



HFS

AIR COMPRESSOR®

PISTON

Compressors



ROTARY SCREW

Compressor



DRYER

Line



Compressors PUMP



شرکت هوا فراور سمنان (سهامی خاص)
Reg : 2260



شرکت هوا فراور سمنان، با تأسیس در سال ۱۳۶۷، به عنوان یکی از پیشگامان ارتقاء کیفیت و توسعه فناوری هوای فشرده در صنعت کشور شناخته می‌شود. این مجموعه با اخذ مجوز تولید انبوه از وزارت صنایع و بهره‌مندی از فضایی بالغ بر ۳۰۰۰ مترمربع، شامل سالن‌های تولیدی مجزا و مجهز، و نیز تکیه بر نیروی انسانی متخصص و مجرب، همواره در مسیر ارائه خدمات مؤثر و ارزش آفرین به صنایع مختلف کشور گام برداشته است.

+40YEAR

Over 40 Years of Experience

With more than four decades of specialized expertise, our focus has been on the development and application of compressed air compressor technology. Leveraging technical knowledge and innovation, we deliver efficient and reliable solutions for a wide range of industries.

از ابتدای فعالیت، این شرکت با تمرکز بر اصل مشتری‌مداری، توانسته است ضمن افزایش سطح رضایت مشتریان، کیفیت محصولات و خدمات خود را به طور مستمر بهبود بخشد. تعهد به نوآوری، توسعه پایدار، ایجاد فرصت‌های شغلی و رقابت حرفه‌ای در بازار، از دیگر ارکان راهبردی این مجموعه به شمار می‌رود.

شرکت هوا فراور سمنان با تکیه بر بهره‌گیری از فناوری‌های روز دنیا و استقرار نظام‌های کنترل کیفی پیشرفته، همواره در تلاش است محصولاتی قابل اعتماد و مطابق با استانداردهای بین‌المللی ارائه دهد. همچنین، ارائه خدمات پس از فروش گسترده و گارانتی معتبر، نشان دهنده تعهد این شرکت به پشتیبانی مستمر از مشتریان و اطمینان بخشی در انتخاب محصولات آن می‌باشد.

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Unit Conversion

Flow Rate | دبی هوا

1 CFM = 28.3168 L/min
1 CFM = 1.699 m³/h
1 CFM = 0.0283 m³/min
1 m³/min = 35.3147 CFM
1 m³/min = 1000 L/min
1 m³/h = 16.6667 L/min
1 L/min = 0.0353 CFM

Pressure | فشار

1 bar = 14.5038 psi
1 psi = 0.06895 bar
1 bar = 100,000 Pa
1 bar = 100 kPa
1 Pa = 0.00001 bar
1 atm = 1.01325 bar
1 psi = 6894.76 Pa

Temperature | دما

°F = (°C × 9/5) + 32
°C = (°F - 32) × 5/9

Power | توان

1 HP = 0.7457 kW
1 kW = 1.341 HP
1 HP (metric) = 0.7355 kW

Mass | جرم

1 lb = 0.4536 kg
1 kg = 2.2046 lb

Volume | حجم

1 US gallon = 3.785 L
1 L = 0.2642 US gallon
1 m³ = 1000 L

DC SERIES COMPRESSORS

کمپرسورهای سری DC هوا فراور سمنان



DC 2065



DC 2080



DC 3080



DC 2065

DC 1051 - DC 2095

Model										
DC	L/min	CFM	m³/h	HP	KW	bar	p.s.i	N.Cylinder	Tank	r.p.m
DC 1051	60	2.1	3.6	1	0.75	8	116	1*105	50	950
DC 1065	138	4.8	8.2	1	0.75	8	116	1*65	80	1180
DC 2065-1	250	8.8	15	2	1.5	8	116	2*65	250	1180
DC 2065-3	250	8.8	15	2	1.5	8	116	2*65	250	1180
DC 3065-1	350	12.3	21	3	2.2	8	116	3*65	350	1100
DC 3065-3	350	12.3	21	3	2.2	8	116	3*65	350	1100
DC 2080-1	380	13.4	22.8	4	3	10	145	2*80	350	1000
DC 2080-3	380	13.4	22.8	4	3	10	145	2*80	350	1000
DC 3080	500	17.6	30	5.5	4	10	145	3*80	500	950
DC 3080 S	500	17.6	30	5.5	4	10	145	3*80	500	950
DC 2095	600	22	36	5.5	4	10	145	2*95	500	1000
DC 2095 S	600	22	36	5.5	4	10	145	2*95	500	1000

DC SERIES COMPRESSORS

کمپرسورهای سری DC هوا فراور سمنان



DC 2105



DC 1155

DC 3090 - DC 2155

Model										
DC	L/min	CFM	m ³ /h	HP	KW	bar	p.s.i	N.Cylinder	Tank	r.p.m
DC 3090	800	28.2	48	7.5	5.5	8	116	3*90	500	860
DC 3090	800	28.2	48	7.5	5.5	8	116	3*90	750	860
DC 3095	900	31.7	54	10	7.5	8	116	3*95	500	920
DC 2105	1100	35.3	66	10	7.5	10	145	2*105+2*55	750	800
DC 2105 S	1100	35.3	66	10	7.5	10	145	2*105+2*55	750	800
DC 2105 S	1100	35.3	66	15	11	12	174	2*105+2*55	1000	800
DC 1155TW	1000	35	65	15	11	25	362	1*155+1*55	200	860
DC 1155	1600	56.5	96	15	11	10	145	1*155+1*55	1000	750
DC 1155 S	1600	56.5	96	15	11	10	145	1*155+1*55	1000	750
DC 3105 S	1800	63.5	108	15	11	10	145	3*105	1000	860
DC 3120 S	2500	88.3	150	20	15	10	145	3*120	1000	860
DC 2155 S	3000	106	180	30	22	10	145	2*155	1000	860

