

# AIR FORCE

K O M P R E S S O R



CATALOGUE

# AF242 - AF502

## General features

- Ergonomic handle
- On-off switch
- Universal air outlet
- Safety valve
- 2 pressure gauges
- Pressure regulator
- Solid shock absorber feet
- Rubber wheels
- 24 L tank



Type	Volt/Hz/Ph	Capacity		Flow				Output		kg	Dimensions
		l	l/min	CFM	m <sup>3</sup> /h	bar	psi	HP	Watt		
AF242	230/50/1	24	170	6	10.2	8	116	2	1.5	23	610x310x580
AF502	230/50/1	50	170	6	10.2	8	116	2	1.5	30	770x430x660

## Oil Lube Air Compressors



# AF5002 - AF1002 - AF1502 - AF2002

## General features

- Ergonomic handle
- On-off switch
- Universal air outlet
- 2 pressure gauges
- Safety valve
- Cast iron 2 cylinder
- Oil lubricated
- Larger oil glass
- Large flywheel
- Rubber wheels



Type	Volt/Hz/Ph	Capacity		Flow				Pressure				Dimensions
		l	l/min	CFM	m <sup>3</sup> /h	cil./st.	bar	psi	HP	kW	kg	
<b>AF5002</b>	230/50/1	50	250	8.8	15	2/1	10	145	2	1,5	50	1010x360x730
<b>AF1002</b>	230/50/1	100	250	8.8	15	2/1	10	145	2	1,5	62	1100x400x830
<b>AF1502</b>	230/50/1	150	250	8.8	15	2/1	10	145	2	1,5	88	1360x540x1060
<b>AF2002</b>	400/50/3	200	250	8.8	15	2/1	10	145	2	1,5	100	1460x640x1140

Other voltage 50/60 Hz available upon request

# AF1003 - AF1503 - AF2003

## General features

- Ergonomic handle
- 2 air outlets with regulated pressure
- Pressure switch with overload protection
- Pressure regulator
- Cooling pipes
- Low noise operation
- Cast iron 2 cylinder
- Oil lubricated
- Larger oil glass
- Swivel wheel
- Rubber wheels



Type	Volt/Hz/Ph							Dimensions				
		ℓ	ℓ/min	CFM	m <sup>3</sup> /h	cil./st.	bar	psi	HP	kW	kg	LxPxH
<b>AF1003</b>	230/50/1	100	350	12.4	21	2/1	10	145	3	2,2	64	1100x400x830
<b>AF1503</b>	230/50/1	150	350	12.4	21	2/1	10	145	3	2,2	90	1360x540x1060
<b>AF2003</b>	400/50/3	200	350	12.4	21	2/1	10	145	3	2,2	102	1460x640x1140

Other voltage 50/60 Hz available upon request

## Belt Driven Air Compressors

# AF3003 - AF3004

# AF30055 - AF30055S

## General features

- Ergonomic handle
- 2 air outlets with regulated pressure
- Pressure switch with overload protection
- Pressure regulator
- Cooling pipes
- Low noise operation
- Cast iron 2 cylinder
- Oil lubricated
- Large flywheel
- Swivel wheel
- Rubber wheels



Type	Volt/Hz/Ph	Capacity		Flow		cil./st.	bar	psi	HP	kW	kg	Dimensions
		l	l/min	CFM	m <sup>3</sup> /h							
<b>AF3003</b>	400/50/3	270	350	12.4	21	2/1	10	145	3	2,2	140	1600x560x1040
<b>AF3004</b>	400/50/3	270	510	18.2	30,6	2/1	10	145	4	3	140	1600x560x1040
<b>AF30055</b>	400/50/3	270	490	17.3	29,4	2/2	10	145	5,5	4	140	1600x560x1040
<b>AF30055S</b>	400/50/3	270	600	21.1	35,9	2/2	10	145	5,5	4	145	1600x560x1040

