanding
- Professional blowing
- Professional screwing
- Professional gravity painting



# Technical specifications

## DIXAIR range

Description	Vessel	Pressure	Power			Air displacement		Noise level	Volt	Start	Dimensions		Pump	
	liter	bar	hp	kW	RPM	l/min	CFM	LwA dB(A)			WxLxH mm	Weight kg		
<b>DNX 26</b>	6	8	2	1.5	2850	222	7.8	94	230/1/50	DOL	460x440x450	20	FC 2	Direct drive
<b>DNX 225</b>	24	8	2	1.5	2850	222	7.8	94	230/1/50	DOL	280x585x580	24	FC 2	
<b>DNX 250</b>	50	8	2	1.5	2850	222	7.8	94	230/1/50	DOL	390x780x660	34	FC 2	
<b>DNX 2025</b>	27	10	2	1.5	1075	255	9.0	93	230/1/50	DOL	355x820x655	41	NS12	Belt drive
<b>DNX 2050</b>	50	10	2	1.5	1075	255	9.0	93	230/1/50	DOL	395x840x730	44	NS12	
<b>DNX 2100</b>	90	10	2	1.5	1075	255	9.0	93	230/1/50	DOL	490x970x850	56	NS12	
<b>DNX 3100 MONO</b>	90	10	3	2.2	1350	320	11.2	93	230/1/50	DOL	490x970x850	58	NS12	

## DIXAIR PRO range - direct drive

Description	Vessel	Pressure	Power			Air displacement		Noise level	Volt	Start	Dimensions		Pump
	liter	bar	hp	kW	RPM	l/min	CFM	LwA dB(A)			WxLxH mm	Weight kg	
<b>DNXPRO 26</b>	6	8	2	1.5	2850	240	8.5	96	230/1/50	DOL	460x440x450	19	F 241
<b>DNXPRO 210</b>	10	8	2	1.5	2850	240	8.5	96	230/1/50	DOL	355x380x640	19	F 241
<b>DNXPRO 225</b>	24	8	2	1.5	2850	240	8.5	96	230/1/50	DOL	280x585x580	22	F 241
<b>DNXPRO 250</b>	50	8	2	1.5	2850	240	8.5	96	230/1/50	DOL	390x780x660	32	F 241
<b>DNXPRO 295</b>	90	8	2	1.5	2850	240	8.5	96	230/1/50	DOL	455x970x800	43	F 241
<b>DNXPRO 325</b>	24	10	3	2.2	1450	340	12.0	93	230/1/50	DOL	555x625x785	44	GV34
<b>DNXPRO 322</b>	2x11	10	3	2.2	1450	340	12.0	93	230/1/50	DOL	625x810x615	56	GV34
<b>DNXPRO 3100V</b>	100 V	10	3	2.2	1450	340	12.0	93	400/3/50	DOL	565x775x1145	70	GV34

## DIXAIR PRO range - belt drive (10 bar)

Description	Vessel	Pressure	Power			Air displacement		Noise level	Volt	Start	Dimensions		Pump
	liter	bar	hp	kW	RPM	l/min	CFM	LwA dB(A)			WxLxH mm	Weight kg	
<b>DNXPRO 2100 MONO</b>	90	10	2	1.5	1075	255	9.0	93	230/1/50	DOL	485x970x835	63	NS12S
<b>DNXPRO 2100 TRI</b>	90	10	2	1.5	1075	255	9.0	93	400/3/50	DOL	485x970x835	63	NS12S
<b>DNXPRO 3100 MONO</b>	90	10	3	2.2	1050	393	13.9	93	230/1/50	DOL	485x970x890	66	NS19S
<b>DNXPRO 3100 TRI</b>	90	10	3	2.2	1050	393	13.9	93	400/3/50	DOL	485x970x890	66	NS19S
<b>DNXPRO 3150V</b>	150 V	10	3	2.2	1050	393	13.9	93	400/3/50	DOL	516x630x1669	125	NS19S
<b>DNXPRO 3200 MONO</b>	200	10	3	2.2	1050	393	13.9	93	230/1/50	DOL	560x1400x990	100	NS19S
<b>DNXPRO 3200 TRI</b>	200	10	3	2.2	1050	393	13.9	93	400/3/50	DOL	560x1400x990	100	NS19S

