VACUUM FILTER SYSTEM





TYPE: PLANT

MODEL: VF6P3

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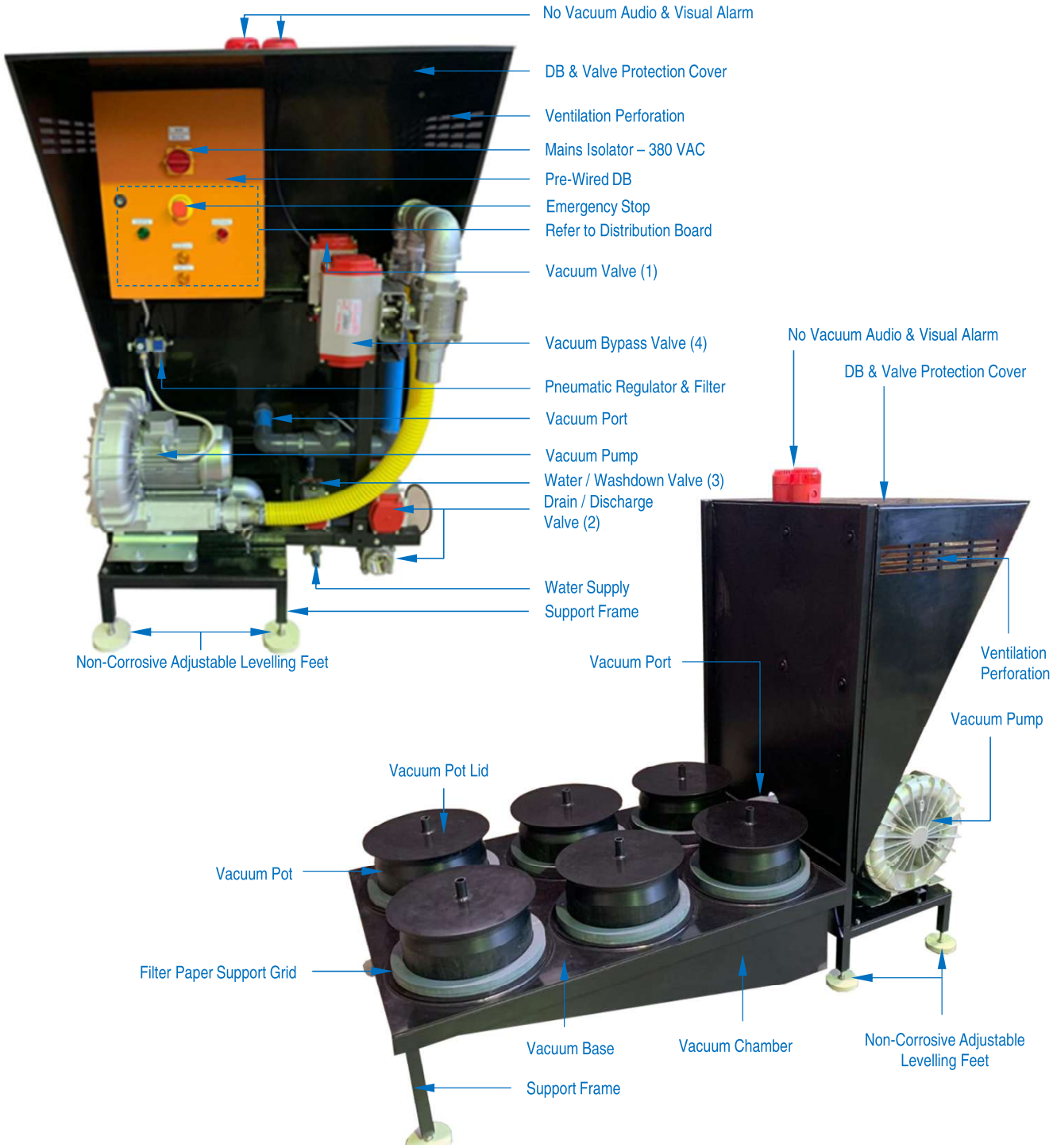
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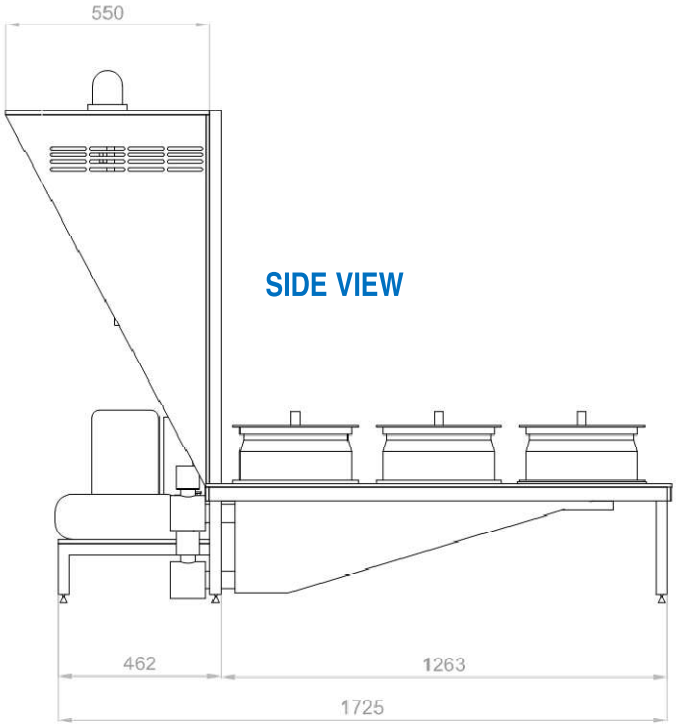


