

100% OIL FREE - WATER INJECTED  
SCREW TYPE AIR COMPRESSOR



## Vortex Oil Free Screw Compressors

WFC series, 22-37-45 kW , 5-9 bar , 3.2-7 m<sup>3</sup>/min

100% oil free water injected compressed air



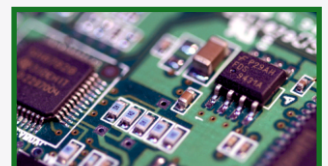
### APPLICATIONS



Food



Chemistry



Electronic



Cosmetic



Medical

### ADVANTAGES

- Water used in the system is recovered from the integrated refrigerated air dryer
- Compressor needs only water for lubrication, therefore there is no oil in the system
- Thanks to optimal heat removal by water, lower working temperatures is achieved. Therefore less energy is needed for cooling.
- Low maintenance cost
- High Efficiency
- Basic Design
- 7/24 service support
- Environment-friendly clean air. There is no smell, dirtiness caused by oil

Environment - friendly

High Efficiency

Low cost



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### Features

- One stage, water injected compression. Bronze casing and ceramic rotors
- Integrated refrigerated type air dryer
- Closed circle water line which is recovered by refrigerated air dryer.
- Frequency control drive (optional)
- Integrated water filter system inside
- User- friendly control panel

	Discharge Pressure	Free Air Delivery	Motor	Dimensions	Cooling Type
	(BAR)	(m3/min)	kW/(HP)	(mm)	
WFC 22	7	3,21	22/30	1750x1050x1468	Air Cooled
	8	2,95			
	9	2,70			
WFC 37	7	5,66	37/50	2020x1120x1468	
	8	5,30			
	9	4,97			
WFC 45	7	7,00	45/60	2020x1120x1468	
	8	6,30			
	9	5,86			



Variable Speed	Discharge Pressure	Free Air Delivery		Motor	Dimensions	Cooling Type
	(BAR)	(m3/min)				
WFC-V 22	7	0,94	3,21	22/30	1750x1050x1468	Air Cooled
	8	0,90	2,95			
	9	0,85	2,70			
WFC-V 37	7	1,59	5,66	37/50	2020x1120x1468	
	8	1,53	5,30			
	9	1,47	4,97			
WFC-V 45	7	2,39	7,00	45/60	2020x1120x1468	
	8	2,26	6,30			
	9	2,15	5,86			



\* All models have integrated, refrigerated type dryer.

\*\* WFC models are fixed speed drive models, WFC-V models are variable speed drive models.

