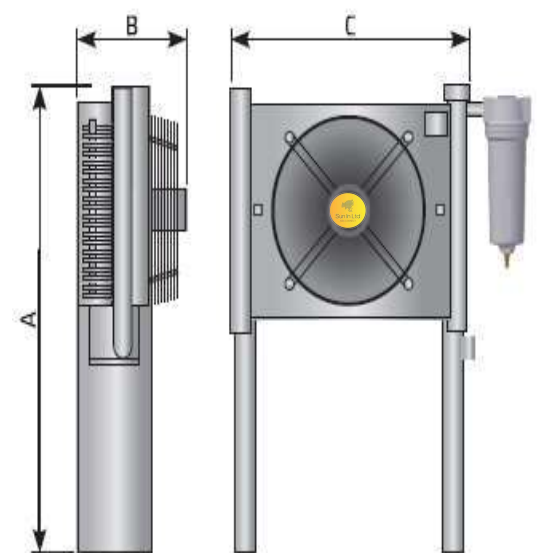


The Solution for Premium and Reliable air compressor System



AIR
COOLED
AFTER COOLERS

Products Catalog Compressed Air Syatem



SAVE THE ENERGY WITH BEST QUALITY PRODUCTS RANGE

ELITAIRPREMIUM® HDF¹ SERIES

Applications

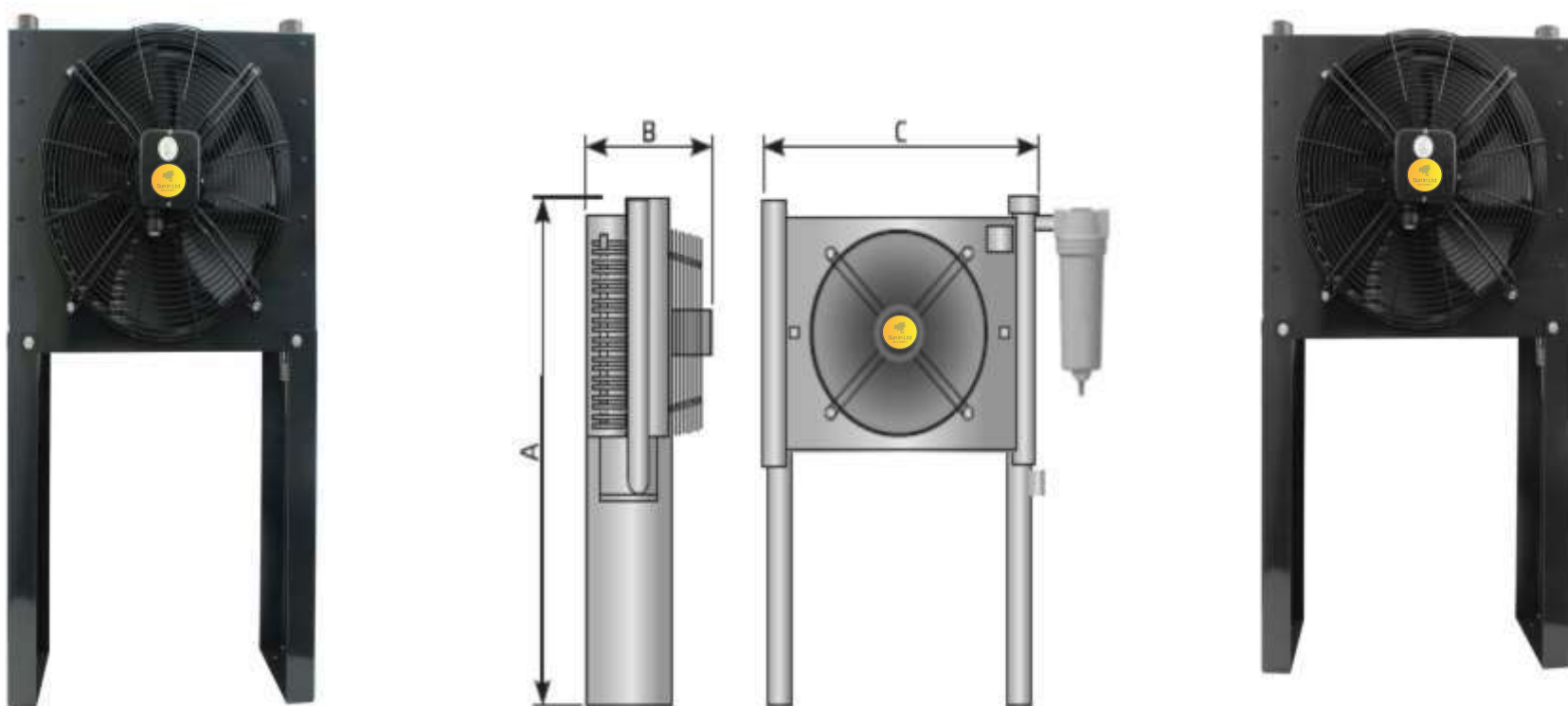
- compressed air systems

AFTERCOOLERS COMPRESSED AIR

ELITEAIR TECHNOLOGY AIR cooled aftercoolers series HDF¹ have been designed to reduce compressed air temperature and water vapour dew point in compressed air system. High efficiency axial fan forces ambient air over the heat exchangers copper tubes supported by aluminum fins, which provides the necessary cooling effect. The compressed air is cooled down to approximately 10°C above ambient temperature. HDF¹ series aftercoolers ensure the maximum performance and protection of all equipment, such refrigeration dryers, adsorption dryers and filters, positioned downstream of this unit.

PROTOTYPICAL

OPERATING PRESSURE	7 bars
inlet air temperature	120 °C
max. inlet air temp.	170 °C
flow rate	66 to 4500 Nm ³ h



The ELITAIRPREMIUM® Plus-Effect***** Invest Less, Achieve More

ELITAIR PREMIUM® helps in many ways to

- ✓ Save significant costs that usually arise with compressor air system.
- ✓ Important to protect the environment in accordance to regulations hot air environment.
- ✓ Reduce energy costs
- ✓ Save space in cause of its compact design
- ✓ Minimize operating costs and efforts
- ✓ Amortize the investment through a long product life
- ✓ Protect our environment

Simple and Brilliant