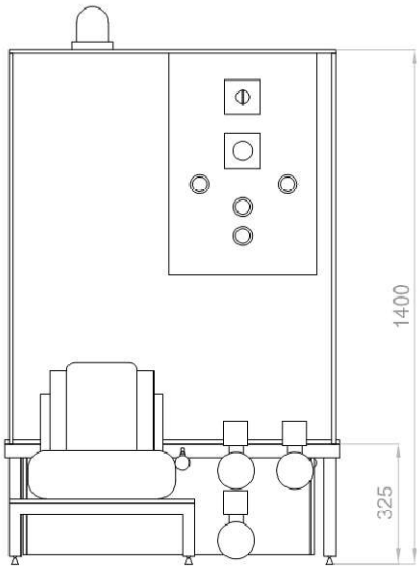
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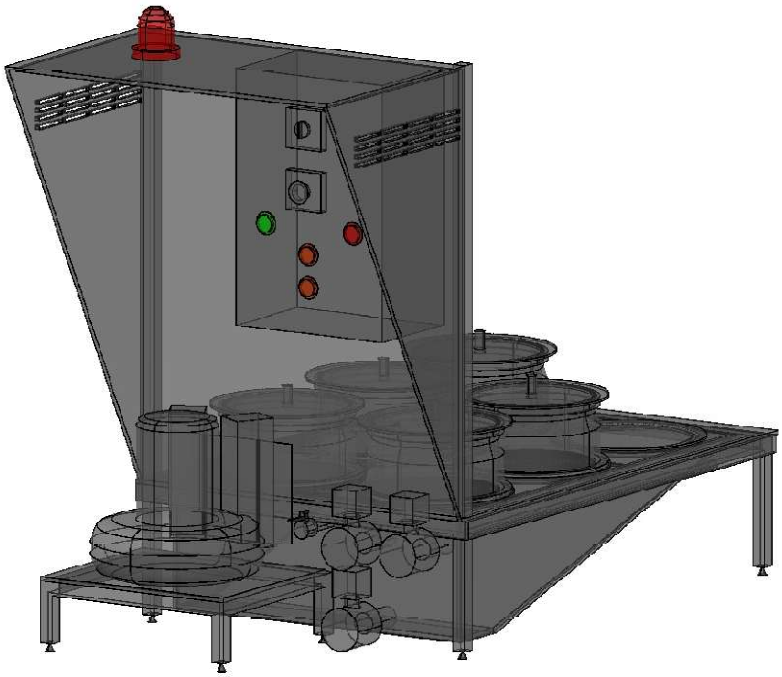
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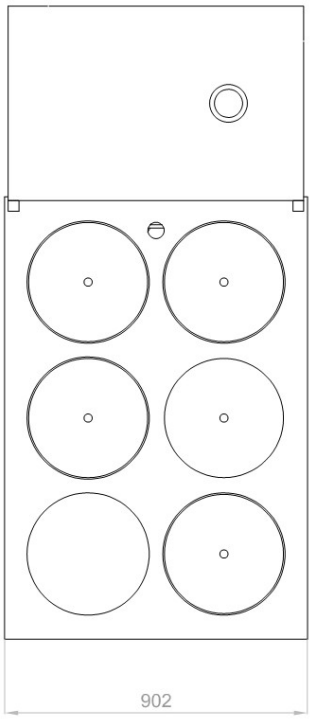
TECHNICAL SPECIFICATIONS







PLAN VIEW



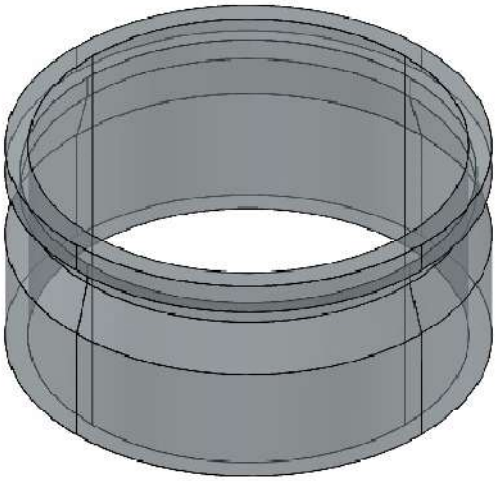
1 POT PLANT VACUUM SYSTEM

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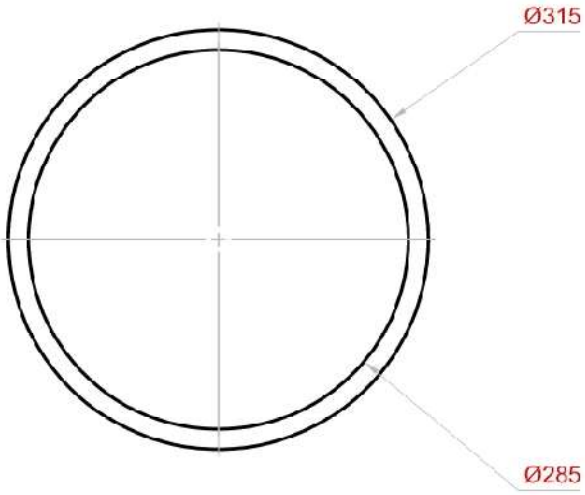
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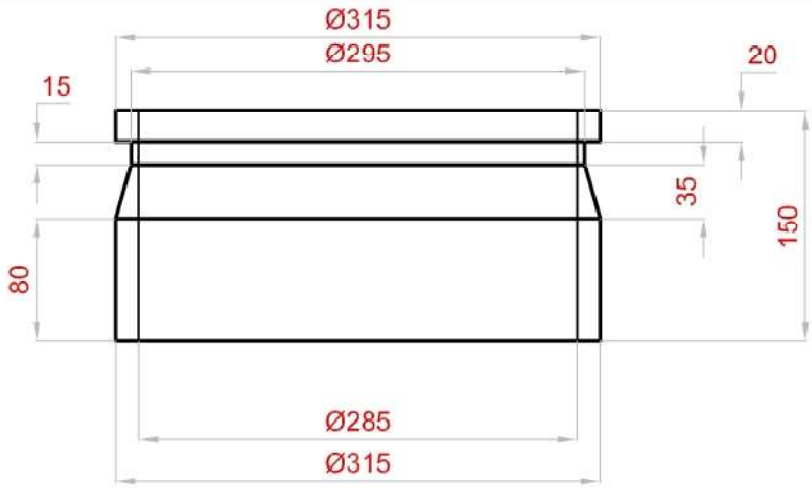
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TECHNICAL SPECIFICATIONS