DC

SERIES COMPRESSORS

کمپرسورهای سری DC هوا فراور سمنان



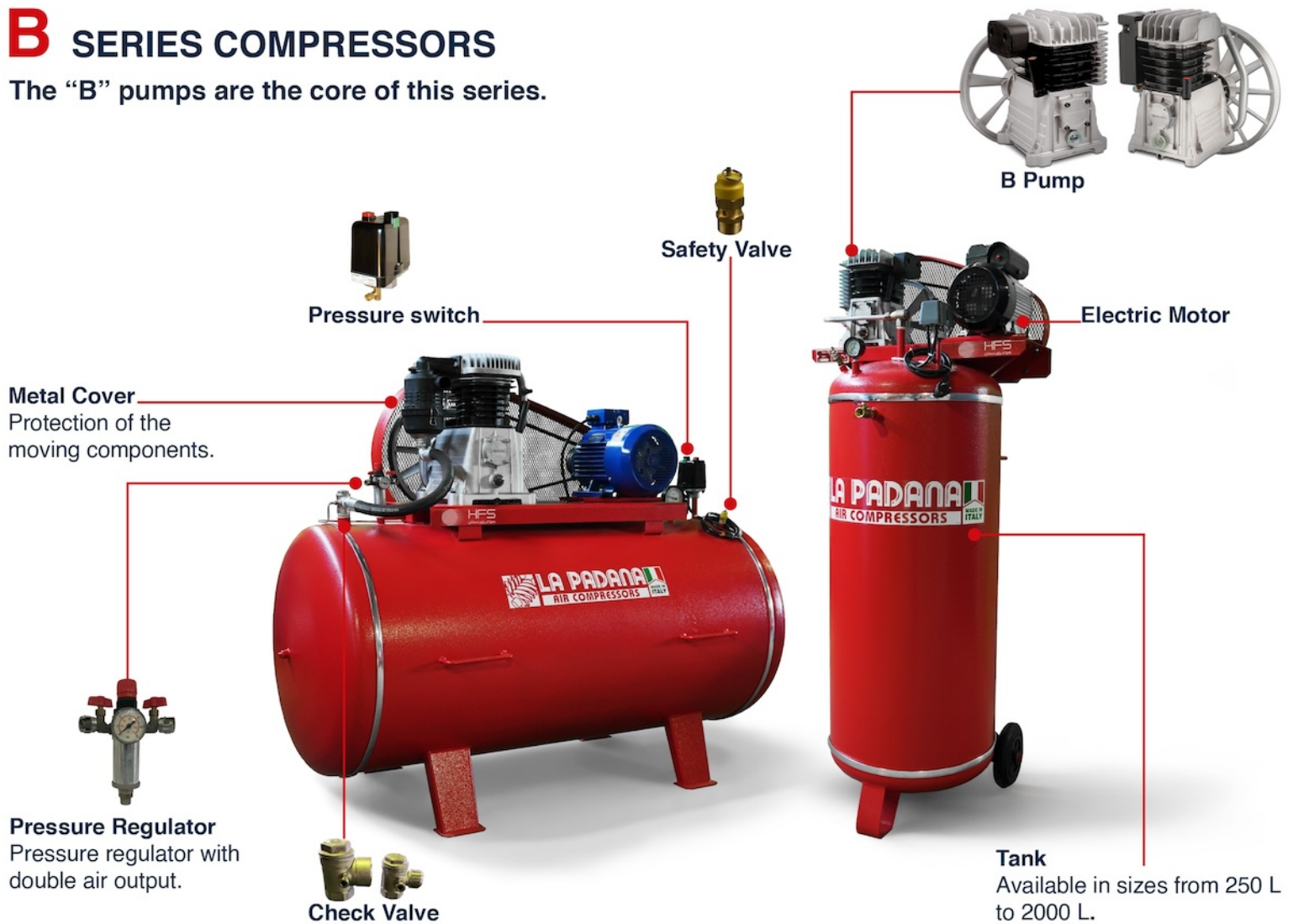
DC 2155

DC 1051 - DC 2095

Model										
DC	L/min	CFM	m ³ /h	HP	KW	bar	p.s.i	N.Cylinder	Tank	r.p.m
DC 1155TW	1000	35	65	15	11	25	362	1*155+1*55	200	860
DC 1155	1600	56.5	96	15	11	10	145	1*155+1*55	1000	750
DC 1155 S	1600	56.5	96	15	11	10	145	1*155+1*55	1000	750
DC 3105 S	1800	63.5	108	15	11	10	145	3*105	1000	860
DC 3120 S	2500	88.3	150	20	15	10	145	3*120	1000	860
DC 2155 S	3000	106	180	30	22	10	145	2*155	1000	860

B SERIES COMPRESSORS

The “B” pumps are the core of this series.



Technical Specifications

Model										
B	L/min	CFM	m ³ /h	HP	KW	bar	p.s.i	N.Cylinder	Tank	r.p.m
B 2800	255	9	15.3	2	1.5	11	159	2 Single Stage	200	1400
B 3800B	350	11.6	19.8	3	2	11	159	2 Single Stage	350	1400
B 5900B	653	23	39.2	5.5	4	11	159	2 Double Stage	500	1400
B 5900S	653	23	39.2	5.5	4	11	159	2 Double Stage	500	1400
B 6000	827	29.2	49.6	7.5	5.5	11	159	2 Double Stage	750	1400
B 6000S	827	29.2	49.6	7.5	5.5	11	159	2 Double Stage	750	1400
B 7000	1210	42.7	72.6	10	7.5	11	159	2 Double Stage	1000	1300
B 7000S	1210	42.7	72.6	10	7.5	11	159	2 Double Stage	1000	1300



B SERIES COMPRESSORS

The "B" pumps are the core of this series.

کمپرسورهای پیستونی سری B ایتالیا هوا فراور سمنان



B 3800B



B 2800B



B 5900



B 2800B

Model										
B	L/min	CFM	m ³ /h	HP	KW	bar	p.s.i	N.Cylinder	Tank	r.p.m
B 2800B	255	9	15.3	2	1.5	11	159	2 Single Stage	200	1400
B 3800B	350	11.6	19.8	3	2	11	159	2 Single Stage	350	1400
B 5900	653	23	39.2	5.5	4	11	159	2 Double Stage	500	1400



B SERIES COMPRESSORS

The "B" pumps are the core of this series.

