

Your Benefits with FT-GD Refrigerated Dryers

Standard design of FT-GD compressed air refrigerant dryers		FT-GD 1300-6600	FT-GD 9000-11400
Medium	: Compressed air	standard	standard
Housing	: Galvanized steel	standard	standard
Housing	: RAL 7035 (white) powder coated	standard	standard
Inlet and outlet	: On the right side of the housing	standard	standard
Refrigerant	: R407 C	standard	standard
Condenser	: Air cooled	standard	standard
Condenser	: Water cooled	option	option
Refrigeration circuit - axial fan	: On top with protective grid	standard	standard
Refrigeration circuit	: One refrigerant compressor	standard	--
Refrigeration circuit	: Two refrigerant compressors, 50 – 100 % control	--	standard
Heat exchanger	: Aluminium high performance modules	standard	standard
Refrigeration circuit	: High pressure pressostat	standard	standard
Refrigeration circuit	: Fan pressostat	standard	standard
Refrigeration circuit	: Low pressure pressostat	standard	--
Refrigeration circuit	: Low pressure/ pressure transmitter	--	standard
Refrigeration circuit	: Refrigerant manometer	standard	standard
Refrigeration circuit	: Thermostat at compressor outlet	standard	standard
Air circulation	: Compressed air pressure gauge at compr.air inlet	standard	standard
Installation	: Indoors	standard	standard
IP rating	: IP 54	standard	standard
Dew point indication	: Electronic controlled	standard	standard
	: Dew point temperature digital	standard	standard
	: Compressed air inlet temperature digital	standard	standard
Condensate drain	: Time controlled	standard	standard
	: Level controlled	option	option
Power supply	: 400V /3 phases/ 50 Hz	standard	standard
	: Other operating voltages on request	option	option

Standard equipment and options show country specific differences.

Design data*	Min.	Design	Max.
Inlet pressure	2 bar(g)	7 bar(g)	12 bar(g)
Inlet temperature	+4 C	+35 C	+65 C
Ambient temperature	+7 C	+25 C	+43 C

* Use the multipliers when the conditions are different from the design conditions. Refer to the table on the other side of this page.



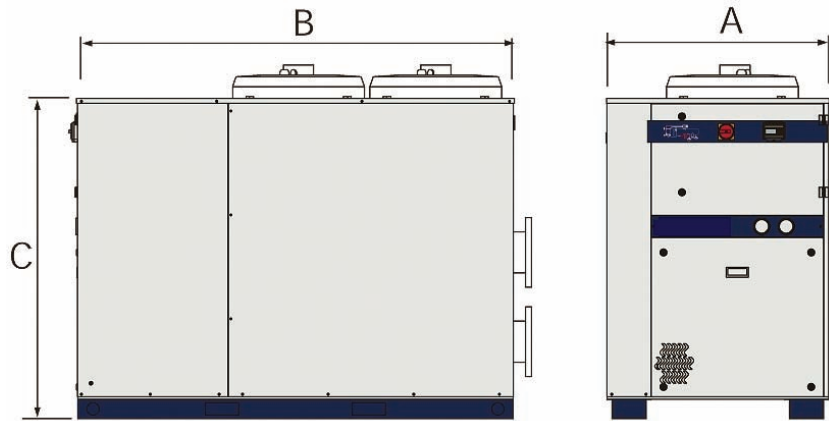
Model	Capacity (1) m³/h	Dimensions (mm)			Weight (2) kg	Connection	Power consumption (3) kW
		(A)	(B)	(C)			
FT-GD 1300	1300	660	1230	1400	244	DN 80	2.14
FT-GD 1700	1700	660	1230	1400	254	DN 80	3.35
FT-GD 2250	2250	660	1230	1400	276	DN 80	3.77
FT-GD 2700	2700	660	1230	1400	318	DN 100	5.05
FT-GD 3600	3600	660	1230	1400	332	DN 100	7.09
FT-GD 4600	4600	910	1790	1447	526	DN 150	8.12
FT-GD 5400	5400	910	1790	1447	551	DN 150	9.69
FT-GD 6600	6600	910	1790	1447	624	DN 150	11.88
FT-GD 9000	9000	930	2860	2064	1077	DN 200	15.32
FT-GD 11400	11400	930	2860	2064	1102	DN 200	19.72

(1) The rated capacity corresponds to ISO 7183 at intake air conditions 20 °C, 1 bar(a) and the following operating conditions: Inlet pressure 7 bar(g), Inlet temperature 35 °C, ambient temperature 25 °C and dew point 3 °C.

(2) Net weight

(3) The electric power consumption refers to standard operating conditions.

- Maximum inlet pressure 12 bar
- Maximum inlet temperature 65 °C
- Maximum ambient temperature 43 °C
- Power supply: 400V ±10% / 3Ph / 50Hz



Use the following multipliers for deviating conditions to choose the correct dryer:

Multipliers CAPACITY (reference values): CAPACITY = NOMINAL VALUE (7 bar) x K1 x K2 x K3 x K4.

Inlet pressure	bar g	3	4	5	6	7	8	9	10	11	12
	K1	0.69	0.80	0.88	0.95	1.00	1.05	1.09	1.14	1.17	1.20
Inlet temperature	°C	30	35	40	45	50	55	60	65		
	K2	1.26	1.00	0.82	0.67	0.55	0.47	0.45	0.43		
Ambient temperature	°C	20	25	30	35	40	43				
	K3	1.08	1.00	0.93	0.87	0.80	0.75				
Dew point	°C	3	4	5	6	7	8	9	10		
	K4	1.00	1.07	1.12	1.18	1.24	1.32	1.38	1.47		

- Technical details to change without notice -