CAPACITY: 9.5 LITERS





VACUUM POT

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TECHNICAL SPECIFICATIONS

REGULATOR



DETAILED INFORMATION REFER TO **ADDENDUM A**

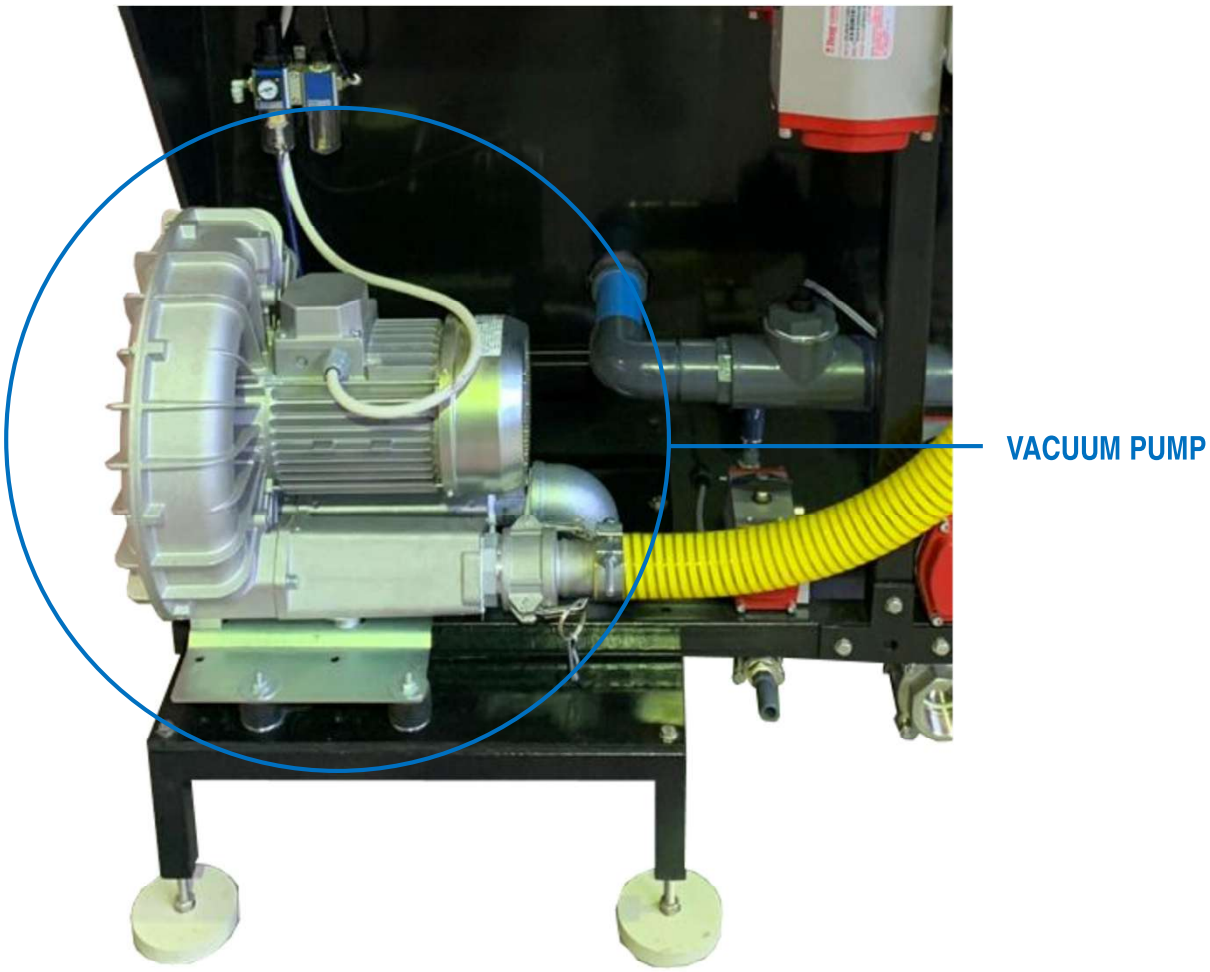
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VACUUM PUMP