# Technical specifications

## DIXAIR PRO range - belt drive (11-15 bar)

Description	Vessel	Pressure	Power			Air displacement		Noise level	Volt	Start	Dimensions		Pump
	liter	bar	hp	kW	RPM	l/min	CFM	LwA dB(A)			WxLxH mm	Weight kg	
<b>DNXPRO 4200</b>	200	11	4	3	1400	514	18.2	96	400/3/50	DOL	560x1400x1010	112	NS29S
<b>DNXPRO 4300</b>	270	11	4	3	1400	514	18.2	96	400/3/50	DOL	500x1490x995	117	NS29S
<b>DNXPRO 5300/DNXPRO 5300 YD</b>	270	11	5.5	4	1000	653	23.1	95	400/3/50	DOL - Y/D	500x1490x995	124	NS39
<b>DNXPRO 5300V</b>	270 V	11	5.5	4	1000	653	23.1	95	400/3/50	DOL	600x835x1950	150	NS39
<b>DNXPRO 5500/DNXPRO 5500 YD</b>	500	11	5.5	4	1000	653	23.1	95	400/3/50	DOL - Y/D	600x1940x1315	190	NS39
<b>DNXPRO 7500/DNXPRO 7500 YD</b>	500	11	7.5	5.5	750	950	33.5	na	400/3/50	DOL - Y/D	600x1940x1315	215	NS59S
<b>DNXPRO 10500/DNXPRO 10500 YD</b>	500	11	10	7.5	900	1130	39.9	na	400/3/50	DOL - Y/D	600x1940x1315	220	NS59S
<b>DNXPRO6500/DNXPRO6500 YD</b>	500	11	7.5	5.5	1250	827	29.2	na	400/3/50	DOL - Y/D	600x1940x1315	215	NS39
<b>DNXPRO 4300B</b>	300	15	4	3	1000	367	13.0	96	400/3/50	DOL	500x1640x995	170	NS29S
<b>DNXPRO 5300B/DNXPRO 5300B YD</b>	300	15	5.5	4	800	522.4	18.4	95	400/3/50	DOL - Y/D	500x1640x1195	185	NS39
<b>DNXPRO 5300VB</b>	270 V	15	5.5	4	800	522.4	18.4	95	400/3/50	DOL	600x835x1950	180	NS39
<b>DNXPRO 7500B/DNXPRO 7500B YD</b>	500	15	7.5	5.5	600	760	26.8	na	400/3/50	DOL - Y/D	600x1940x1315	245	NS59S
<b>DNXPRO 10500B/DNXPRO 10500B YD</b>	500	15	10	7.5	750	942	33.3	na	400/3/50	DOL - Y/D	600x1940x1315	250	NS59S
<b>DNXPRO 6500B/DNXPRO 6500B YD</b>	500	15	7.5	5.5	1000	626	22.1	na	400/3/50	DOL - Y/D	600x1940x1315	225	NS39

## DECIBAIR - SNX range

Description	Vessel	Pressure	Power			Air displacement		Noise level	Volt	Start	Dimensions		Pump	Dryer T Version
	liter	bar	hp	kW	RPM	l/min	CFM	LwA dB(A)			WxLxH mm	Weight kg		
<b>SNXPRO 227 MONO</b>	27	10	2	1.5	1075	255	9.0	81	230/1/50	DOL	430x760x845	80	NS12S	
<b>SNXPRO 227 TRI</b>	27	10	2	1.5	1075	255	9.0	81	400/3/50	DOL	430x760x845	80	NS12S	
<b>SNXPRO 327 MONO</b>	27	10	3	2.2	1350	320	11.3	82	230/1/50	DOL	430x760x845	81	NS12S	
<b>SNXPRO 327 TRI</b>	27	10	3	2.2	1350	320	11.3	82	400/3/50	DOL	430x760x845	81	NS12S	
<b>SNXPRO 40</b>	-	11	4	3	1450	514	18.2	68	400/3/50	DOL	635x820x795	143	B4900	
<b>SNXPRO 4300</b>	270	11	4	3	1450	514	18.2	68	400/3/50	DOL	635x1470x1360	213	B4900	
<b>SNXPRO 55 / SNXPRO 55 YD</b>	-	11	5.5	4	1370	653	23.1	68	400/3/50	DOL - Y/D	635x820x795	150	B5900B	
<b>SNXPRO 5300/SNXPRO5300 YD</b>	270	11	5.5	4	1370	653	23.1	68	400/3/50	DOL - Y/D	635x1470x1360	224	B5900B	
<b>SNXPRO 5500/SNXPRO 5500 YD</b>	500	11	5.5	4	1370	653	23.1	68	400/3/50	DOL - Y/D	635x1900x1480	267	B5900B	
<b>SNXPRO 5500 T/SNXPRO 5500 T YD</b>	500	11	5.5	4	1370	653	23.1	68	400/3/50	DOL - Y/D	635x1900x1480	297	B5900B	Dryer
<b>SNXPRO 75B/SNXPRO 75B YD</b>	-	12	7.5	5.5	1400	827	29.2	68	400/3/50	DOL - Y/D	760x1230x875	229	B6000	
<b>SNXPRO 7500/SNXPRO 7500 YD</b>	500	11	7.5	5.5	1400	827	29.2	68	400/3/50	DOL - Y/D	760x1900x1520	369	B6000	
<b>SNXPRO 7500 T/SNXPRO 7500 T YD</b>	500	11	7.5	5.5	1400	827	29.2	68	400/3/50	DOL - Y/D	760x1900x1520	399	B6000	Dryer
<b>SNXPRO 100B/SNXPRO 100B YD</b>	-	12	10	7.5	1300	1210	42.7	68	400/3/50	DOL - Y/D	760x1230x875	248	B7000	
<b>SNXPRO 10500/SNXPRO 10500 YD</b>	500	11	10	7.5	1300	1210	42.7	68	400/3/50	DOL - Y/D	760x1900x1520	388	B7000	
<b>SNXPRO 10500 T/SNXPRO 10500 T YD</b>	500	11	10	7.5	1300	1210	42.7	68	400/3/50	DOL - Y/D	760x1900x1520	418	B7000	Dryer

\* Star delta models: + 10 kg.



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