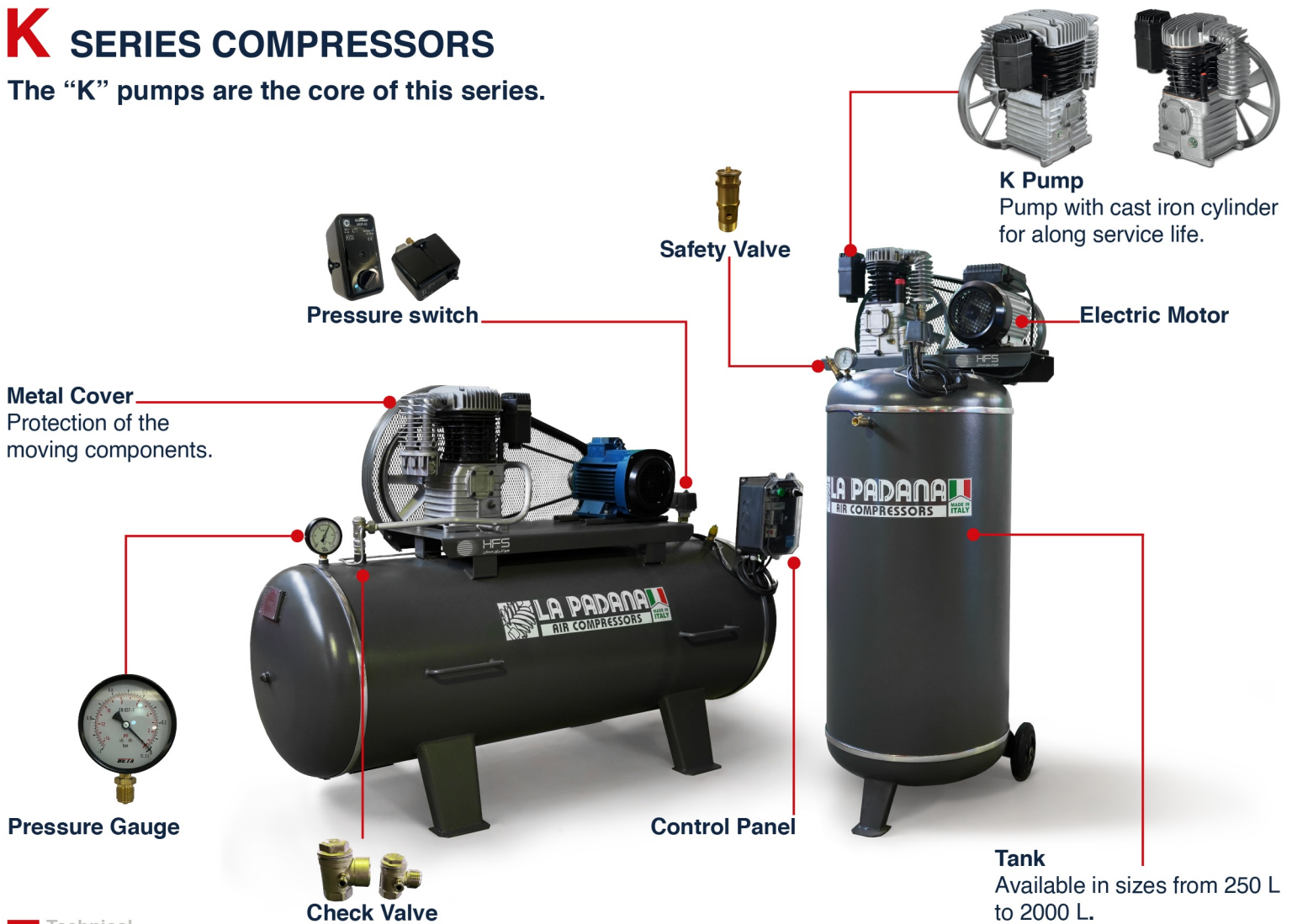
کمپرسورهای پیستونی سری B ایتالیا هوا فراور سمنان



Model										
B	L/min	CFM	m ³ /h	HP	KW	bar	p.s.i	N.Cylinder	Tank	r.p.m
B 5900	653	23	39.2	5.5	4	11	159	2 Double Stage	500	1400
B 6000	827	29.2	49.6	7.5	5.5	11	159	2 Double Stage	750	1400
B 7000	1210	42.7	72.6	10	7.5	11	159	2 Double Stage	1000	1300

K SERIES COMPRESSORS

The “K” pumps are the core of this series.



Technical Specifications

Model										
K	L/min	CFM	m ³ /h	HP	KW	bar	p.s.i	N.Cylinder	Tank	r.p.m
K 11	260	9.2	15.6	2	1.5	10	131	1 Single Stage	250	1000
K 17	320	16.4	27.9	3	2.2	10	131	1 Single Stage	350	1000
K 18 - 1P	539	19	32.4	4	3	10	131	1 Single Stage	350	1100
K 18 - 3P	539	19	32.4	5.5	4	10	131	1 Single Stage	500	1100
K 28	650	23.4	39.7	5.5	4	11	159	2 Double Stage	500	1290
K 30	872	31	52.3	7.5	5.5	11	159	2 Double Stage	750	1150
K 50	1290	43.8	74.4	10	7.5	11	159	4 Double Stage	1000	1150
K 60	1745	62	104.6	15	11	11	159	4 Double Stage	1000	1200
K 100	2148	75.9	128.9	20	15	11	159	4 Double Stage	1000	1000

K SERIES COMPRESSORS

The “K” pumps are the core of this series.

کمپرسورهای پیستونی سری K ایتالیا هوا فراور سمنان



Low Vibrations



Heavy Duty Service



Low Speed



bar 11 Max

HP 20 to 2 From Strong and Reliable High Performances Long Life



HFS K 28



HFS K 18



HFS K 30

K SERIES / CHINOOK / SHAMAL

Model										
K	L/min	CFM	m³/h	HP	KW	bar	p.s.i	N.Cylinder	Tank	r.p.m
K 11	260	9.2	15.6	2	1.5	10	131	1 Single Stage	200	1000
K 17	320	16.4	27.9	3	2.2	10	131	1 Single Stage	250	1000
K 18	539	19	32.4	4	3	10	131	1 Single Stage	350	1100
K 28	650	23.4	39.7	5.5	4	11	159	2 Double Stage	500	1290
K 30	872	31	52.3	7.5	5.5	11	159	2 Double Stage	750	1150
K 50	1290	43.8	74.4	10	7.5	11	159	4 Double Stage	1000	1150
K 60	1745	62	104	15	11	11	159	4 Double Stage	1000	1200
K 100	2148	75.9	129	20	15	11	159	4 Double Stage	1000	1100