TECHNICAL SPECIFICATIONS



DETAILED INFORMATION REFER TO **ADDENDUM B**

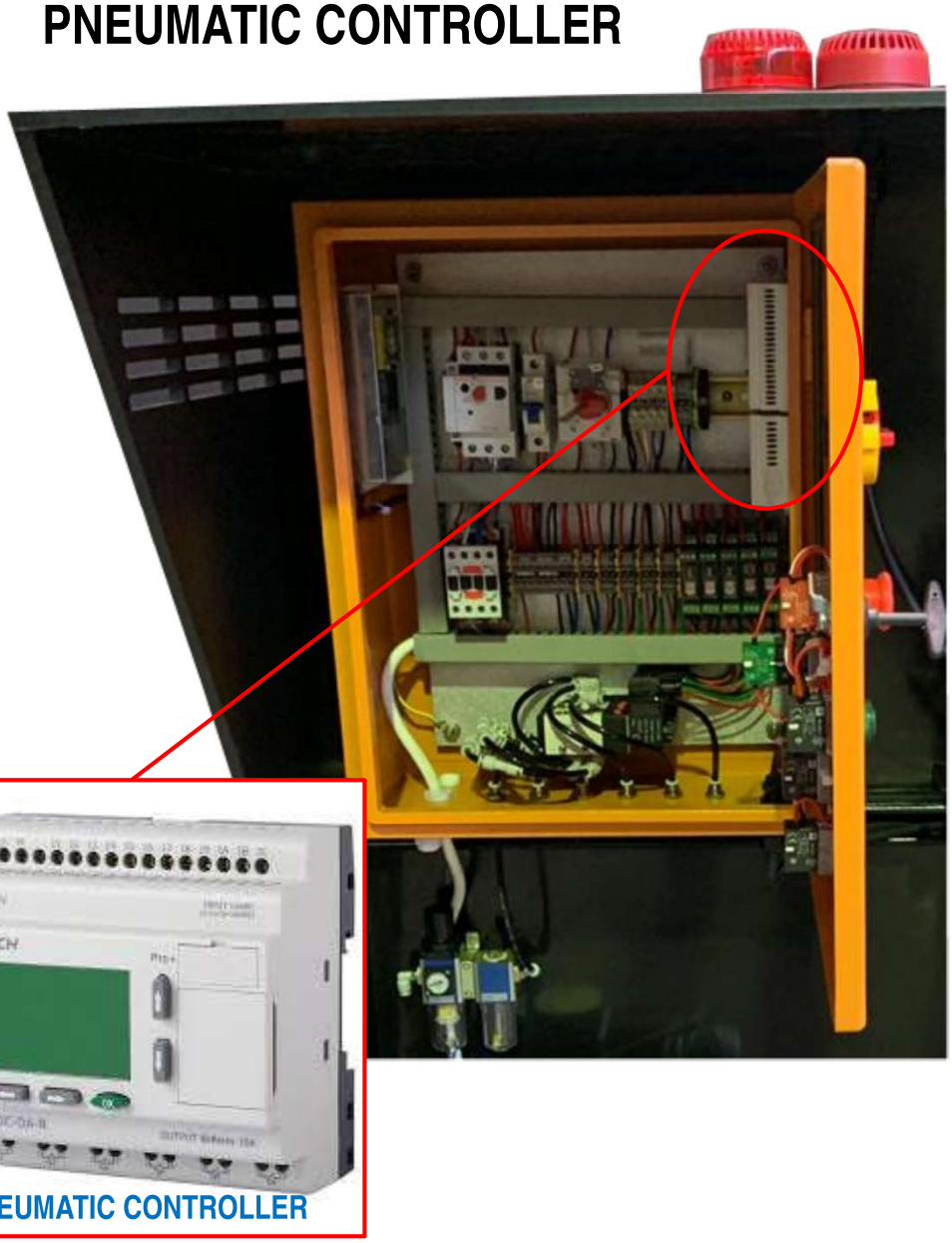
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TECHNICAL SPECIFICATIONS

PNEUMATIC CONTROLLER



PNEUMATIC CONTROLLER

DETAILED INFORMATION REFER TO **ADDENDUM C**

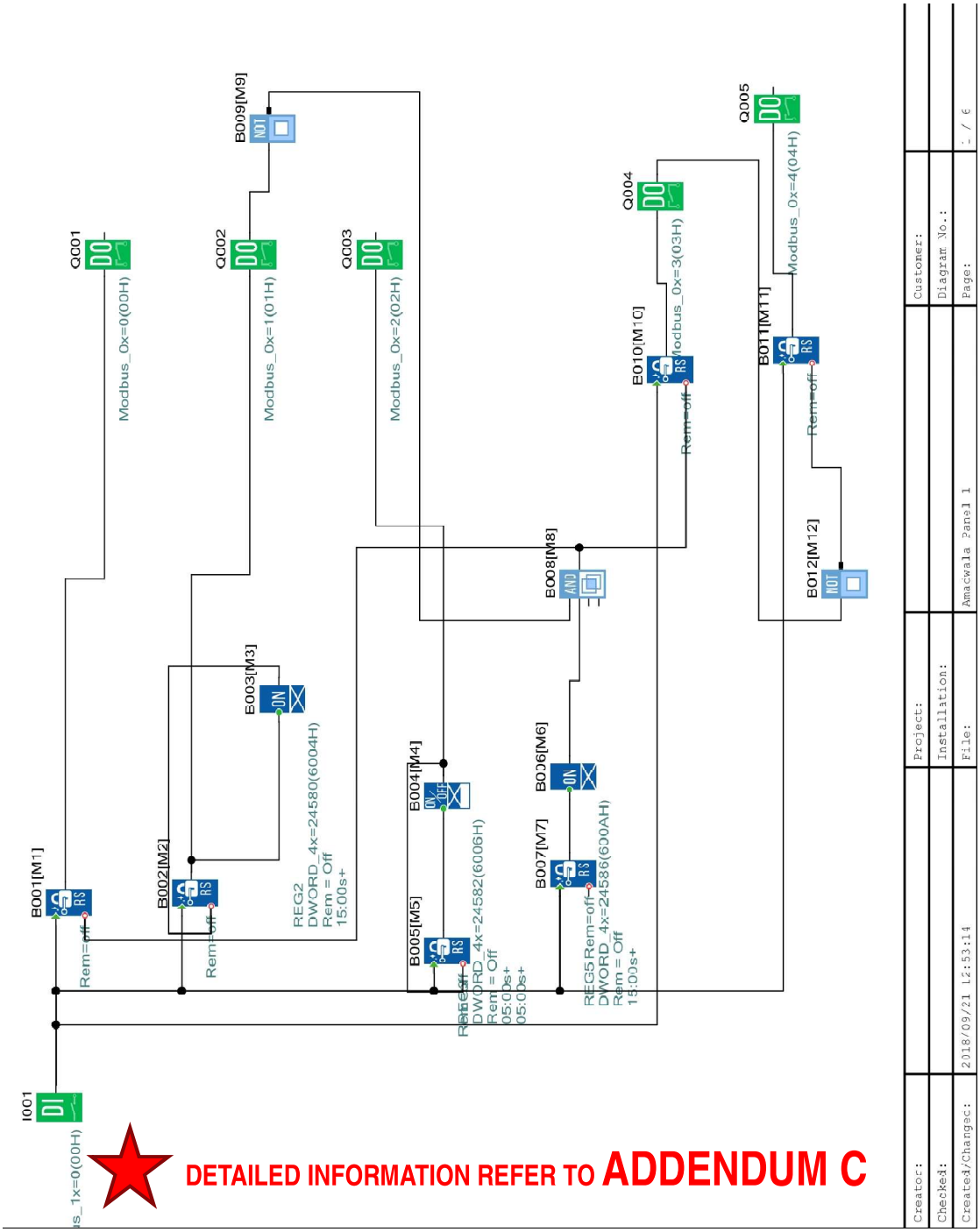
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PNEUMATIC CONTROLLER:
PROGRAM PARAMETERS