The physical properties of most air compressor hot air environment allow cost effective treatment. As the air-cooled aftercoolers consists mainly of air compressor system ELITAIRPREMIUM® Air cooled aftercooler the reduce hot air temperature from air compressor system quickly and reliably. After treatment with the ELIT AIR services the hot air environment (about 99%) can be cooled air system.

The special ELIT AIR® air-cooled aftercoolers construction, in combination with the use of high-quality components, facilitates universal use for all types of air compressor system.

SAVE THE ENERGY WITH BEST QUALITY PRODUCTS RANGE

ELITAIR PREMIUM® HDF¹ SERIES

TECHNICAL DATA

TECHNICAL DATA									
MODEL	FLOW RATE		Connect	Power Supply	Fan	Dimensions			Mass
	Nm ³ /h	Scfm				Size	Ph/V/Hz	Mm/W	
HDF ¹ 3	66	39	G 1"	1/230/50	Ø 250-45W	850	300	715	19
HDF ¹ 7	126	74	G 1"	1/230/50	Ø 250-45W	850	300	715	20
HDF ¹ 10	222	131	G 1-1/2"	3/400/50	Ø 350-110W	990	310	845	27
HDF ¹ 18	294	173	G 1-1/2"	3/400/50	Ø 400-130W	990	310	845	29
HDF ¹ 30	390	230	G 2"	3/400/50	Ø 500-750W	1175	440	980	44
HDF ¹ 47	522	307	G 2"	3/400/50	Ø 500-750W	1175	440	980	48
HDF ¹ 70	774	456	G 2"	3/400/50	Ø 600-370W	1325	490	1130	61
HDF ¹ 94	990	583	G 2-1/2"	3/400/50	Ø 600-370W	1325	490	1130	66
HDF ¹ 150	1260	742	DN 100	3/400/50	Ø 800-1470W	1800	660	1590	127
HDF ¹ 175	1560	918	DN 100	3/400/50	Ø 800-1470W	1800	660	1590	143
HDF ¹ 240	1890	1112	DN 100	3/400/50	Ø 800-1470W	1800	790	1590	148
HDF ¹ 300	2520	1483	DN 100	3/400/50	Ø 800-1470W	2000	795	1740	166
HDF ¹ 450	3090	1819	DN 125	3/400/50	2X Ø 800-1470W	2090	830	1850	212
HDF ¹ 600	4500	2649	DN 125	3/400/50	2X Ø 800-1470W	2300	830	2010	315

ELITAIR® CONCEPT is the ideal complementary solution to ELIT air-cooled aftercoolers series HDF¹ @ N ensuring an economically efficient and environment-friendly aftercoolers management air compressor system

