LCD-SERIES

Labotek Compressed Air Dryer

Drying of plastic materials

Labotek

LCD - Labotek Compressed Air Dryer

Introduction

Labotek A/S offers a range of compressed air dryers, the LCD dryer series, with a dew point down to-50°C. All models are designed to be machine mounted and for small-medium throughputs.

The electronic control panel allows easy programming via the internal data base of main materials, with the possibility of free implementation of the data by the operator.

The electronic control allows modulating the flow of compressed air as a function of the hourly capacity and type of material which, in combination with the anti-stress system, automatically reduces the power consumption.

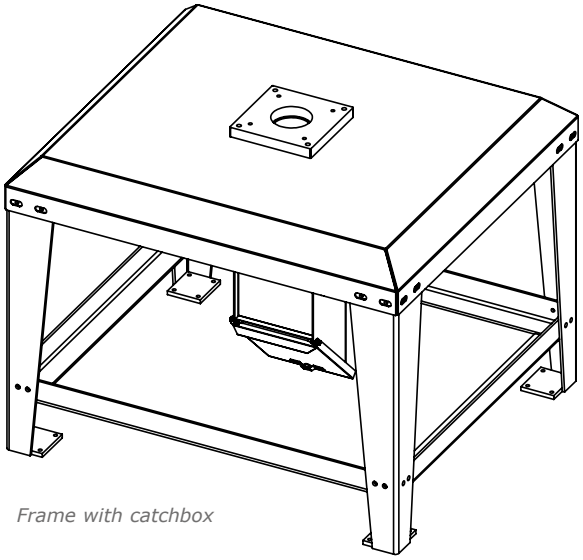
The electronic control panel allows easy programming via the internal data base of main materials.

Standard features & advantages

- Lid for SVR/Mini-Feed
- Electronic control microprocessor-based with LCD display
- Continuous modulating system of the compressed air flow
- Daily-weekly timer
- Solid state relay control
- Antistress system
- Visual and acoustic alarm
- Compressed air filter

Optional features

Description	LT no.
Supporting base	220242
Frame with catchbox	223009
Dew point sensor only at new machines at request	208864
Dew point meter (on request)	202500



Frame with catchbox

Supporting base for easy installation of dryer on machine throat, comprehensive of manual sliding gate and side discharge outlet for fast cleaning.

Technical specifications

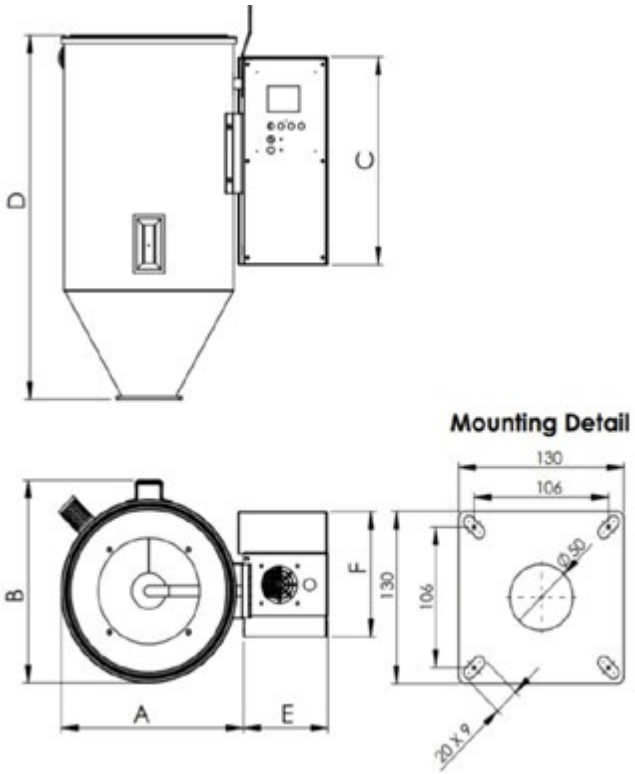
	LCD 5	LCD 15
Hopper volume l	5	15
Process airflow Nm3/h	5	10
Maximum dew point °C*	-50	-50
Heating power kW	0.45	0.45
Total installed power kW	0.5	0.5
Compressed air bar	≥7 bar	≥7 bar
Drying temp. range °C	+50-150	+50-150
Supply voltage	1 x 230 V / 50-60 Hz	
Weight kg	19	20
LT no.	100025	100027

**) With compressed air 7 bar and dew point +5°C*

Dimensions

Type LCD	LCD 5	LCD 15
A	242	288
B	272	315
C	352	352
D	381	531
E	166	166
F	236	236

All measurements are in mm



Material

	LCD 5 kg/h	LCD 15 kg/h
ABS (extrusion grade)	0.9	2.8
ABS (molding grade)	1.4	4.1
PC - ABS blend	1.1	3.3
ASA	0.9	2.8
CA	1.8	5
CAB	1.4	4.1
CP	1.5	4.5
EPDM	0.9	2.8
EVA	0.8	2.5
EVOH	1.5	4.5
Ionomer (Surlyn)	1.3	3.8
LCP	1.5	4.5
PA	0.8	2.3
PAR	0.7	2.1
PBT	1.3	4
PC	1.8	5.3
PC CD	0.9	2.6
PC - PBT blend	1.3	3.8
PE black	2.5	7.5
PE black 3%	1.1	3.3
PE black 40%	0.8	2.3
PE cable	0.8	2.3
PEEK	1.3	4
PEI	0.9	2.8
PEN	0.9*	2.6*
PES	1.3	4
PET	0.7*	2*
PET	1.3	4
PETG	1	3
PI	1.8	5
PLA	1	3
PMMA	1.1	3.3
POM	2.1	5.9
PP	2.5	6.7
PP TV 40	1.6	4.9
PP - EPDM	1.6	4.9
PPA	1	3
PPO (or PPE)	1.4	4.1
PPS	2	6
PS	2.8	8.3
PUR	1.9	5
PUS	1.3	4
PVC	4.3	10
SAN	1.4	4.1
SB	3	6.7
TPC	1.8	5
TPE	1.2	3.5
TPU	1.8	5

**) Special version 170°C*

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3 years warranty
excluding wear parts

ISO9001 · ISO14001 Certified by DNV

The specifications in this document are subject to change without notice.

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