TECHNICAL SPECIFICATIONS



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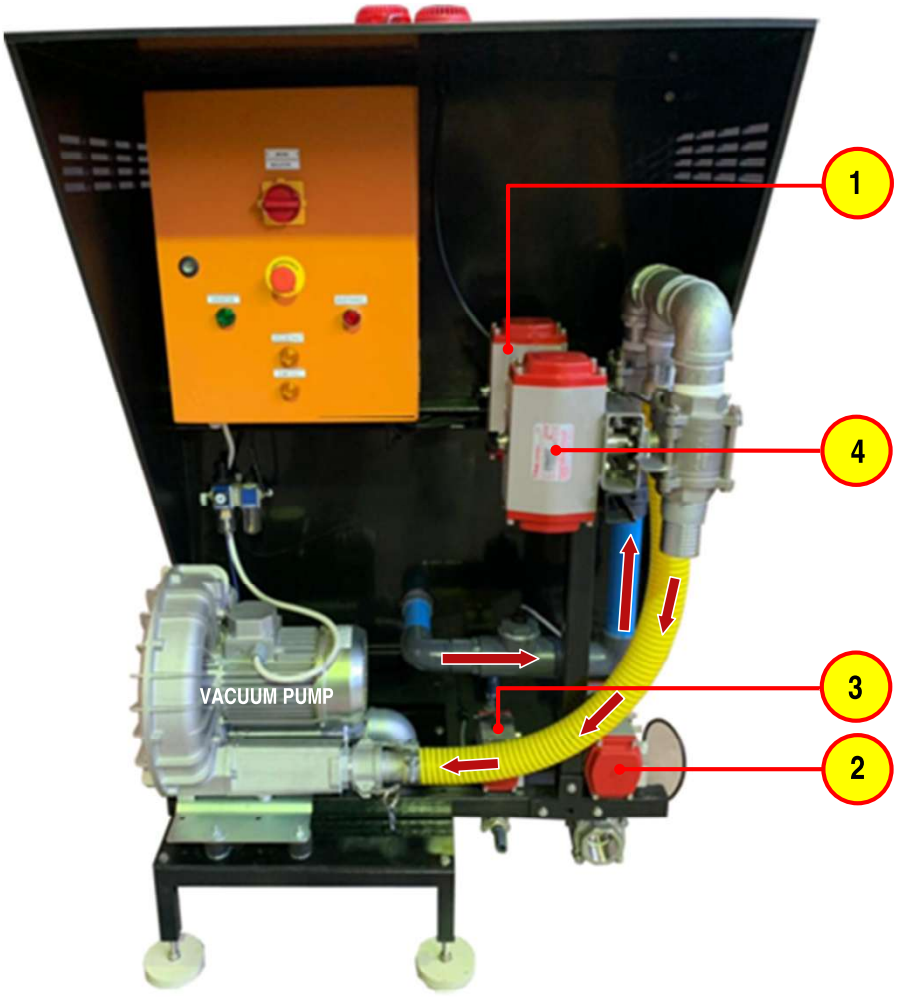
TECHNICAL SPECIFICATIONS

Block Number (Type)	Parameter
B0C1[M1] (Latching Relay)	Rem=off
B0C2[M2] (Latching Relay)	Rem=off
B0C3[M3] (On-Delay)	REG2 DWCRD_4x=24580(6004H) Rem = Off 15:0)s+
B0C5[M5] (Latching Relay)	Rem=off
B0C4[M4] (On-/Off-Delay)	REG3 DWCRD_4x=24582(6006H) Rem = Off 05:0)s+ 05:0)s+
B0C6[M6] (On-Delay)	REG5 DWCRD_4x=24586(600AH) Rem = Off 15:0)s+
B0C7[M7] (Latching Relay)	Rem=off
B010[M10] (Latching Relay)	Rem=off
B011[M11] (Latching Relay)	Rem=off

Creator:		Project:		Customer:	
Checked:		Installation:		Diagran No.:	
Created/Changed:	2018/09/21 12:53:14	File:	Amadwala Panel 1	Page:	5 / 6

PNEUMATIC VALVE IDENTIFICATION:

TECHNICAL SPECIFICATIONS



PNEUMATIC VALVE IDENTIFICATION						
NO:	COLOUR ID:	DESCRIPTION	MAKE	SIZE	CODE	TIMER PARAMETER
1	RED	Vacuum Valve	BRAY	2”	DN50-2 Way	
2	GREEN	Drain Valve	BRAY	2”	DN50-2 Way	B3
3	BLUE	Water / Washdown Valve	BRAY	½”	DN15-2 Way	B4 / B6
4	BLACK	Vacuum Bypass Valve	BRAY	2”	DN50-2 Way	