Other voltage 50/60 Hz available upon request



# AF30065 - AF30075 - AF30075S

## General features

- Ergonomic handle
- 2 air outlets with regulated pressure
- Pressure switch with overload protection
- Pressure regulator
- Cooling pipes
- Low noise operation
- Cast iron 2 cylinder
- Oil lubricated
- Larger oil glass
- Large flywheel
- Swivel wheel
- Rubber wheels



Type	Volt/Hz/Ph	Tank		Flow				Pressure				Dimensions
		l	l/min	CFM	m <sup>3</sup> /h	cil./st.	bar	psi	HP	kW	kg	
AF30065	400/50/3	270	650	23	39	2/2	10	145	5,5	4	150	1600x560x1040
AF30075	400/50/3	270	800	15.9	48	2/2	10	145	7,5	5,5	151	1600x560x1040
AF30075S	400/50/3	270	830	29.3	50	2/2	10	145	7,5	5,5	152	1600x560x1040

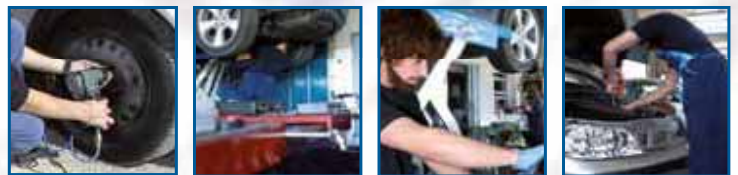
Other voltage 50/60 Hz available upon request  
 14 bar / 203 psi available upon request

## Belt Driven Air Compressors

# AF30055F - AF50055F

## General features

- Pressure switch with overload protection
- Cooling pipes
- Low noise operation
- Cast iron 2 cylinder
- Oil lubricated
- Larger oil glass
- Large flywheel
- 2 stage pump head



Type	Volt/Hz/Ph	Tank Capacity		Flow				Pressure				Dimensions
		l	l/min	CFM	m <sup>3</sup> /h	cil./st.	bar	psi	HP	kW	kg	
AF30055F	400/50/3	270	600	21.1	35,9	2/2	10	145	5,5	4	143	1600x560x1040
AF50055F	400/50/3	500	600	21.1	35,9	2/2	10	145	5,5	4	205	1970x590x1300

Other voltage 50/60 Hz available upon request  
 14 bar / 203 psi available upon request

# AF30055SF - AF30075SF

# AF50075F - AF50075SF - AF50010

## General features

- Pressure switch with overload protection
- Cooling pipes
- Low noise operation
- Cast iron 2 cylinder
- Oil lubricated
- Large flywheel
- 2 stage pump head



Type	Volt/Hz/Ph							Dimensions				
		l	l/min	CFM	m <sup>3</sup> /h	cil./st.	bar	psi	HP	kW	kg	LxPxH
AF30055SF	400/50/3	270	490	17.3	29,4	2/2	10	145	5,5	4	140	1600x560x1040
AF30075SF	400/50/3	270	830	29.3	50	2/2	10	145	7,5	5,5	150	1600x560x1040
AF50075F	400/50/3	500	800	15.9	48	2/2	10	145	7,5	5,5	252	1970x590x1300
AF50075SF	400/50/3	500	830	29.3	50	2/2	10	145	7,5	5,5	255	1970x590x1300
AF50010	400/50/3	500	1070	37.8	64,2	2/2	10	145	10	7,5	260	1970x590x1300

Other voltage 50/60 Hz available upon request  
 14 bar / 203 psi available upon request

## Belt Driven Air Compressors



# AFT50011 - AFT50011S

# AFT50015 - AFT50015S

## General features

- Pressure switch with overload protection
- Cooling pipes
- Low noise operation
- Cast iron 2 cylinder
- Oil lubricated
- Larger oil glass
- Large flywheel
- 2 stage pump head
- Control box



Type	Volt/Hz/Ph							Dimensions				
		ℓ	ℓ/min	CFM	m³/h	cil./st.	bar	psi	HP	kW	kg	LxPxH
<b>AFT50011</b>	400/50/3	500	1200	42,4	72	2/2	10	145	5,5+5,5	4+4	425	2050x590x1170
<b>AFT50011S</b>	400/50/3	500	1300	46	78	2/2	10	145	5,5+5,5	4+4	482	2050x590x1170
<b>AFT50015</b>	400/50/3	500	1600	56.8	96	2/2	10	145	7,5+7,5	5,5+5,5	490	2050x590x1170
<b>AFT50015S</b>	400/50/3	500	1660	58.6	100	2/2	10	145	7,5+7,5	5,5+5,5	517	2050x590x1170

