

Stenhøj BD Fridge dryer

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Stenhøj BD fridge dryer for the treatment of compressed air

For the treatment of compressed air we recommend using STENHØJ's compact fridge dryer with built in water separator and a very high efficiency.

The fridge dryer is applied to remove the condensate in order to secure a low dew point in the compressed air.

STENHØJ's fridge dryer is equipped with a heat exchanger made of aluminium and with 3 functionalities: Air to air heat exchanger, air to cooling agent exchanger and separator for the condensate. The fridge dryer does not shut down until a dew point temperature of above +20 degrees C.



Control unit for easy operation



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Technical data

MODEL	Volume Flow At 7 bar m3/min	Power supply	Power consumption	Air connection	Weight	Length	Width	Height
Type		V/Ph/Hz	100% full load	BSP	Kg	mm	mm	mm
BD 0020	0.33	230/1/50-60	0.16	3/8"	24	360	645	410
BD 0035	0.58	230/1/50-60	0.18	1/2"	26	360	645	410
BD 0050	0.83	230/1/50-60	0.19	1/2"	27	360	645	410
BD 0065	1.08	230/1/50-60	0.22	1/2"	29	360	645	410
BD 0085	1.42	230/1/50-60	0.29	1/2"	31	360	645	410
BD 0105	1.75	230/1/50-60	0.31	1/2"	31	360	645	410
BD 0125	2.08	230/1/50 -60	0.39	1"	33	360	645	410
BD 0150	2.50	230/1/50 -60	0.40	1 "	33	470	870	660
BD 0180	3.00	230/1/50	0.53	1 1/4"	55	470	870	660
BD 0225	3.75	230/1/50	0.71	1 1/4"	56	470	870	660
BD 0300	5.00	230/1/50	0.80	1 1/4"	57	470	870	660
BD 0360	6.00	230/1/50	0.81	1 1/2"	61	470	870	660
BD 0450	7.50	230/1/50	0.76	1 1/2"	68	645	1055	920
BD 0550	9.17	230/1/50	0.79	2"	116	645	1055	920
BD 0650	10.83	230/1/50	0.88	2"	118	645	1055	920
BD 0750	12.50	230/1/50	1.35	2"	121	645	1055	920
BD 0850	14.17	230/1/50	1.38	2"	155	645	1055	920

DC 1000	16.67	400	2.40	2 1/2"	177	904	1230	805
DC 1175	19.58	400	2.56	2 1/2"	180	904	1230	805
DC 1350	22.50	400	2.80	2 1/2"	185	904	1230	805
DC 1500	25.00	400	2.95	2 1/2"	190	904	1230	805
DC 1650	27.50	400	3.10	2 1/2"	196	904	1230	805

Inlet temperature °C	30	35	40	45	50	55
Factor A	1.17	1	0.88	0.75	0.58	0.48

Pressure dew point °C	3	5	7	10
Factor B	0.9	1	11.1	1.25

Operating pressure (bar)	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Factor c	0.6	0.7	0.8	0.88	0.94	1	1.04	1.06	1.09	1.10	1.12	1.14	1.15	1.16	1.17

Ambient temperature °C	25	30	35	40	45
Factor D	1	0.97	0.94	0.87	0.78

Corrected Fridge Dryer capacity = standard Fridge Dryer capacity x FA x FB x Fc x Fd



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