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COMPONENT LIST

COMPONENT:	CODE	MAKE	MODEL	SIZE	QTY
Pneumatic Vacuum Valve (1)	B-DN50	Brey	DN50	2" Two Way	1
Pneumatic Drain Valve (2)	B-DN50	Brey	DN50	2" Two Way	1
Pneumatic Water Supply Valve (3)	B-DN15	Brey	DN15	2" Two Way	1
Pneumatic Bypass Valve (4)	B-DN50	Brey	DN50	2" Two Way	1
Pneumatic PIPE – Regulator inlet			16 BAR	8mmØ	1
Pneumatic PIPE – Regulator to Pneumatic Block (DB)			16 BAR	8mmØ	1
Pneumatic PIPE – Actuators/Valves			16 BAR	6mmØ	1
Vacuum Pot	PT9.5	ALS	VFPT9.5	315Ø	1
Vacuum Pump 380 VAC	SIO210	BUSCH	SAMOS	1.5KW	1
Main Body	HDPE	ALS			
Support Stand	304SS	ALS			

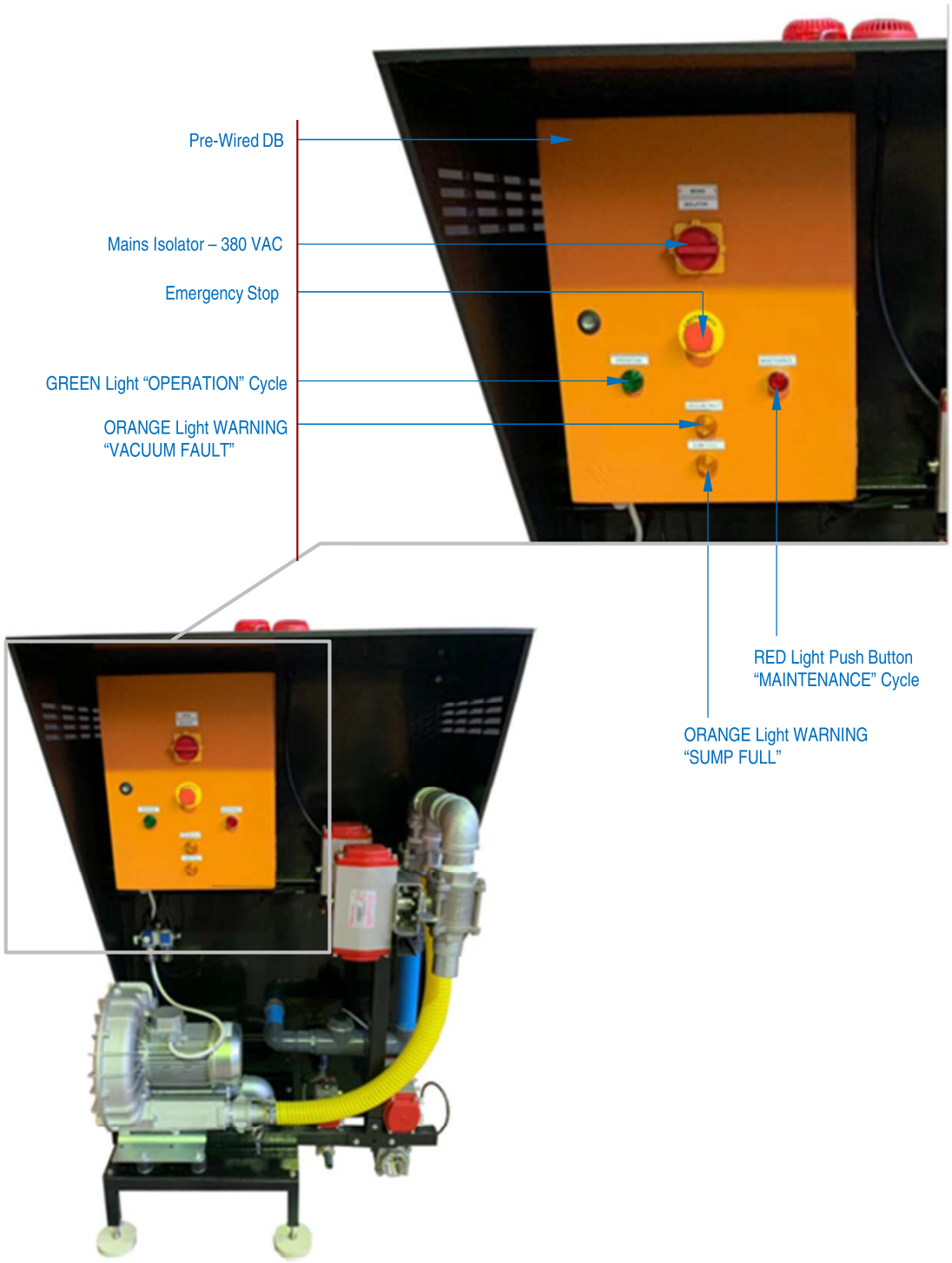


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UNIT ELECTRICAL



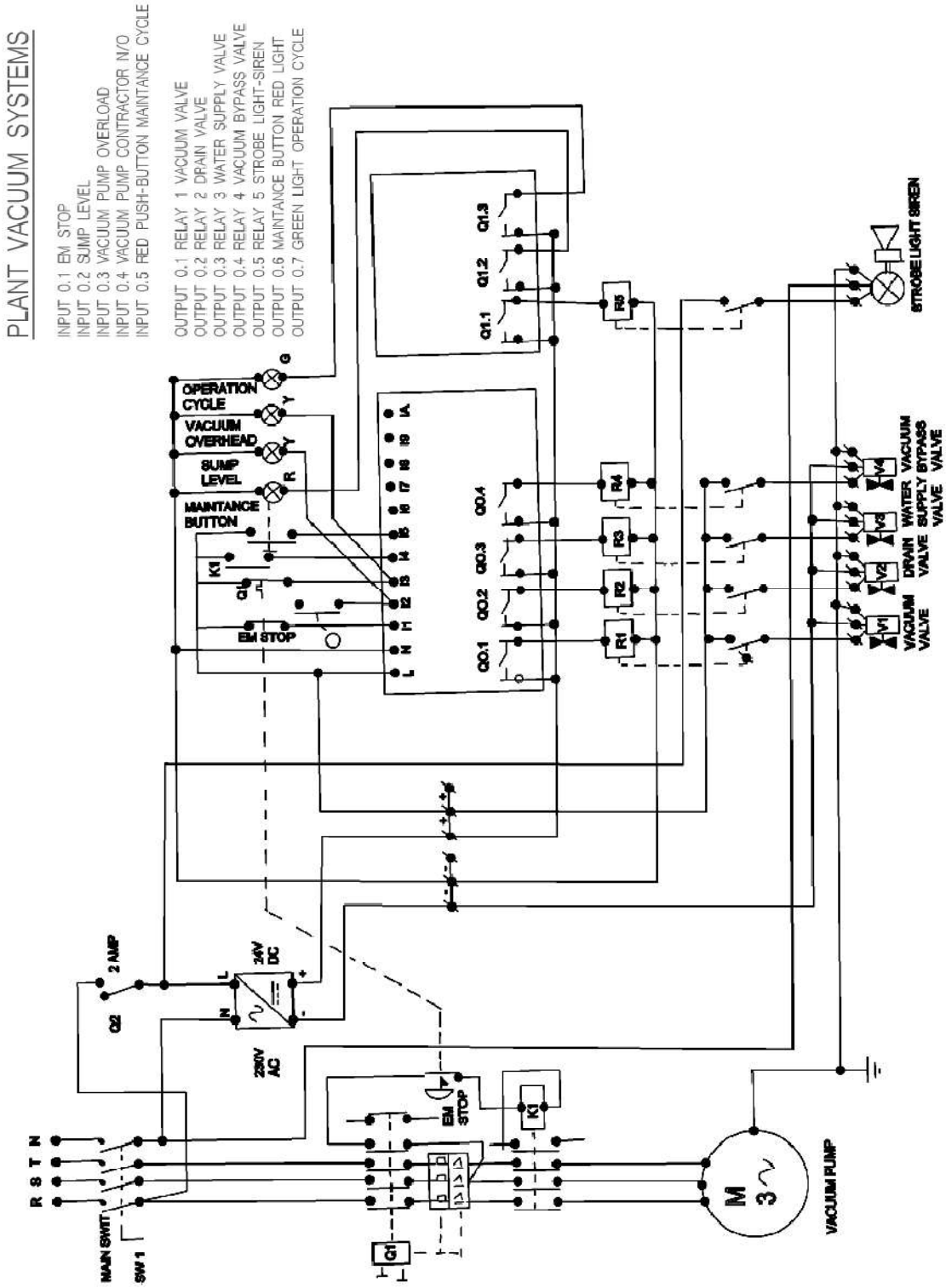
PNEUMATIC DISTRIBUTION BOARD (DB)