SAVE THE ENERGY WITH BEST QUALITY PRODUCTS RANGE

ELITAIRCOMFORT® HCF² SERIES

Applications

- compressed air systems

AFTERCoolERS COMPRESSED AIR

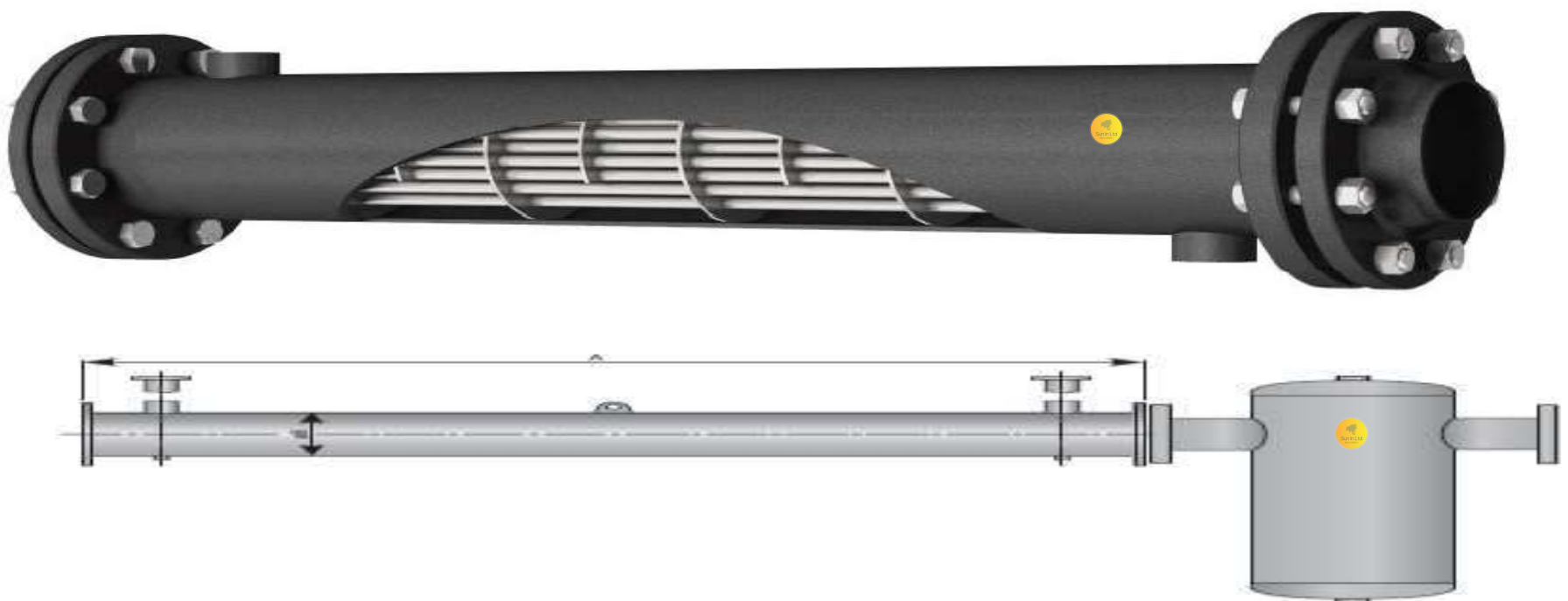
ELIT AIR HCF² – Water-cooled aftercooler series has been designed to reduce compressed air temperature thus water vapour content in compressed air system. Hot compressed air/gas passes through the tubes. Cooling water passes around the tubes in counter flow. ELIT HCF² aftercooler ensures the maximum performance and protection of all equipment, such refrigeration dryers, adsorption dryers and filters, positioned downstream of this unit

PROTOTYPICAL

operating pressure	0 to 16 bars
Operating temp. range	1,5 to 200 °C
Connection	DN50 to DN5000
Flow rate	132 to 45570 Nm ³ /h

Applications

- Automotive
- Electronics
- Food & Beverage
- Chemical
- Petrochemical
- Plastics
- Paint
- General industrial application



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ELITAIR COMFORT® helps in many ways to

- ✓ Save significant costs that usually arise with compressor air system.
- ✓ Important to protect the environment in accordance to regulations hot air environment.
- ✓ Reduce energy costs
- ✓ Save space in cause of its compact design
- ✓ Minimize operating costs and efforts
- ✓ Amortize the investment through a long product life
- ✓ Protect our environment

Simple and Brilliant

The physical properties of most air compressor hot air environment allow cost effective treatment. As the air-cooled aftercoolers consists mainly of air compressor system ELITCOMFORT® Water cooled aftercoolers the reduce hot air temperature from air compressor system quickly and reliably. After treatment with the ELIT AIR services the hot air environment (about 99%) can be cooled air system. The special ELIT AIR® air-cooled aftercoolers construction, in combination with the use of high-quality components, facilitates universal use for all types of air compressor system.