Other voltage 50/60 Hz available upon request  
 14 bar / 203 psi available upon request

# AFT90015 - AFT90020 - AFT90015S

## General features

- Pressure switch with overload protection
- Cooling pipes
- Low noise operation
- Cast iron 2 cylinder
- Oil lubricated
- Larger oil glass
- Large flywheel
- 2 stage pump head
- Control box



Type	Volt/Hz/Ph	Tank Capacity		Flow				Pressure				kg	Dimensions
		ℓ	ℓ/min	CFM	m³/h	cil./st.	bar	psi	HP	kW			
AFT90015	400/50/3	900	1600	58.6	96	2/2	10	145	7,5+7,5	5,5+5,5	550	2150x800x1600	
AFT90020	400/50/3	900	2140	75.6	128,4	2/2	10	145	10+10	7,5+7,5	607	2150x800x1600	
AFT90015S	400/50/3	900	1660	58.6	100	2/2	10	145	7,5+7,5	5,5+5,5	597	2150x800x1600	

Other voltage 50/60 Hz available upon request  
 14 bar / 203 psi available upon request

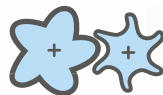
## Belt Driven Air Compressors

## AF903

### General features

- Ergonomic handle
- Plastic shroud protects hot and rotating parts
- Double feet with rubber shock absorber
- Large wheels heightens portability
- Super silent operation
- Dashboard with gauge and switch

**59 dB(A)**



Type	Volt/Hz/Ph	ISO 1217				bar	psi	HP	kW	kg	Dimensions
		l	l/min	CFM	m³/h						
<b>AF903</b>	230/50/1	90	300	10.6	18	9	130	3	2.2	84	1000x400x1114

DOL start up  
Version available: 400V/50Hz/3~



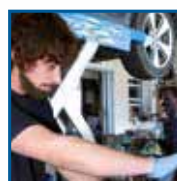
# AFV10 - AFV15 - AFV20

## General features

- Super silent operation
- Easy to use
- Encapsulated Rotary Screw System
- Electronic panel with safety devices
- Ready to use



CE



Type	Volt/Hz/Ph	ISO 1217		Light	OUTPUT		Dimensions				
		l	l/min		CFM	m <sup>3</sup> /h		bar	psi	HP	kW
AFV10	400/50/3	-	860	30.4	51.6	10	145	10	7,5	148	820x540x750
AFV15	400/50/3	-	1430	50.5	85.8	10	145	15	11	254	940x630x850
AFV20	400/50/3	-	1900	67.1	114	10	145	20	15	280	940x630x850

Version available: 230V/50Hz/3 - 220V/60Hz/3 - 380V/60Hz/3

## Rotary Screw Air Compressors

# AFV30010 - AFV30015 - AFV30020

## General features

- Super silent operation
- Easy to use
- Encapsulated Rotary Screw System
- Electronic panel with safety devices
- Ready to use



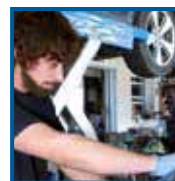
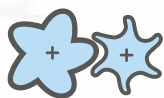
Type	Volt/Hz/Ph		ISO 1217					OUTPUT			Dimensions
			l	l/min	CFM	m <sup>3</sup> /h					
<b>AFV30010</b>	400/50/3	270	860	30.4	51.6	10	145	10	7,5	217	1625x540x1250
<b>AFV30015</b>	400/50/3	270	1430	50.5	85.8	10	145	15	11	325	1625x630x1300
<b>AFV30020</b>	400/50/3	270	1900	67.1	114	10	145	20	15	351	1625x630x1300