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UNIT ELECTRICAL



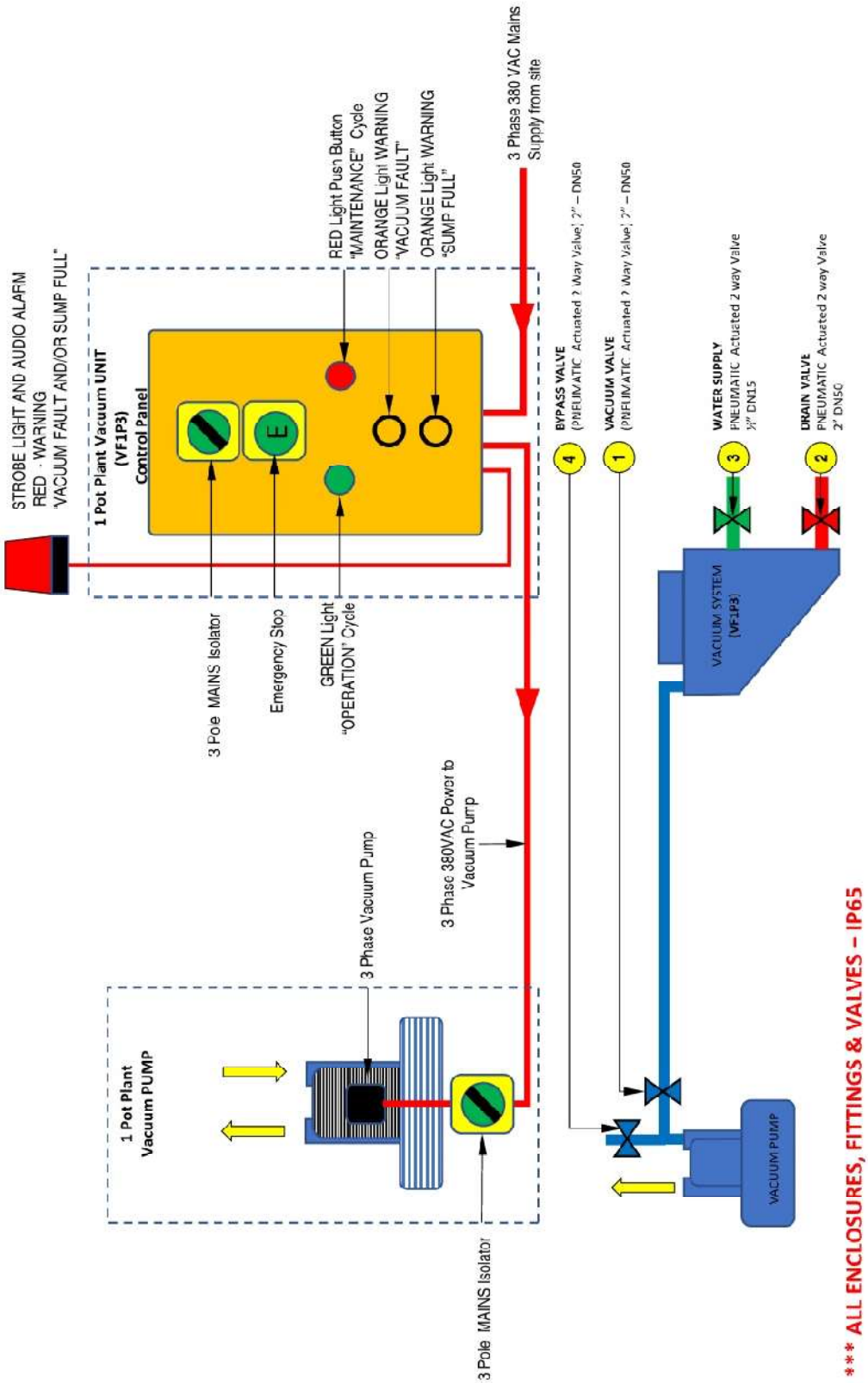
DISTRIBUTION BOARD (DB) WIRING DIAGRAM

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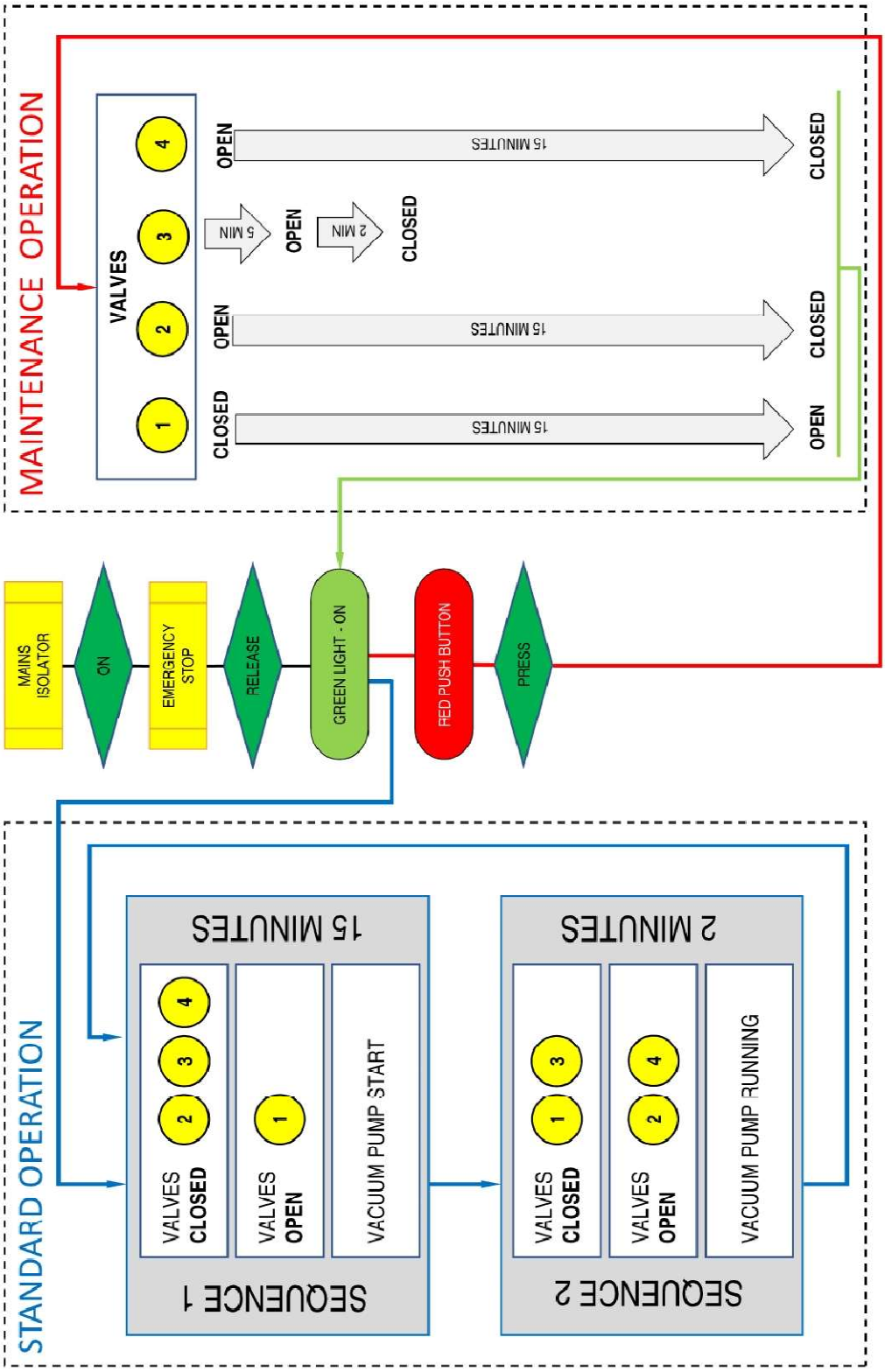


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OPERATION FLOW



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ALARMS

OPERATION FLOW

NO	NAME	DESCRIPTION	CAUSE	ALARMS
1	VACUUM FAULT	No Vacuum from Vacuum Pot Chamber	• Unit in Maintenance Cycle • Vacuum Pump not operational • Vacuum pipe Blocked • Valve 1 stuck in closed position • Vacuum Flow Switch Faulty	• Strobe light and Audio Alarm on top of unit • Orange warning Light on Control Panel
2	SUMP FULL	Vacuum POT Sump Full, not draining	• Valve 2 Stuck on Closed Position • Drain piping Blocked • Control programing not operational	• Strobe light and Audio Alarm on top of unit • Orange warning Light on Control Panel

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