CH_{IT} SERIES COMPRESSORS

کمپرسورهای چدنی هوا فراور سمنان



CH IT 1500



CH IT 750

CH IT SERIES COMPRESSORS

Model										
CH	L/min	CFM	m ³ /h	HP	KW	bar	p.s.i	N.Cylinder	Tank	r.p.m
CH 150	150	5	9	1.5	1	8	116	1*80	150	800
CH 250	250	9	15	3	2.2	8	116	2*80	250	800
CH 350	350	12	21	3	2.2	8	116	2*80	350	800
CH 350 3P	350	12	21	3	2.2	8	116	2*82	350	800
CH 750	750	26	45	5.5	4	10	145	2*82	500	800
CH 1500	1500	52	60	10	7.5	10	145	4*82	1000	800
CH 1500 S	1500	52	60	10	7.5	10	145	4*82	1000	800

CH Technical Specifications

D SERIES COMPRESSORS

Gasoline-powered air compressor designed for field use,
Available in various power ratings and tank capacities.



کمپرسورهای بدون برق هوا فراور سمنان
موتورهای بنزینی

Technical Specifications



PETROL PROFESSIONAL LINE

LONCIN MOTOR

HP	KW	Nm	CC	-	-	Lt	Tank	1 [±] RPM r.p.m	dB (A)
13	8.2	25.1	389	Gasoline Petrol	Manual- Electric	1.1	6.5	3600	70



DIESEL PROFESSIONAL LINE

HAILIN MOTOR

HP	KW	Nm	CC	-	-	Lt	Tank	1 [±] RPM r.p.m	dB (A)
Max. 9.6 Cont. 8.6	7.1 6.4	25.1	418	Diesel	Manual- Electric	1.65	5.5	3600	85



PETROL INDUSTRIAL LINE

HONDA MOTOR

HP	KW	Nm	CC	-	-	Lt	Tank	1 [±] RPM r.p.m	dB (A)
Max. 11.7 Cont. 9.4	8.7 7.0	26.5	389	Gasoline Petrol	Self Winding	1.1	6.1	3600	70



DIESEL INDUSTRIAL LINE

YANMAR MOTOR

HP	KW	Nm	CC	-	-	Lt	Tank	1 [±] RPM r.p.m	dB (A)
Max. 9.1 Cont. 8.3	6.8 6.2	25.1	418	Diesel	Recoil Starter	1.1	5.4	3600	85

ROTARY

SCREW

Compressor



MADE IN ITALY



Screw Compressor Components



Electric Fan and Radiator

Compact system, Low noise level, High air exchange rate in the cabin.



Intake Valve and Air Filter

Complete elimination of oil carry-over into the air filter, thanks to the electro-pneumatic throttle valve.

Direct-drive

High-efficiency motor (class IE3) and airend connected via coaxial transmission, creating a compact and reliable system with low maintenance. Guarantees energy saving.



Separator Tank, Oil Filter and Separator Filter

High-quality air, Compact system, Easy maintenance.

Rigid Pipes for Air-Oil Connection

No maintenance require throughout the compressor's lifetime, with enhanced heat dissipation.



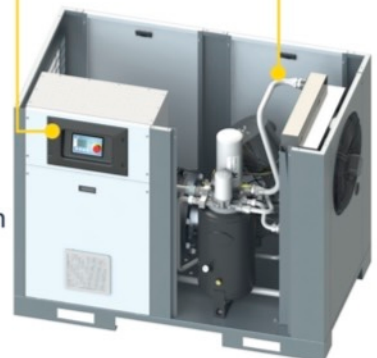
Logik Controller

Electronic controller with a multifunction display.



Anti-Vibration Base

Elimination of vibration on the airend and mechanical stress. Reduction of noise levels.