Version available: 230V/50Hz/3 - 220V/60Hz/3 - 380V/60Hz/3

# AFV30010D - AFV30015D

## General features

- Compressed air dryer system
- Super silent operation
- Easy to use
- Encapsulated Rotary Screw System
- Electronic panel with safety devices
- Ready to use



Type	Volt/Hz/Ph	ISO 1217		Light	OUTPUT	Weight	Dimensions				
		l	l/min				CFM	m³/h	bar	psi	HP
AFV30010D	400/50/3	270	860	30.4	51.6	10	145	10	7,5	257	1625x540x1250
AFV30015D	400/50/3	270	1430	50.5	85.8	10	145	15	11	365	1625x630x1300

Version available: 230V/50Hz/3 - 220V/60Hz/3 - 380V/60Hz/3

## Rotary Screw Air Compressors



# AFV30 - AFV40 - AFV50

## General features

- Super silent operation
- Easy to use
- Encapsulated Rotary Screw System
- Electronic panel with safety devices
- Ready to use



Type	Volt/Hz/Ph		ISO 1217					OUTPUT			Dimensions	
			l	l/min	CFM	m <sup>3</sup> /h	bar	psi	HP	kW	kg	LxPxH
<b>AFV30</b>	400/50/3	-	2970	104.9	178.2	10	145	30	22	498	950x850x1180	
<b>AFV40</b>	400/50/3	-	3900	137.7	234	10	145	40	30	679	1200x890x1350	
<b>AFV50</b>	400/50/3	-	5000	176.6	300	10	145	50	37	700	1200x890x1350	

Version available: 230V/50Hz/3

## Refrigeration dryers

### TDRY 6/l ÷ 366/l



Type	→			$\Delta p$		LxPxH	
V230/50/1Ph	ℓ/min	CFM	m³/h	mbar	BSP	mm / in	kg / lb
TDRY 6/l *	600	21.2	36	0,09	3/8"	305x360x408	17
TDRY 9/l *	900	31.8	54	0,07	1/2"	325x430x445	24
TDRY 12/l *	1200	42.4	72	0,12	1/2"	325x430x445	24
TDRY 18/l *	1800	63.6	108	0,26	1/2"	325x430x445	24
TDRY 25/l *	2500	88.3	150	0,13	3/4"	395x486x565	31
TDRY 32/l *	3200	113.1	192	0,21	3/4"	395x486x565	36
TDRY 47/l	4700	166.1	282	0,26	1"	485x595x614	59
TDRY 57/l	5700	201.4	342	0,3	1"	485x595x614	60
TDRY 63/l	6300	222.6	378	0,3	1-1/2"	500x680x980	69
TDRY 80/l	8000	282.7	480	0,27	1-1/2"	500x680x980	71
TDRY 110/l	11000	388.7	660	0,33	2"	720x750x1360	114
TDRY 130/l	13000	459.4	780	0,12	2"	720x750x1360	120
TDRY 168/l	16667	588.9	1000	0,19	2"	720x750x1360	170
<b>V400/50Hz/3Ph</b>							
TDRY 216/l	21667	765.6	1300	0,18	3"	1555x785x1365	250
TDRY 283/l	28333	1001.2	1700	0,23	3"	1555x785x1365	262
TDRY 366/l	36667	1295.7	2200	0,24	3"	1555x785x1365	346

\* Other voltages available upon request

### TXDRY 5÷105



Type	→			$\Delta p$		LxPxH	
V230/50Hz/1Ph	ℓ/min	CFM	m³/h	mbar	BSP	mm / in	kg / lb
TXDRY 5	550	19	33	0,01	1/2"	425x415x645	44
TXDRY 8	850	29	51	0,03	1/2"	425x415x645	47
TXDRY 12	1200	41	72	0,04	1/2"	425x415x645	49
TXDRY 18	1800	62	108	0,06	1"	410x465x1130	58
TXDRY 23	2300	79	138	0,08	1"	410x465x1130	61
TXDRY 31	3100	106	186	0,10	1-1/4"	510x515x1320	71
TXDRY 40	4000	138	240	0,14	1-1/4"	510x515x1320	76
TXDRY 55	5500	190	330	0,19	1-1/2"	560x595x1520	87
TXDRY 62	6200	213	372	0,21	1-1/2"	560x595x1520	96
TXDRY 81	8100	280	486	0,28	2"	710x775x1565	159
TXDRY 105	10500	362	630	0,37	2"	710x775x1565	165

