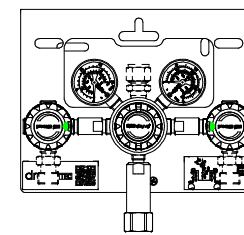
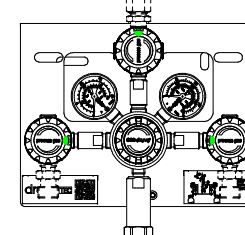


STANDARD VERSIONS OVERVIEW  
OVERVIEW OF ADDITIONAL VERSIONS - SHEET NO. 2

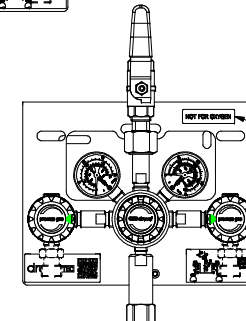
OPTION - S0 / SPECIAL - 0



OPTION - SS / SPECIAL - 0



OPTION - SB / SPECIAL - 0



ONLY FOR OUTLET PRESSURE E1

### ORDERING INFORMATION

**MTMHOM S SX X XX XX XX XXXX XXXX XXXX**

**STAGES:**  
S - SINGLE STAGE

**OPTIONS:**  
S0 - HP SHUT-OFF VALVE + LP WITHOUT  
SS - HP SHUT-OFF VALVE + LP SHUT-OFF VALVE  
SB - HP SHUT-OFF VALVE + LP BALL VALVE

**SPECIALS:**  
O - WITHOUT  
C - CHECK VLV  
F - SAFETY DEV. FLAM.  
G - CHECK VLV + SAFETY DEV. FLAM.  
H - CHECK VLV + SAFETY VLV + SAFETY DEV. FLAM.  
N - SAFETY DEV. OXY/AIR  
P - CHECK VLV + SAFETY DEV. OXY/AIR  
Q - CHECK VLV + SAFETY VALVE + SAFETY DEV. OXY/AIR  
S - SAFETY VLV  
U - CHECK VLV + SAFETY VLV  
Y - SAFETY DEV. FLAM. + SAFETY VLV  
Z - SAFETY DEV. OXY/AIR + SAFETY VLV

**INLET PRESSURE:**  
F4 - 60 BAR  
FX - 200 BAR  
GX - 300 BAR

**OUTLET PRESSURE:**  
D2 - 10 BAR  
EZ - 20 BAR  
E1 - 40 BAR - NOT FOR O2 WITH OPTION SB  
F2 - 100 BAR - NO OPTION SB

**PURGE CONNECTION:**  
0001 - WITHOUT (PLUGGED)

**PROCESS OUTLET CONNECTION:**  
N38F - NPT3/8" FEMALE  
MORE VERSIONS ON LIST OF CONNECTIONS

**PROCESS INLET CONNECTION:**  
N14F - NPT1/4" FEMALE  
N38F - NPT3/8" FEMALE  
E2MR - G3/8" MALE EN560 RIGHT  
W2ML - W21.8X1/14" MALE LEFT  
W2MR - W21.8X1/14" MALE RIGHT  
W3ML - W30X2 MALE LEFT  
W3MR - W30X2 MALE RIGHT

**OUTLET GAUGE TYPE:**  
BT - BOURDON TUBE  
I2 - INDUCTIVE CONTACT I2  
R2 - REED CONTACT R2  
I1 - INDUCTIVE CONTACT I1  
R5 - REED CONTACT R5

**INLET GAUGE TYPE:**  
BT - BOURDON TUBE  
I1 - INDUCTIVE CONTACT I1  
R5 - REED CONTACT R5

#### LIST OF PROCESS OUTLET CONNECTIONS

- N38F - NPT3/8" FEMALE
- G12F - G1/2" FEMALE
- E3MR - G1/2" MALE EN560 RIGHT
- E3ML - G1/2" MALE EN560 LEFT
- E5MR - G3/4" MALE EN560 RIGHT
- M12B - COMPRESSION FITTING 12MM BRASS
- M15B - COMPRESSION FITTING 15MM BRASS
- M18B - COMPRESSION FITTING 18MM BRASS
- M12S - COMPRESSION FITTING 12MM SS
- M15S - COMPRESSION FITTING 15MM SS
- M18S - COMPRESSION FITTING 18MM SS
- M25S - COMPRESSION FITTING 25MM SS
- IX8B - COMPRESSION FITTING 1/2" BRASS
- I10B - COMPRESSION FITTING 5/8" BRASS
- I12B - COMPRESSION FITTING 3/4" BRASS
- I14B - COMPRESSION FITTING 7/8" BRASS
- IX8S - COMPRESSION FITTING 1/2" SS
- I12S - COMPRESSION FITTING 3/4" SS
- I16S - COMPRESSION FITTING 1" SS
- DM21 - TUBE 21,3 MM