Low Cost of Ownership



Ease of Maintenance



Compact, Safe and Silent



High Air Quality



Energy efficient



High Reliability



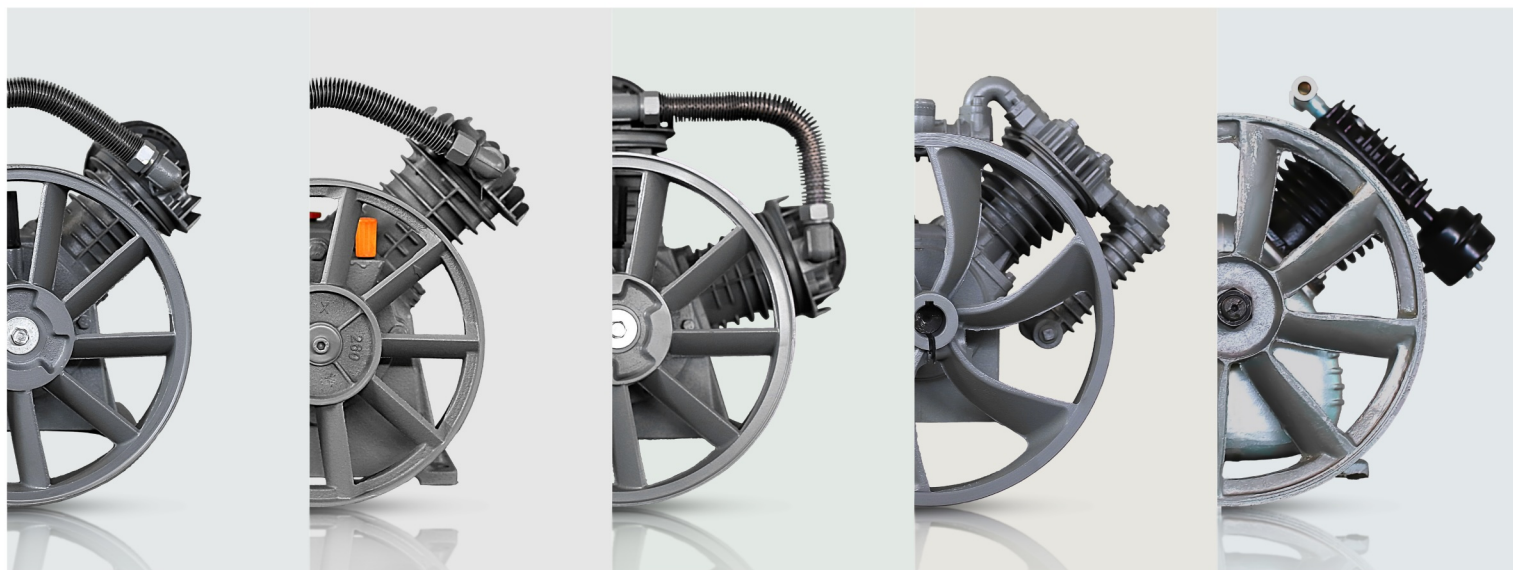
Technical Specifications



HFS 10 - HFS 100



Model								
HFS	L/min	CFM	m³/h	HP	KW	bar	p.s.i	dB (A)
HFS -10 EVO2	1000 1200	35 42	60 72	10	7.5	10 8	145 116	66
HFS -20 EVO3	2000 2500	75 88	120 150	20	15	10 8	145 116	67
HFS -30 EVO6	3000 3600	105 127	180 216	30	22	10 8	145 116	68
HFS -40 EVO6	4000 5000	142 176	240 300	40	30	10 8	145 116	70
HFS -50 EVO9	5000 6400	176 225	300 384	50	37	10 8	145 116	70
HFS -60 EVO9	6000 7600	211 268	360 456	60	45	10 8	145 116	71
HFS -75 EVO15	7500 9500	264 335	450 570	75	55	10 8	145 116	72
HFS -100 EVO15	10000 12000	336 420	600 720	100	75	10 8	145 116	74

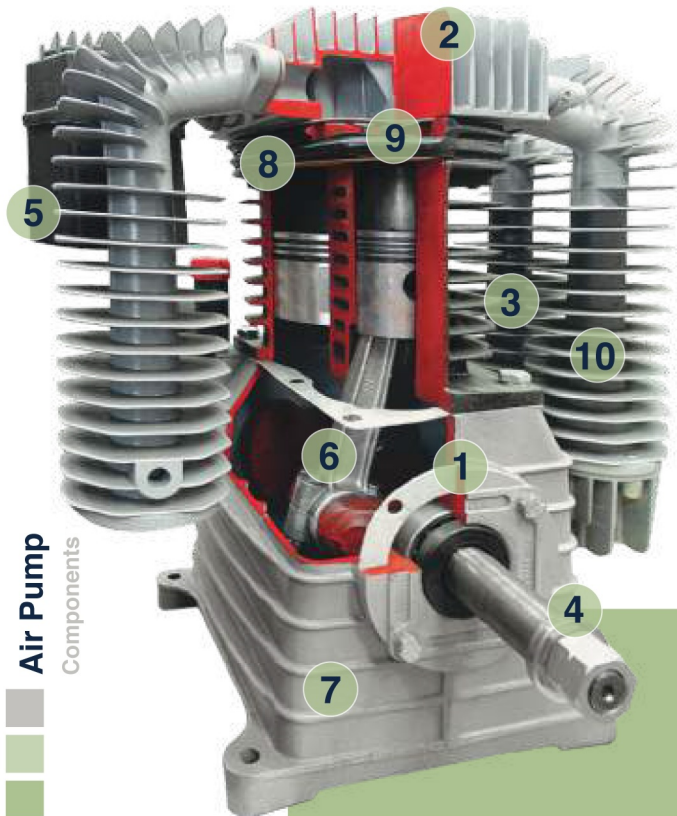


DC SERIES

Model										
DC	L/min	CFM	m³/h	HP	KW	bar	p.s.i	N.Cylinder	Tank	r.p.m
DC 1051	60	2.1	3.6	1	0.75	8	116	1*105	50	950
DC 1065	138	4.8	8.2	1	0.75	8	116	1*65	80	1180
DC 2065-1	250	8.8	15	2	1.5	8	116	2*65	250	1180
DC 2065-3	250	8.8	15	2	1.5	8	116	2*65	250	1180
DC 3065-1	350	12.3	21	3	2.2	8	116	3*65	350	1100
DC 3065-3	350	12.3	21	3	2.2	8	116	3*65	350	1100
DC 2080-1	380	13.4	22.8	4	3	10	145	2*80	350	1000
DC 2080-3	380	13.4	22.8	4	3	10	145	2*80	350	1000
DC 3080	500	17.6	30	5.5	4	10	145	3*80	500	950
DC 3080 S	500	17.6	30	5.5	4	10	145	3*80	500	950
DC 2095	600	22	36	5.5	4	10	145	2*95	500	1000
DC 2095 S	600	22	36	5.5	4	10	145	2*95	500	1000
DC 3090	800	28.2	48	7.5	5.5	8	116	3*90	500	860
DC 3090	800	28.2	48	7.5	5.5	8	116	3*90	750	860
DC 3095	900	31.7	54	10	7.5	8	116	3*95	500	920
DC 2105	1100	35.3	66	10	7.5	10	145	2*105+2*55	750	800
DC 2105 S	1100	35.3	66	10	7.5	10	145	2*105+2*55	750	800
DC 2105 S	1100	35.3	66	15	11	12	174	2*105+2*55	1000	800
DC 1155TW	1000	35	65	15	11	25	362	1*155+1*55	200	860
DC 1155	1600	56.5	96	15	11	10	145	1*155+1*55	1000	750
DC 1155 S	1600	56.5	96	15	11	10	145	1*155+1*55	1000	750
DC 3105 S	1800	63.5	108	15	11	10	145	3*105	1000	860
DC 3120 S	2500	88.3	150	20	15	10	145	3*120	1000	860
DC 2155 S	3000	106	180	30	22	10	145	2*155	1000	860

DC 1051-DC 2155 S
Technical Specifications




Air Pump
Components

K SERIES

MADE IN ITALY



Low Vibrations



Heavy Duty Service



Low Speed



bar 11 Max

HP 20 to 2 From Strong and Reliable High Performances Long Life



Belt-driven single and two-stage pumps, designed to guarantee high performance, efficiency, and reliability over time.

BEARINGS
CRANKSHAFT


High-quality ball bearings ensure reliable operation under all conditions.



Electronically balanced crankshaft with low-friction rods for high efficiency.

PUMP HEAD
CRANKCASE


Aluminium die-cast body with large fins for superior heat dissipation and cooling.



High-capacity oil tank with internal resin coating prevents leaks and vibration.

CYLINDER
VALVE PLATE


Cast iron construction is strong, durable, and ensures low oil consumption.



