

Stenhøj FC Fridge dryer

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Stenhøj FC fridge dryer for the treatment of compressed air

Modern production systems and production processes require high-quality compressed air. This is achieved by filtration, water separation and drying. Fridge dryers from STENHØJ deliver compressed air of the highest quality while minimizing your running costs.

The compact dryers contain heat exchangers with 3 functionalities: air to air heat exchanger, air to refrigerant heat exchanger and separator for the condensate.

All STENHØJ dryers are equipped with expansion valves which are working constantly to maintain the correct liquid refrigerant quantity in the heat exchanger.



Easy to use controls.



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lifting the level

Thus achieving the optimum pressure dew point (constant dew point temperature of 3 degrees C).

STENHØJ's fridge dryers of the types F3C and F5C are equipped with timer-controlled solenoid valves as condensate drains.

The other fridge dryer models are equipped with an electronic controlled bekomat.

Pre-filter for the dryers must be purchased separately for the 1-phased models, while they are integrated on the 3-phased models.

MODEL Type	VOLUME FLOW At 7 bar m3/min	POWER SUPPLY 50 hz	POWER CONSUMPTION 100% full load	AIR CONNECTION BSP	WEIGHT kg	LENGTH mm	WIDTH mm	HEIGHT mm
F3C	0,264	230	0,25	1/2"	30	500	360	460
F5C	0,48	230	0,25	1/2"	32	500	360	460
F7C+	0,732	230	0,25	1/2"	32	500	360	460
F11C+	1,14	230	0,28	3/4"	53	715	410	535
F16C+	1,62	230	0,35	3/4"	54	715	410	535
F22C+	2,22	230	0,58	3/4"	56	715	410	535
F26C+	2,58	230	0,66	3/4"	59	715	410	535
F36C+	3,6	230	0,80	1 1/4"	86	715	490	750
F45C+	4,5	230	1,10	1 1/4"	93	715	490	750
F54C+	5,4	230	1,30	1 1/4"	93	715	490	750
F72C+	7,2	230	1,17	1 1/2"	127	570	690	985
F84C+	8,4	230	1,37	2"	163	715	765	1235
F105C+	10,5	230	1,48	2"	214	715	765	1235
F133C+	13,3	230	1,95	2"	233	715	765	1235

Type								
3 PHASE								
F156C+	15,6	400	2,47	3"	278	720	820	1440

*Larger models available on demand

*60 HZ available on demand

+ = BEKO 31

FRIDGE DRYER CONVERSION REVIEW

Operation pressure (bar)	5	6	7	8	9	10	11	12	13
Conversion factor	0,86	0,94	1	1,04	1,08	1,11	1,14	1,16	1,19



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