#### LIST OF PURGE CONNECTIONS

- N14F - NPT1/4" FEMALE
- M06B - COMPRESSION FITTING 6MM BRASS
- M08B - COMPRESSION FITTING 8MM BRASS
- M10B - COMPRESSION FITTING 10MM BRASS
- M12B - COMPRESSION FITTING 12MM BRASS
- M06S - COMPRESSION FITTING 6MM SS
- M08S - COMPRESSION FITTING 8MM SS
- M10S - COMPRESSION FITTING 10MM SS
- M12S - COMPRESSION FITTING 12MM SS
- IX4B - COMPRESSION FITTING 1/4" BRASS
- IX6B - COMPRESSION FITTING 3/8" BRASS
- IX8B - COMPRESSION FITTING 1/2" BRASS
- IX4S - COMPRESSION FITTING 1/4" SS
- IX6S - COMPRESSION FITTING 3/8" SS
- IX8S - COMPRESSION FITTING 1/2" SS

AVAILABILITY OF BRASS FITTINGS DEPENDING ON PRESSURE AND SIZE.  
PAY ATTENTION TO THE MAXIMUM APPROVED PRESSURE OF YOUR PIPEWORK

**TECHNICAL SPECIFICATION**

MATERIAL OF GAS WETTED PARTS:  
REGULATOR BODY: BRASS (CW614N)  
REGULATOR DIAPHRAGM: HASTELLOY (C276)  
REGULATOR SEAL: PTFE  
REGULATOR SEAT: PTFE  
REGULATOR BALANCE SEAL: FKM  
REGULATOR POPPET: BRASS (CW614N)

RELIEF VALVE SEAT: FKM  
SAFETY VALVE SEAT: FKM  
RELIEF VALVE OUTLET CONN. NPT1/2"  
SAFETY VALVE OUTLET CONN. NPT1/2"

INLET PRESSURE: MAX. 300 BAR  
FLOW NOMINAL: 100 Nm3/h (N2)  
ACC. TO ISO 7291 AT 20 BAR OUT

GAS TYPE  
DEFINED BY PRODUCT LINE AND TYPE  
(CHECK APPROVED GAS TYPE IN DATASHEET)

TEC LINE:  
NON-CORROSIVE GASES  
NON-TOXIC GASES

02	07.04.2022	NEW SAFETY VALVE DESIGN / NOVÝ SV		ECO-06971	Chadim
Index	Plugs / Description			C. change / No of change	Autor

Průběžná revize	Revisní podpis/ číslo	Průběžná revize	Průběžná revize
Starý materiál	Starý výkres	Starý výkres	Starý výkres
Materiál	Materiál	Materiál	Materiál

Kromě číslo značen	KR
Critical dimension marked	0,1 +0,3
13.01.2021	Ing. I. Chadim
13.01.2021	Ing. Z. Hájek
B: Standard	1:2

