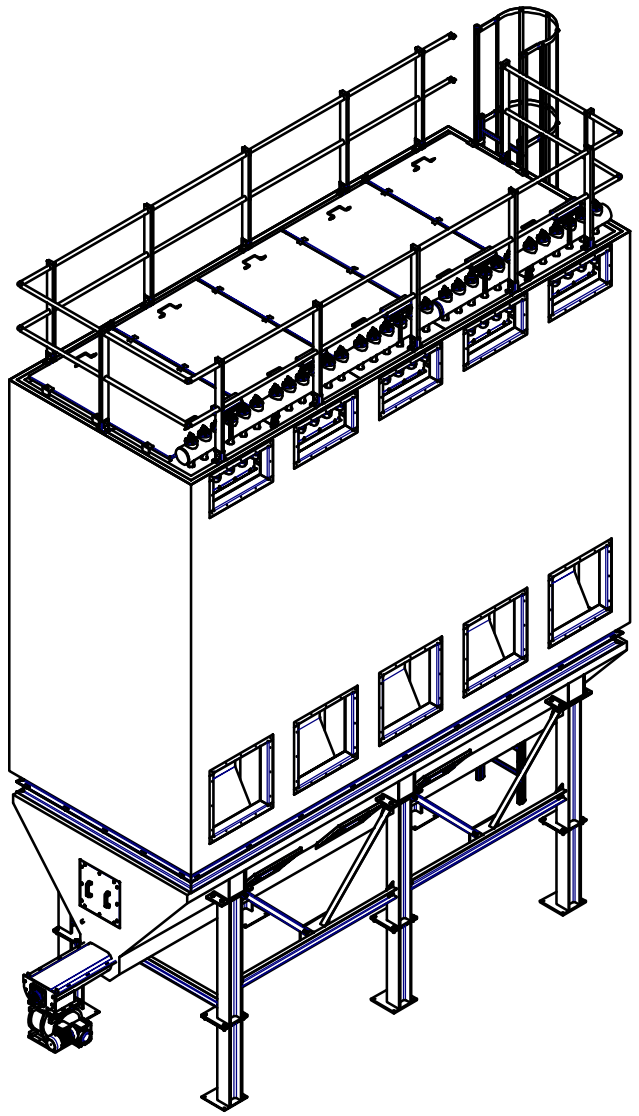
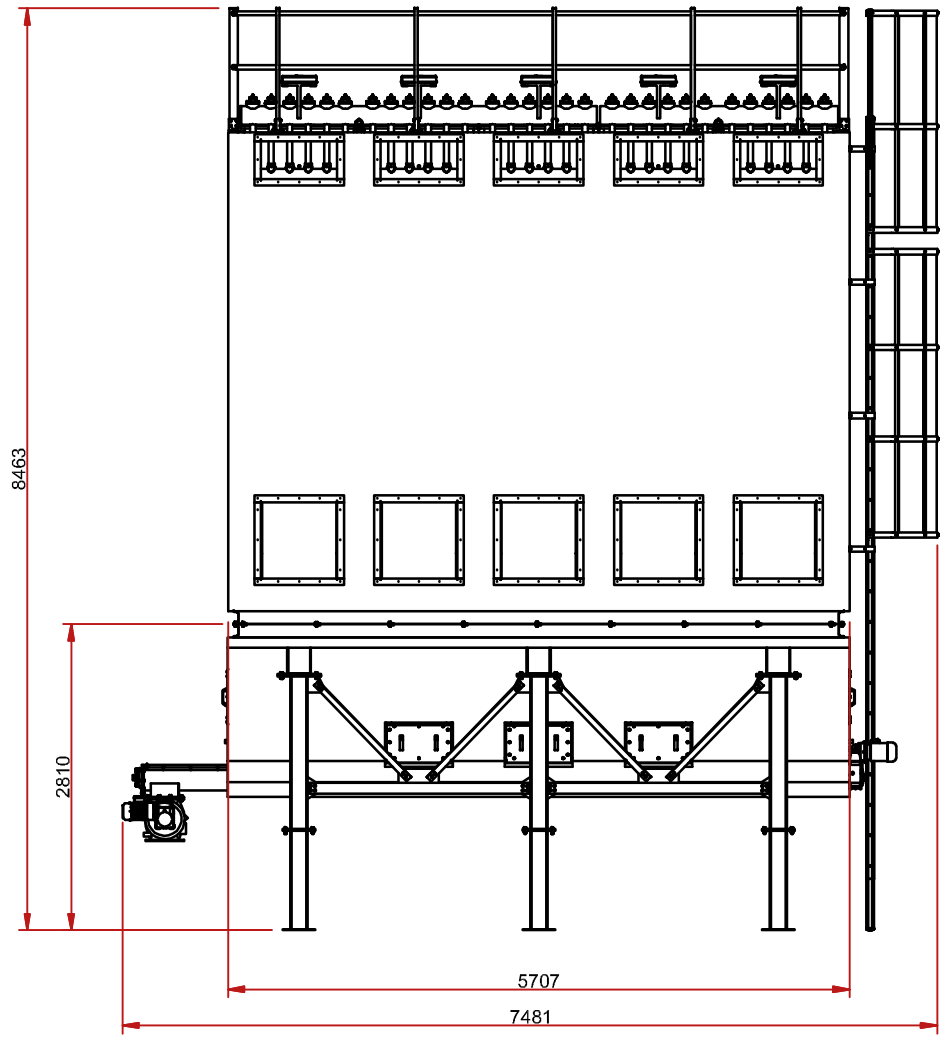
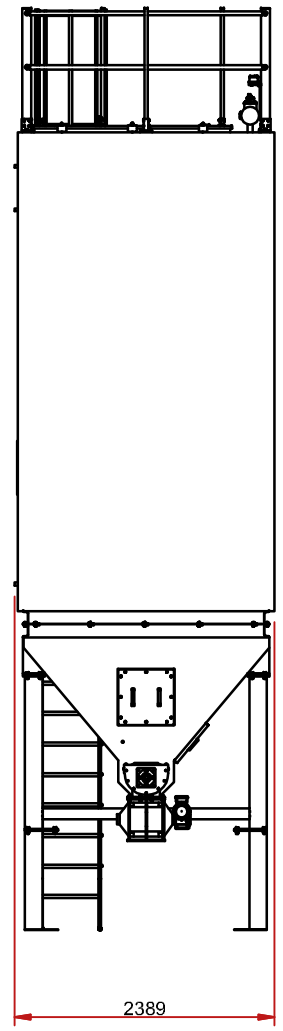
Rev.	Descrição/Description	Data/Date	Des./Drawn	Verif./Checked
a	First emission	10/01/2025	T.B.	M.B.
b	Bag filter drawing	14/01/2025	T.B.	M.B.