SAVE THE ENERGY WITH BEST QUALITY PRODUCTS RANGE

ELITAIRCOMFORT®HCF² SERIES

TECHNICAL DATA							
MODEL Fix Bundle	FLOW RATE		Connect		OPERATING	Dimensions	
	Nm ³ /h	Scfm	AIR	WATER	PRESSURE BARS	A {mm}	B {mm}
HCF ² 10	132	78	DN 50	DN 20	0-16	806	60.3
HCF ² 18	235	138	DN 50	DN 20	0-16	816	60.3
HCF ² 30	367	216	DN 50	DN 20	0-16	816	60.3
HCF ² 47	661	389	DN 50	DN 20	0-16	870	60.3
HCF ² 70	955	562	DN 50	DN 20	0-16	870	60.3
HCF ² 94	1323	779	DN 80	DN 20	0-16	1500	88.9
HCF ² 150	2205	1298	DN 80	DN 20	0-16	1510	88.9
HCF ² 200	2650	1560	DN 100	DN 40	0-16	1500	114.3
HCF ² 240	3087	1817	DN 125	DN 32	0-16	1300	139.7
HCF ² 300	3969	2336	DN 125	DN 32	0-16	1300	139.7
HCF ² 375	5200	3060	DN 150	DN 65	0-16	1300	168.3
HCF ² 450	7056	4153	DN 200	DN 50	0-16	1300	219
HCF ² 600	8967	5278	DN 200	DN 65	0-16	1300	219
HCF ² 900	11025	6489	DN 250	DN 80	0-10	1300	273
HCF ² 1200	16170	9517	DN 300	DN 80	0-10	1300	323.9
HCF ² 1500	22050	12978	DN 400	DN 100	0-10	1300	406
HCF ² 1800	26460	15574	DN 400	DN 150	0-10	1300	406
HCF ² 2500	33810	19900	DN 450	DN 200	0-10	1300	457
HCF ² 3000	45570	26821	DN 500	DN 200	0-10	1300	508

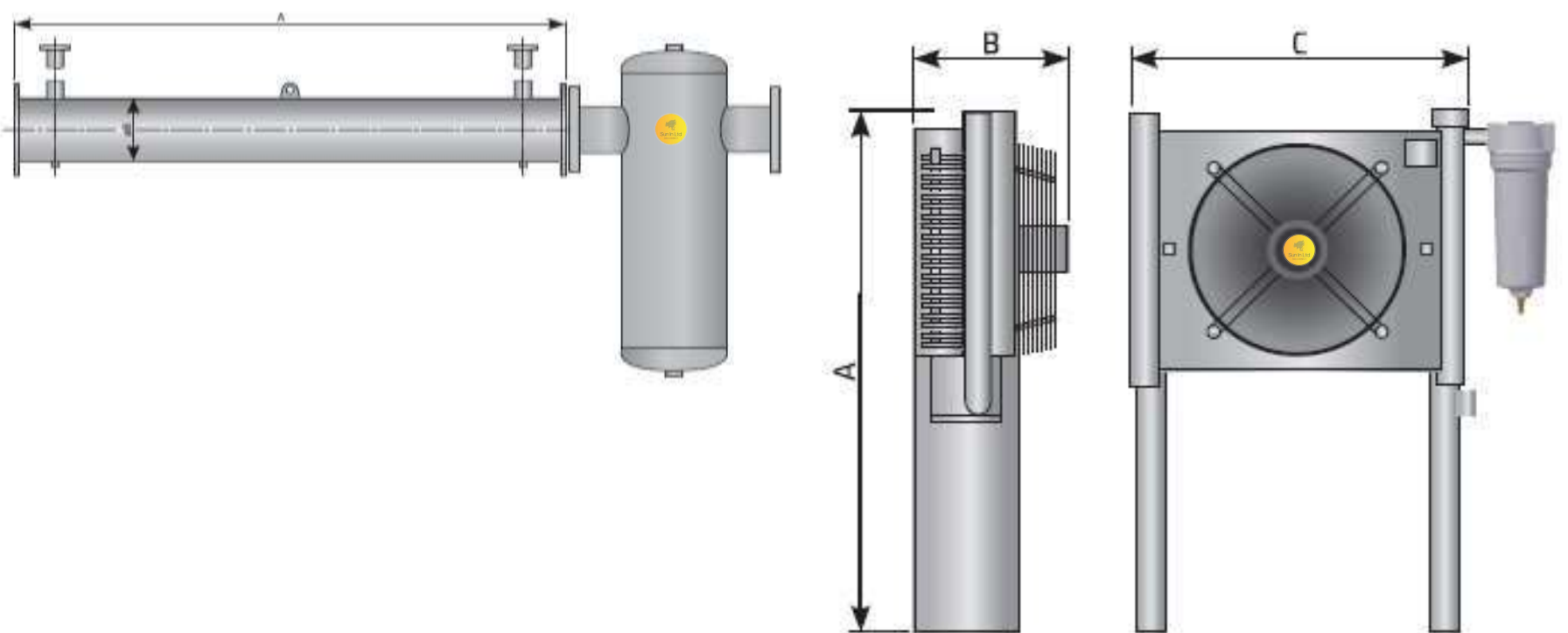
Refers to 1 bar and 20°C @ 7 bar operating pressure & inlet temperature 120°C

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