

# FLT ORCA ECO

Compressor

TECHNICAL DATA

PRICES

OPTIONS / EQUIPMENT



## ► Model Specification

Model	Voltage	Capacity	Stages	Rotation Speed	Motor		Filter System	Dimensions (cm)			Weight netto	Prices € excl.VAT
					kW	HP		L	W	H		
200 or 300 bar	Threephase Petrol engine	l/min	No.	rpm			Type					
ORCA ECO 215 ET	400 V 50/60 Hz	215	3	1.350	4,0	5,5	FT 200	106	51	60	127	6.080,00
ORCA ECO 215 BS	Petrol engine 4-stroke	215	3	1.350	10,4	14,1	FT 200	106	51	67	123	6.090,00





► Technical data	Model Series FLT ORCA EOC				
Speed / delivery capacity: This is calculated from the time it takes to fill a 10L breathing apparatus from 0 to 200 bar. The calculation is based on an ambient air pressure of approx. 1013 mbar.	ORCA ECO 215	1.350 U/Min.	= 215 L/Min.	12,9 m <sup>3</sup> /h	7,25 c.f.m.
	ORCA ECO 215 BS	1.350 U/Min.	= 215 L/Min.	12,9 m <sup>3</sup> /h	7,25 c.f.m.
Suction pressure, operating pressure	Atmospheric (0.5-1.2 bar), 90 to 350 bar				
Set pressure final pressure safety valve (can be ventilated)	Setting value according to order, max. 365 bar				
Number of cylinders	3 levels				
Intermediate pressure safety valves	For every compressor stage				
Direction of rotation	Counter clockwise				
Cooling, cooling air requirement	Air cooling, approx. 1100-2700 m <sup>3</sup> hrs.				
Lubrication	Low pressure oil pump approx. 1.5 bar + additional. Centrifugal pin lubrication				
Compressor block oil quantity, oil type	approx. 2.5L, synthetic with breathing air approval and safety data sheet				
Max. Permissible ambient temperature	+5°C.— +45°C (+43°F...+113°F)				
Compressor dimensions: L x W x H, weight, noise from a distance of 1.5 m	1060 x 510 x 600 mm, approx. 127 kg (petrol version) 1060 x 510 x 670 mm, approx. 123 kg (petrol version)				
Intake air filter	Micronic Superfine				
Pressure ads	Precision manometer glycerine filled "CLASS 1.6"				
Compressor shutdown	automatically				
Pressure relief	manually				
Pressure holding valve, check valves, final pressure safety valve	120 bar, 1 x non-return valves, 1 x final pressure safety valve				

Equipment and possible options	215	215 BS	Prices € plus VAT
Main air outlet	●	●	
Possible filling connections: Standard 1. Filling valve DIN 200 or 300 bar with 1.3 mtr. Central hose connection and a manometer, maximum 2 pieces Another filling valve with 1.3 mtr. Hose connection	● ○	● ○	299,00
Second pressure range (filling 200 and 300 bar simultaneously)	○	○	740,00
<b>FLT-AIR BASIC</b> dryer cartridge and service monitoring	○	○	295,00
FT 200 dryer system = 360 m <sup>3</sup> @ 20 ° C	●	●	
<b>Compressor control</b> auto stop when the final pressure is reached, start / stop button	●	●	
Automatic condensation water separation with silencer and 5 L collecting canister (automatically every 15-20 minutes)	X	X	
Wheel undercarriage	X	X	
Fresh air intake set (petrol version)	X	●	

● Standard | ○ Optionally available | X not possible, Prices plus 19% VAT

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