## Air Treatment

## Industrial air filters

### FQ 1000 ÷ 40000 (3 µm)



### FP 1000 ÷ 40000 (1 µm - 0,1 mg/m³)



### FD 1000 ÷ 40000 (0,01 mm - 0,01mg/m³)



### FC 1000 ÷ 40000 (0,003 mg/m³)



Type	ℓ/min	CFM	m³/h	BSP
FQ 1000*	1000	35.34	60	3/8"
FQ 1300*	1300	45.94	78	1/2"
FQ 2000*	2000	70.67	120	3/4"
FQ 3300*	3300	116.61	198	1"
FQ 5600*	5600	197.88	335	1"
FQ 8500*	8500	300.35	510	1-1/2"
FQ 13000*	13000	459.36	780	1-1/2"
FQ 16500 □	16500	583.04	990	2"
FQ 25000 □	25000	883.39	1500	2"
FQ 40000 □	40000	1412.58	2760	3"

\* Equipped with manual drain SC5 and differential pressure gauge MDM60  
 □ Equipped with automatic drain SC20 and differential pressure gauge MDM60

Type	ℓ/min	CFM	m³/h	BSP
FP 1000*	1000	35.34	60	3/8"
FP 1300*	1300	45.94	78	1/2"
FP 2000*	2000	70.67	120	3/4"
FP 3300*	3300	116.61	198	1"
FP 5600*	5600	197.88	335	1"
FP 8500*	8500	300.35	510	1-1/2"
FP 13000*	13000	459.36	780	1-1/2"
FP 16500 □	16500	583.04	990	2"
FP 25000 □	25000	883.39	1500	2"
FP 40000 □	40000	1412.58	2760	3"

\* Equipped with manual drain SC5 and differential pressure gauge MDM60  
 □ Equipped with automatic drain SC20 and differential pressure gauge MDM60

Type	ℓ/min	CFM	m³/h	BSP
FD 1000*	1000	35.34	60	3/8"
FD 1300*	1300	45.94	78	1/2"
FD 2000*	2000	70.67	120	3/4"
FD 3300*	3300	116.61	198	1"
FD 5600*	5600	197.88	335	1"
FD 8500*	8500	300.35	510	1-1/2"
FD 13000*	13000	459.36	780	1-1/2"
FD 16500 □	16500	583.04	990	2"
FD 25000 □	25000	883.39	1500	2"
FD 40000 □	40000	1412.58	2760	3"

\* Equipped with manual drain SC5 and differential pressure gauge MDM60  
 □ Equipped with automatic drain SC20 and differential pressure gauge MDM60

Type	ℓ/min	CFM	m³/h	BSP
FC 1000*	1000	35.34	60	3/8"
FC 1300*	1300	45.94	78	1/2"
FC 2000*	2000	70.67	120	3/4"
FC 3300*	3300	116.61	198	1"
FC 5600*	5600	197.88	335	1"
FC 8500*	8500	300.35	510	1-1/2"
FC 13000*	13000	459.36	780	1-1/2"
FC 16500 □	16500	583.04	990	2"
FC 25000 □	25000	883.39	1500	2"
FC 40000 □	40000	1412.58	2760	3"

\* Equipped with manual drain SC5 and differential pressure gauge MDM60  
 □ Equipped with automatic drain SC20 and differential pressure gauge MDM60



## Accessories for filter

### PRESSURE GAUGE



Type	Description
<b>MDM 60</b>	Differential pressure gauge
<b>MDM 60E</b>	Pressure gauge with electric contact



Type	Description
<b>SC 5</b>	Manual condensate drain valve



<b>SC 10</b>	Automatic condensate drain valve
--------------	----------------------------------