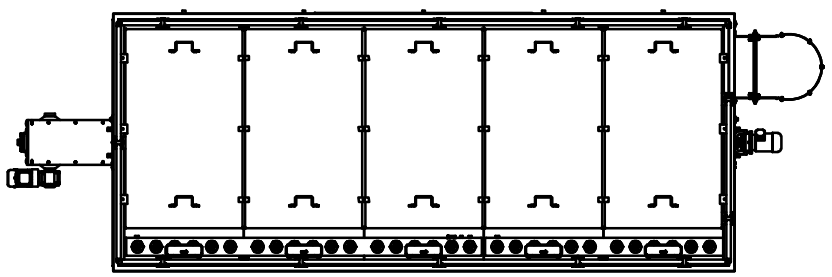


TOTAL NUMBER OF FILTER: 2
TOTAL FLOWRATE:55000A/m3h
MAX FLOWRATE: 62000A/m3H

BAG FILTER DATASHEET	
DATA	VALUE
OPERATING TEMPERATURE	220°C
DESIGN TEMPERATURE	250°C
FLOWRATE	27500 A/m3h@OT
MAX FLOWRATE	31000 A/m3h@OT
WORKING PRESSURE	-500mm H2O
DESIGN PRESSURE	-1000mm H2O
PM IN	280mg/Nm3@6% 02 dry
PM OUT	<10mg/Nm3@6% 02dry
BAG MATERIAL	PTFE
BAGS OPERATING TEMPERATURE	250°C CONTINUOS, 280°C PEAKS

BAG FILTER DIMENSIONS	
DATA	VALUE
FILTER MODULE WIDTH	2154mm
FILTER MODULE LENGTH	1100mm
NUMBER OF MODULES	5
NUMBER OF BAGS FOR MODULE	66
BAG DIAMETER	Ø121mm
BAG HEIGHT	4000mm
NUMBER OF INLETS	5 , 700X700mm
NUMBER OF OUTLETS	5 , 700X350mm
TOTAL FILTRATION SURFACE	518m2
FILTRATION SPEED	0.88 m/min
CAN VELOCITY	0.98 m/s

OFF LINE CLEANING BAG FILTER
EACH MODULE WILL BE CLOSED
DURING CLEANING PROCEDURE



uniconfort
Biomass Energy Evolution
via dell'industria, 21 - 35018 San Martino di Lupari (PD) - Italy
tel. +39 049 5952052 Email: info@uniconfort.com

Cod. disegno / drawing code	3019-LAY-000610
Rev.	01
Matricola / serial number	3019
Commessa / project number	
Descrizione / description	BAG FILTER
Cliente / customer	THE NAVIGATOR COMPANY
Luogo di istallazione / installation place	VILLA VELHA DE RODAO
Nazione / Nation	PORTUGAL
ISO	
Scala / scale	1:50
Formato / size	A2
Foglio nº / sheet nr.	1 /1

Questo disegno è di proprietà della UNICONFORT s.r.l. e non può essere riprodotto e/o copiato senza nostra approvazione scritta.
This plan is a property of UNICONFORT s.r.l. and my not be reproduced copied or trasmitted without our written authorization

Projeto / Project:	NTR24009 - Nova Caldeira Biomassa	
Proj./Design	T.Battocchio	14/01/2025
Des./Drawn	T.Battocchio	14/01/2025
Verif./Check.	T.Battocchio	14/01/2025
Aprov. / Appr.	M.Bertin	14/01/2025
ÁREA FABRIL / MILL AREA:	R015 - Producao de Vapor -	
SAP Ref.:	- -	
Plot:	A2	
Escala / Scale:	1:50	
TITULO / TITLE:	Bag filter datasheet Included drawing and main dimensions - -	

THE NAVIGATOR COMPANY
COMPLEXO INDUSTRIAL DE VVR

Doc. Tipo / Type:	M60
Rev.	b
Desenho / Drawing No.:	R015-62560-C b
Substitui / Replaces:	R015-62560-C a
Subst. / Replaced by:	-