Cast iron body with oversized air passages for improved cooling and performance.

FLYWHEEL
VALVE GASKET


Flywheel blades are designed for maximum cooling efficiency.



Stainless steel with elastomer inserts ensures sealing and long life.

FILTER
AFTERCOOLER


Labyrinth system reduces noise and extends filter life with large dust elements.



Die-cast aluminium parts with large fins ensure optimal cooling.

Model										
K	L/min	CFM	m ³ /h	HP	KW	bar	p.s.i	N.Cylinder	kg	r.p.m
K 11	260	9.2	15.6	2	1.5	10	131	1 Single Stage	10	1000
K 17	320	16.4	27.9	3	2.2	10	131	1 Single Stage	15	1000
K 18	539	19	32.4	4	3	10	131	1 Single Stage	17	1100
K 28	650	23.4	39.7	5.5	4	11	159	2 Double Stage	26	1290
K 30	872	31	52.3	7.5	5.5	11	159	2 Double Stage	38	1150
K 50	1290	43.8	74.4	10	7.5	11	159	4 Double Stage	71	1150
K 60	1745	62	104.6	15	11	11	159	4 Double Stage	75	1200
K 100	2148	75.9	128.9	20	15	11	159	4 Double Stage	128	1000

Compressors

PUMP



MADE IN ITALY

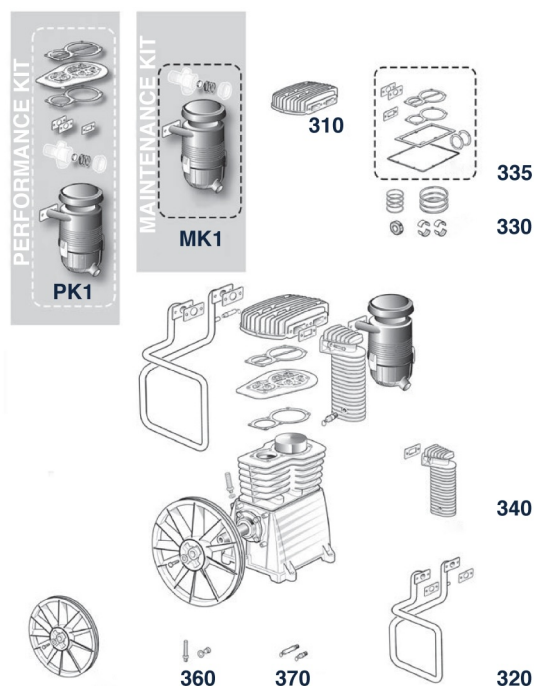

B SERIES


MADE IN ITALY


PUMP KIT

Description

310	Cylinder Head Kit
320	Intercooler Kit
330	Upgrade Kit
335	Gasket Kit
340	Aftercooler Kit
350	Flywheel Kit
360	Oil Level Kit
370	Valve Kit
MK1	Maintenance Kit
PK1	Performance Kit



Model										
B	L/min	CFM	m ³ /h	HP	KW	bar	p.s.i	N.Cylinder	kg	r.p.m
B 2800	255	9	15.3	2	1.5	11	159	2 Single Stage	10	1400
B 3800B	330	11.6	19.8	3	2	11	159	2 Single Stage	15	1400
B 5900B	653	23	39.2	5.5	4	11	159	2 Double Stage	17	1400
B 6000	827	29.2	49.6	7.5	5.5	11	159	2 Double Stage	26	1400
B 7000	1210	42.7	72.6	10	7.5	11	159	2 Double Stage	38	1300

DRYER

Line



MADE IN ITALY



HOT GAS BY-PASS

Allows the refrigerant compressor's capacity to be adapted to the evaporator load, thus avoiding the formation of ice under any operating condition.



REFRIGERANT GAS R513A

Ozone-friendly (ODP = 0) and non-flammable (ASHRAE safety class A1).



ALU-DRY MODULE

The ALU-DRY aluminum drying module has the exclusivity of completely directing the flow of humid air along a descending vertical path, therefore with naturally facilitated condensation drainage.

The circulation of the refrigerant in the system is entrusted to high-efficiency piston and rotary refrigeration compressors which, thanks to their construction characteristics, allow a strong reduction in consumption and offer high reliability.



CONTROL PANEL DMC35

Using the digital display, it displays the dew point temperature (DewPoint), the total operating hours of the dryer, with a cyclic timer it controls the condensate drain solenoid valve, with a probe it detects the temperature (AMD32 ÷ 3) or the condensation pressure (AMD220 ÷ 43) and activates the condenser cooling fan.



CONDENSATE DRAIN

Electronic system to drain the condensate interfaced to the DMC34 controller. Discharge and pause times are adjustable. Drainage group includes also a ball isolation valve and a strainer. A zero loss drain is available as an option.



