

# Atlas Copco

Refrigerant Air Dryers  
FX<sup>e</sup> 1-16 (15-700 cfm)



## Why dry your compressed air?

- ▶ Protect your pipes.
- ▶ Protect your production.
- ▶ Protect your reputation.

Good air quality saves money.

**The Atlas Copco FX<sup>e</sup> dryer is the smart choice.**

**Versatile performance to meet ISO Class 4, 5 or 6.**

1 Refrigerant compressor

2 Condenser

3 Air-to-air heat exchanger

4 Air-to-refrigerant heat exchange

5 Water separator and automatic drain

6 Hot gas bypass

## Features and Benefits



### Solid Performance & Reliability

- ▶ Steady pressure dew point
- ▶ Simple and proven design, quality components
- ▶ Effective control system



### Cost Savings

- ▶ Increased lifetime of tools and equipment
- ▶ Reduced energy consumption
- ▶ Fewer repairs to tools, machines and pipe work



### Easy Installation

- ▶ Plug and play
- ▶ Single electrical connection



### Low Maintenance

- ▶ Long service intervals
- ▶ Fast access to key components

*Adding filtration to the installation will further increase the quality of the air, resulting in even less chance that tools and machines will be damaged and final product quality compromised.*

**Atlas Copco**

# Technical Specifications

Model number	Inlet capacity		Maximum working pressure	Electrical supply	Dimensions			Weight	Compressed air connections
	l/s	cfm			Length	Width	Height		
	l/s	cfm	bar		mm	mm	mm	Kg	
FX <sup>e</sup> 1	7	15	16	230/1/50 Hz	500	350	484	19	3/4" M
FX <sup>e</sup> 2	13	28	16	230/1/50 Hz	500	350	484	19	3/4" M
FX <sup>e</sup> 3	16	34	16	230/1/50 Hz	500	350	484	20	3/4" M
FX <sup>e</sup> 4	23	49	16	230/1/50 Hz	500	350	484	25	3/4" M
FX <sup>e</sup> 5	30	64	16	230/1/50 Hz	500	350	484	27	3/4" M
FX <sup>e</sup> 6	47	100	13	230/1/50 Hz	500	370	804	51	1" F
FX <sup>e</sup> 7	60	128	13	230/1/50 Hz	500	370	804	51	1" F
FX <sup>e</sup> 8	72	153	13	230/1/50 Hz	560	460	829	61	1" F
FX <sup>e</sup> 9	80	170	13	230/1/50 Hz	560	460	829	68	1" F
FX <sup>e</sup> 10	104	221	13	230/1/50 Hz	560	460	829	73	1 1/2" F
FX <sup>e</sup> 11	130	276	13	230/1/50 Hz	560	580	939	90	1 1/2" F
FX <sup>e</sup> 12	155	329	13	230/1/50 Hz	560	580	939	90	1 1/2" F
FX <sup>e</sup> 13	200	424	13	400/3/50 Hz	978	735	1002	128	2.5" F
FX <sup>e</sup> 14	240	509	13	400/3/50 Hz	978	735	1002	146	2.5" F
FX <sup>e</sup> 15	285	604	13	400/3/50 Hz	978	735	1002	158	2.5" F
FX <sup>e</sup> 16	330	700	13	400/3/50 Hz	978	735	1002	185	2.5" F

Refrigerant types: R134a for Fxe 1-5, R410A for Fxe 6-16.

### Designed Performance

Ambient temperature 45°C  
 Minimum ambient temperature 5°C  
 Maximum inlet temperature 55°C

### Reference conditions

Ambient temperature 25°C  
 Inlet temperature 35°C  
 Working pressure 7 bar(g)

# Filter Selection

Model number	Inlet capacity		Proposed Filters Models
	l/s	cfm	
FX <sup>e</sup> 1	7	15	DDX/PDX11
FX <sup>e</sup> 2	13	28	DDX/PDX11
FX <sup>e</sup> 3	16	34	DDX/PDX21
FX <sup>e</sup> 4	23	49	DDX/PDX21
FX <sup>e</sup> 5	30	64	DDX/PDX40
FX <sup>e</sup> 6	47	100	DDX/PDX55
FX <sup>e</sup> 7	60	128	DDX/PDX55
FX <sup>e</sup> 8	72	153	DDX/PDX75
FX <sup>e</sup> 9	80	170	DDX/PDX75
FX <sup>e</sup> 10	104	221	DDX/PDX145
FX <sup>e</sup> 11	130	276	DDX/PDX145
FX <sup>e</sup> 12	155	329	DDX/PDX190
FX <sup>e</sup> 13	200	424	DDX/PDX220
FX <sup>e</sup> 14	240	509	DDX/PDX325
FX <sup>e</sup> 15	285	604	DDX/PDX480
FX <sup>e</sup> 16	330	700	DDX/PDX480



**ISO 9001**  
 From design to production and delivery Atlas Copco compressors adhere to the ISO 9001 Management Systems requirements.



**ISO 14001**  
 Atlas Copco's Environmental Management System forms an Integral part of each business process.



### Atlas Copco Compressor Sales

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