



Manufacturer
Air & Gas Compressors and Equipment

WHY SD?

High operating temperatures limit
Built to last
Eco-friendly
Standard fully equipped
Friendly Maintenance
Tight dew point

QUALITY

Friulair's (TRYCOMP) dryer quality is based on:
More than 30 years experience in dryer manufacturing
Selected and high quality components
Qualified supplier
Qualified & certified operators
Continuous and regular inspections
ISO 9001 certified quality system.

100% INSPECTION

Quality control on incoming material
Air circuit strength & leak test
Refrigerant circuit strength & helium leak test
(allowed max 1 g/year)
Electronic vacuum measurement
High accuracy automatic refrigerant charging equipment
Electrical test according to EN 60204
Final functional test including:
● Hot gas by pass valve setting
● Pressure switch setting
● Dew point temperature check
● Drainer proper functioning check
Final leak test with refrigerant electronic sniffer
Brazed joint protection
All assembly & test step are recorded on QCP.

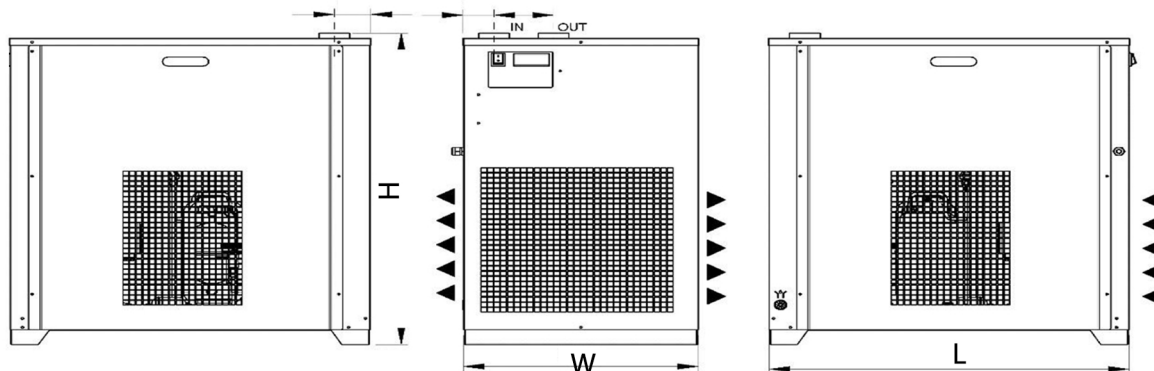


50
Years
Experience

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Made in Italy



MODEL	CAPACITY		CONNECTION	POWER	MAX. PRESSURE	GAS	Weight (kg)	Dimensions
	Lit/min	M3/h		Ph / V / Hz	BAR			H*W*L
SD 4	400	24	G ½"	1/230/50	16	R 134 a	17	439*331*423
SD 9	900	54	G ½"	1/230/50	16	R 134 a	19	439*331*423
SD 12	1200	72	G 1"	1/230/50	16	R 134 a	37	497*351*450
SD 18	1800	108	G 1"	1/230/50	16	R 134 a	37	497*351*450
SD 23	2300	138	G 1"	1/230/50	16	R 134 a	40	497*351*450
SD 30	3000	180	G 1"	1/230/50	16	R 134 a	52	554*451*594
SD 40	4200	252	G 1 1/2"	1/230/50	16	R 407 c	60	559*451*594
SD 60	6000	360	G 1 1/2"	1/230/50	16	R 407 c	85	871*512*784
SD 80	8100	486	G 1 1/2"	1/230/50	16	R 407 c	95	872*512*784
SD 100	10500	630	G 1 1/2"	1/230/50	16	R 407 c	97	872*512*784
SD 130	13000	780	G 2"	1/230/50	16	R 407 c	118	876*512*784
SD 180	18000	1080	G 2"	1/230/50	16	R 407 c	164	1077*688*908
SD 210	21000	1260	G 2 1/2"	1/230/50	16	R 407 c	189	1077*688*908
SD 240	24000	1440	G 2 1/2"	3/400/50	16	R 407 c	198	1077*688*908
SD 320	32000	1920	FLANGE DN 80	3/400/50	16	R 407 c	279	1168*740*1176
SD 440	44000	2640	FLANGE DN 80	3/400/50	16	R 407 c	295	1168*740*1176
SD 640	64000	3840	FLANGE DN 100	3/400/50	16	R 407 c	439	1728*876*1588
SD 880	88000	5280	FLANGE DN 100	3/400/50	16	R 407 c	487	1728*876*1588

Correction factor for operating pressure changes:									
Inlet air pressure [barg]	4	5	6	7	8	10	12	14	16
Correction factor	0.77	0.86	0.93	1.00	1.05	1.14	1.21	1.27	1.33

Correction factor for ambient temperature changes:					
Ambient temperature [°C]	≤ 25	30	35	40	45
Correction factor	1.00	0.95	0.88	0.79	0.68

Correction factor for inlet air temperature changes:						
Air temperature [°C]	≤ 30	35	40	45	50	55
Correction factor	1.11	1.00	0.81	0.67	0.55	0.45

Correction factor for outlet air dew point changes:				
Dew Point [°C]	3	5	7	10
Correction factor	1.00	1.09	1.19	1.37

Subject to technical modification without notice. Errors not excluded. Software Version: 1.5_01-2021