<b>SC 20</b>	Large capacity automatic condensate drain valve
--------------	---

### DRAIN VALVES



Type	Description	
230/50-60/1		 BSP



<b>SCE</b>	Electronic condensate drain valve	3/4"
------------	-----------------------------------	------



<b>AIRTEC 11</b>	Easy-set adjustable electronic condensate drain valve	1/8"
------------------	---	------



<b>AIRTEC PLUS</b>	Easy-set adjustable electronic condensate drain valve	1/4"
--------------------	---	------



<b>AIRTEC P</b>	Electronic programmable condensate drain valve with pneumatic piston	1/2"
-----------------	--	------



<b>AIRTEC 33</b>	Electronic capacitive condensate drain valve	3/8"
<b>AIRTEC 100</b>		1/2"



<b>AIRTEC 101</b>	Condensate drain dischargers control with digital level	1/2"
-------------------	---	------

<b>AIRTEC 200</b>		1/2"
-------------------	--	------

## AIR RECEIVERS



Type	Uscita aria Air outlet				Ø D	H	
	ℓ	Ø	bar	psi			
<b>100 CE</b>	100	3/4"	11	160	400	1340	50
<b>270 CE</b>	270	3/4"	11	160	540	1950	90
<b>500 CE</b>	500	3/4"	11	160	660	2160	131
<b>500 CE 15 bar</b>	500	3/4"	15	218	660	2160	152
<b>720 CE</b>	720	3/4"	11	160	800	2070	202
<b>900 CE</b>	900	1"	11	160	800	2115	210
<b>2000 PED</b>	2000	1"	11,5	175	1150	2780	370
<b>3000 PED</b>	3000	1"	11,5	175	1200	2960	550
<b>4000 PED</b>	4000	1"	11,5	175	1430	3065	730
<b>5000 PED</b>	5000	1"	11,5	175	1430	3565	850

## EK CENTRIFUGAL SEPARATORS FOR CONDENSATE



Type	→			↕
	ℓ/min	CFM	m³/h	BSP
<b>EK 2000</b>	2000	71	120	3/8"
<b>EK 2600</b>	2600	92	155	1/2"
<b>EK 3900</b>	3900	138	235	3/4"
<b>EK 6100</b>	6100	216	365	1"
<b>EK 12800</b>	12800	453	770	1-1/2"
<b>EK 16300</b>	16300	753,00	980	1-1/2"
<b>EK 33300</b>	33300	1.189,00	2000	2"

## WATER-OIL SEPARATORS



Type	→			LxPxH			↕
	ℓ/min	CFM	m³/h	mm			kg
<b>WATERSEP 5</b>	3000	106	180	345	320	585	8,5
<b>WATERSEP 10</b>	6500	230	390	440	430	655	19,5
<b>WATERSEP 15</b>	12500	441	750	477	460	725	23,5
<b>WATERSEP 30</b>	25000	883	1500	665	510	840	35
<b>Kit WATERSEP 5</b>	-	-	-	-	-	-	-
<b>Kit WATERSEP 10</b>	-	-	-	-	-	-	-
<b>Kit WATERSEP 15</b>	-	-	-	-	-	-	-
<b>Kit WATERSEP 30</b>	-	-	-	-	-	-	-

## ACTIVE CARBON WATER-OIL CONDENSATE SEPARATORS



Type	→			LxPxH			↕
	ℓ/min	CFM	m³/h	mm			kg
<b>WS 1700</b>	1700	60	102	230	230	545	5
<b>WS 5000</b>	5000	177	300	315	275	695	10
<b>WS 12500</b>	12500	441	750	410	410	1025	25
<b>KIT WS 1700</b>	-	-	-	-	-	-	-
<b>KIT WS 5000</b>	-	-	-	-	-	-	-
<b>KIT WS 12500</b>	-	-	-	-	-	-	-
<b>KIT TEST 5 PPM</b>	-	-	-	-	-	-	-

**AIR  
FORCE**  
K O M P R E S S O R



**fiac**  
AIR COMPRESSORS

Distributed by FIAC Spa - 40037 Bologna - Italy  
Phone (+39) 0516786811 - Fax (+39) 051845261 - [www.fiac.it](http://www.fiac.it)