CORRECTION FACTOR CHANGE OPERATING PRESSURE

BAR	4	5	6	7	8	10	12	14	15	16
FACTOR	0.77	0.86	0.93	1.00	1.05	1.14	1.21	1.27	1.30	1.33



CORRECTION FACTOR CHANGE AMBIENT TEMPERATURE

°C	≤25	30	35	40	45
FACTOR	1.00	0.98	0.95	0.88	0.80



CORRECTION FACTOR CHANGE INLET AIR TEMPERATURE

°C	≤30	35	40	45	50	55
FACTOR	1.15	1.00	0.84	0.71	0.59	0.50



CORRECTION FACTOR CHANGE DEWPOINT TEMPERATURE

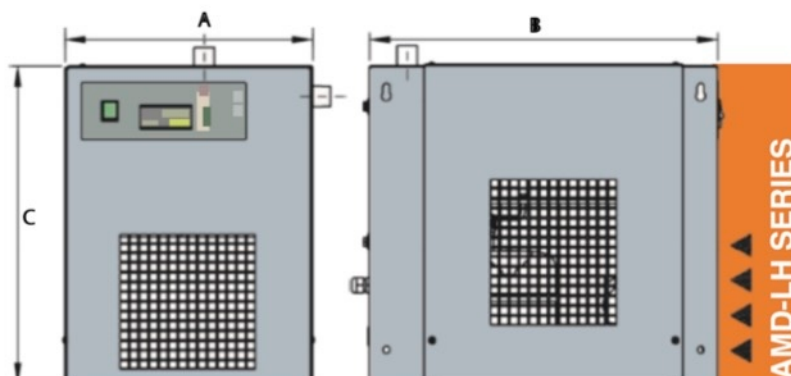
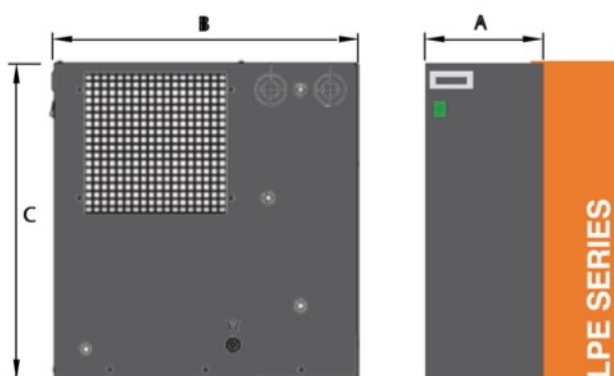
°C	3	5	7	10
FACTOR	0.91	1.00	1.10	1.26

PERFORMANCE

AMD-LH dryers achieve excellent performance even under high ambient and high inlet temperature conditions. The highly efficient and ultra-compact heat exchanger can operate effectively in ambient temperatures up to 45 °C and inlet temperatures up to 55 °C, ensuring a reduced compressed air pressure drop.

ECONOMIC

AMD-LH dryers are sized to match standard compressor outputs. For example, a 15 KW (20 HP) air compressor with a theoretical output of 2,400 L/min at 7 bar matches the AMD-LH 25, rated at 2,500 L/min. Therefore, it is unnecessary to select a larger model: the air compressor-dryer combination is tested and certified by La Padana within the operating limits shown in the technical features.



Code	Model									 mm			
-	-	HP	KW	L/min	CFM	m³/h	Connections	Pressure Drop	Volt/Fr/Ph	A	B	C	kg
94700	LPE 4	5.5	4	585	21	36	G 1.2"	0.04	220/50-60/1	220	560	460	23
94701	LPE 9	7.5	5.5	1000	35	60	G 1.2"	0.09	220/50-60/1	220	560	460	24
94702	LPE 12	10	7.5	1200	42	72	G 1.2"	0.14	220/50-60/1	220	560	460	25
94703	LPE 18	15	11	1800	64	108	G 1"	0.32	220/50-60/1	220	560	460	27
94704	LPE 25	25	18.5	2400	88	150	G 1"	0.24	220/50-60/1	220	560	460	29
94705	LPE 32	30	22	3000	105	180	G 1"	0.16	220/50-60/1	220	560	460	32
94400	AMD-LH 3	4	3	350	12	21	G 3/8 "BSP-F	0.15	220/50-60/1	310	345	435	21
94401	AMD-LH 6	5.5	4	600	21	36	G 1.2 "BSP-F	0.04	220/50-60/1	370	515	475	25
94402	AMD-LH 9	7.5	5.5	950	34	57	G 1.2 "BSP-F	0.09	220/50-60/1	370	515	475	26
94403	AMD-LH 12	10	7.5	1200	42	72	G 1.2 "BSP-F	0.14	220/50-60/1	370	515	475	28
94404	AMD-LH 18	15	11	1800	64	108	G 1.2 "BSP-F	0.32	220/50-60/1	370	515	475	32
94405	AMD-LH 25	20	15	2500	88	150	G 1 "BSP-F	0.24	220/50-60/1	345	420	740	34
94406	AMD-LH 32	25	18.5	3200	113	192	G 1.1/4 "BSP-F	0.16	220/50/1	345	445	740	39
94407	AMD-LH 43	30	22	4300	152	258	G 1.1/4 "BSP-F	0.24	220/50/1	345	445	740	40
94408	AMD-LH 52	30	22	5200	184	312	G 1.1/4 "BSP-F	0.34	220/50/1	345	445	740	41
94409	AMD-LH 61	40	30	6100	216	366	G 1.1/2 "BSP-F	0.19	220/50/1	555	580	885	54
94410	AMD-LH 75	50	37	7500	265	450	G 1.1/2 "BSP-F	0.25	220/50/1	555	580	885	56
94411	AMD-LH 105	75	55	10500	371	630	G 2 "BSP-F	0.14	220/50/1	555	625	975	94
94412	AMD-LH 130	75	55	13000	459	780	G 2 "BSP-F	0.20	220/50/1	555	625	975	96
94413	AMD-LH 168	120	90	16800	594	1008	G 2.1/2 "BSP-F	0.15	220/50/1	665	725	1100	144

FILTER

Line



MADE IN ITALY

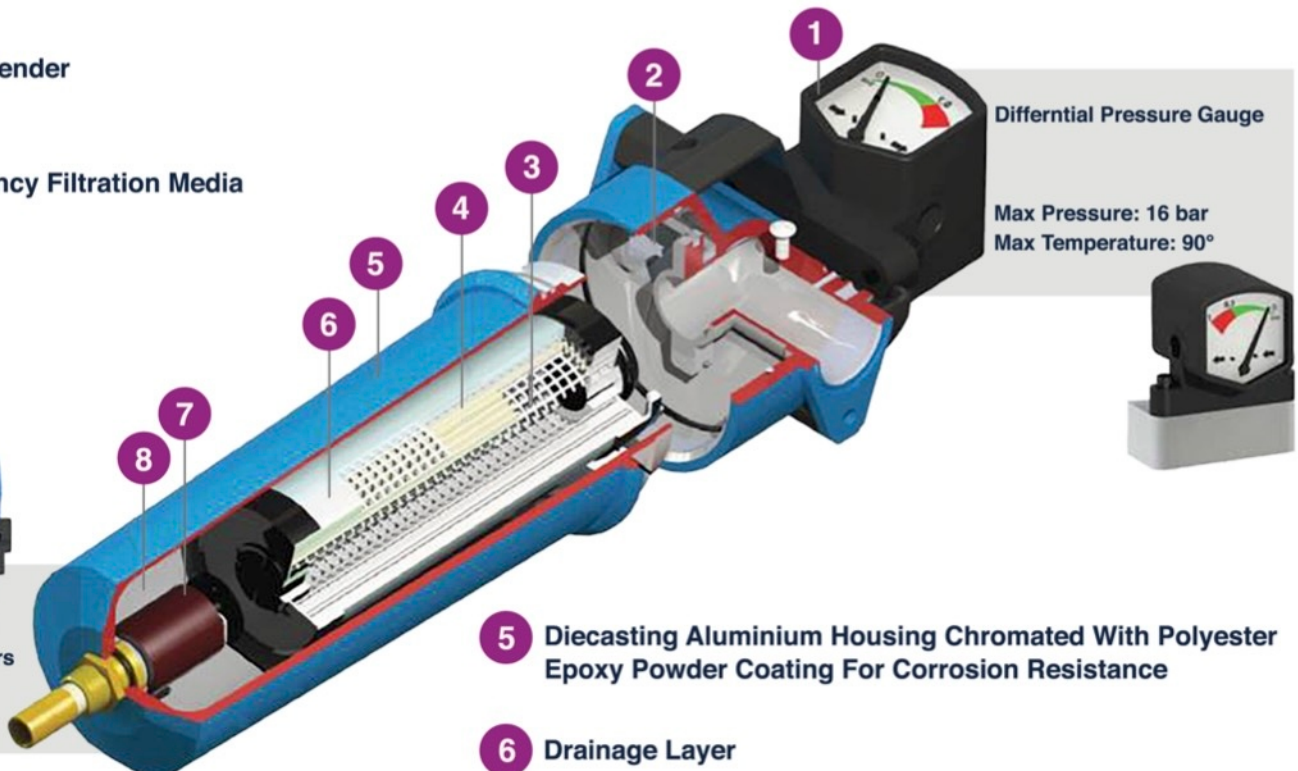


1 Differential Pressure Gauge

2 O-ring Bowl Seal

3 Support Cylinder

4 High Efficiency Filtration Media



Condensate Drainers

5 Diecasting Aluminium Housing Chromated With Polyester Epoxy Powder Coating For Corrosion Resistance

6 Drainage Layer

7 Auto Drain

8 Large Capacity Reservoir Allow Large Condensate Volume

APPLICATIONS

- General industrial applications
- Automotive
- Electronics
- Food and Beverage
- Chemical
- Petrochemical
- Plastics
- Paint

PDI16

MDM60

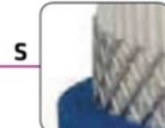
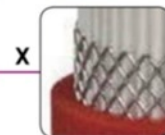

Pressure Drop Indicators

Condensate Drains


A0K16B

925T


Filter Elements


P 3 Micron
Acrylic Fibres, Celulose

S 1 Micron
Acrylic Fibres, Celulose

X 0.01 Micron
Borosilicate Micro Fibres

Z Activated Carbon,
Borosilicate Micro Fibres

Model	Flow-Rate			Connections	Dimensions (mm)				Weight	Filter Code			
	L/min	CFM	m³/h		A	B	C	D		P=3 Micron	S=1 Micron	X=0.01 Micron	Z=Activated Carbon
FT008	850	51	30	G 3/8"	85	187	60	22	0.77	99101	99201	99301	99401
FT012	1.200	72	42	G 1/2"	85	187	60	22	0.77	99102	99202	99302	99402
FT018	1.850	111	65	G 3/4"	85	256	80	22	0.88	99103	99203	99303	99403
FT030	3.300	198	116	G 1"	125	263	100	32	2.2	99104	99204	99304	99404
FT055	5.500	330	194	G 1.1/2"	125	362	120	32	2.6	99105	99205	99305	99405
FT080	8.100	486	286	G 1.1/2"	125	452	140	32	2.9	99106	99206	99306	99406
FT120	12.500	750	441	G 1.1/2"	125	643	160	32	3.7	99107	99207	99307	99407
FT160	16.800	1.008	593	G 2"	160	695	520	45	7.4	99108	99208	99308	99408
FT250	26.000	1.560	918	G 2.1/2"	160	935	770	45	10	99109	99209	99309	99409
FT400	42.000	2.520	1.483	G 3"	250	1.170	780	60	25	99110	99210	99310	99410

FT SERIES

ALUMINIUM COMPRESSED AIR FILTERS

Operating Pressure

16 bar

Volume Flow Rate

60 to 2760 Nm³/h

Connections

3.8" to 3"

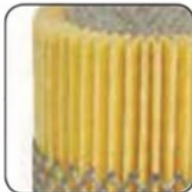
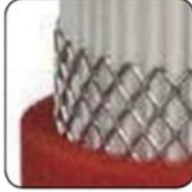
Operating Temperature Range

1.5 to 65°C

APPLICATIONS:

General industrial applications, Automotive, Electronics, Food and Beverage, Chemical, Petrochemical, Plastics, Paint.



Cartridge Type	Air Quality	کیفیت هوا	Identification Color
P Series 3 Micron	Filter capable to separate emulsion and particles down to 3 Micron.	جداکننده ذرات و امولسیون ها تا سایز ۳ میکرون. ایده آل برای پیش فیلتر و جداسازی امولسیون.	
S Series 1 Micron	Filter capable to separate particles down to 1 micron, liquid and oil included. Maximum contents of residual oil 0.1 mg/m ³ .	فیلتر دقیق تر با توانایی حذف ذرات و مایعات تا ۱ میکرون. حداکثر میزان باقیمانده روغن: 0.1 mg/m ³	
X Series 0.01 Micron	Oil removing filter capable to separate residual oil and extremely small particles down to 0.01 micron. Maximum contents of residual oil 0.01 mg/m ³ . It produces air technically free from oil.	فیلتر دی اولیاتور حرفه ای برای حذف روغن و ذرات بسیار ریز تا ۰/۰۱ میکرون. هوایی تقریباً عاری از روغن تولید می کند.	
Z Series Activate Carbon	Activated carbon filter for the elimination of oil vapours and odour. When installed, after a (X) grade filter, It lowers the maximum contents of residual oil 0.003 mg/m ³ .	فیلتر کربن فعال جهت حذف بخارها و بوی روغن. در صورت نصب بعد از فیلتر X، میزان بخارات باقی مانده را به صفر (0.003 mg/m ³) می رساند.	



HFS

AIR COMPRESSOR®



info@hfscsco.ir



[hfs.compressor](https://www.instagram.com/hfs.compressor)



دفتر مرکزی: تهران، خیابان سعدی جنوبی، مجتمع تجاری سعدی، واحد ۴۱۰

hfscsco.ir



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