**MANIFOLD TEC-LINE MID FLOW HO**  
**MAN TEC 100Q HO 2MANU SGL INSHUTOF**

7.26 kg

1/3

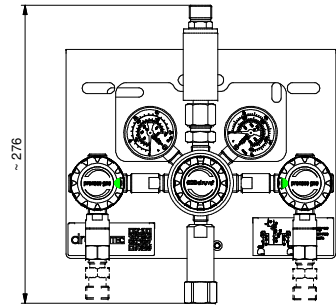
**GOE MTMHOMSS**

EXAMPLE: MTMHOMSSS0GXEZBTBTN38FM12B0001

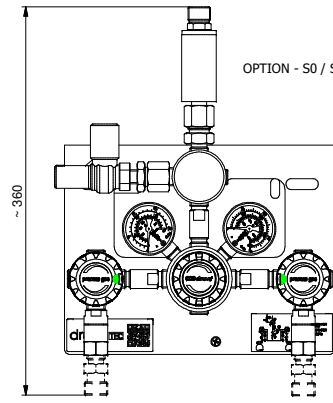


## Overview of all versions

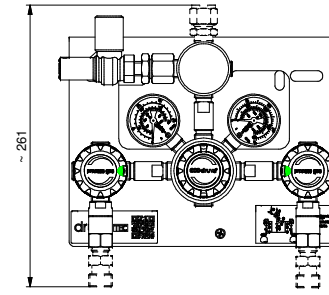
OPTION - S0 / SPECIAL - G OR P



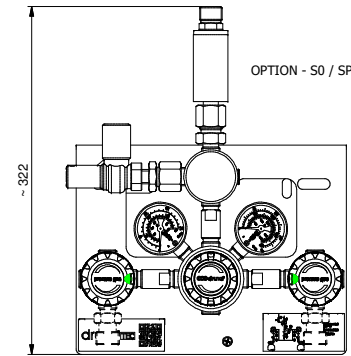
OPTION - S0 / SPECIAL - H OR Q



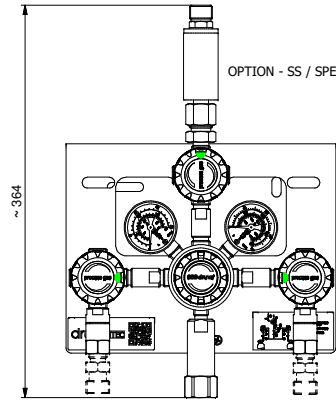
OPTION - S0 / SPECIAL - U



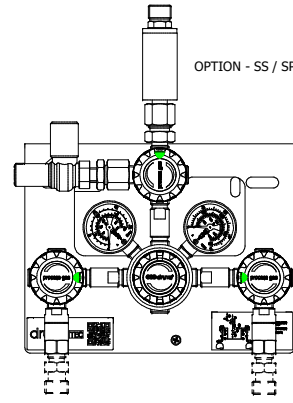
OPTION - S0 / SPECIAL - Y OR Z



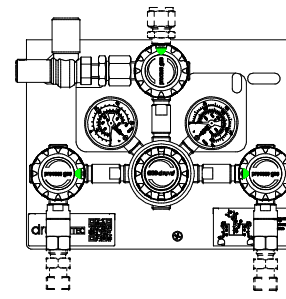
OPTION - SS / SPECIAL - G OR P



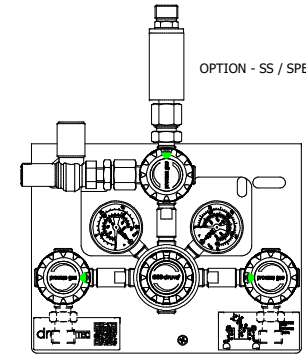
OPTION - SS / SPECIAL - H OR Q



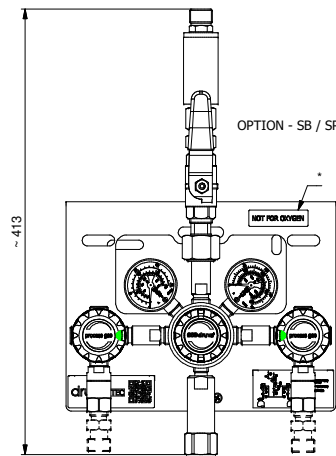
OPTION - SS / SPECIAL - U



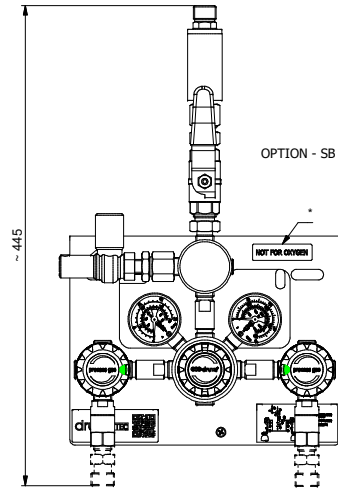
OPTION - SS / SPECIAL - Y OR Z



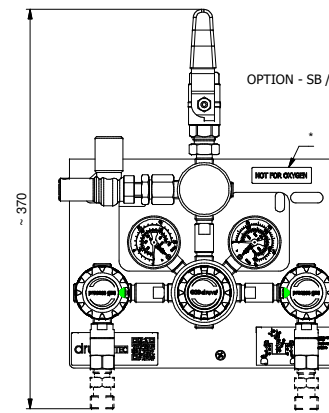
OPTION - SB / SPECIAL - G OR P



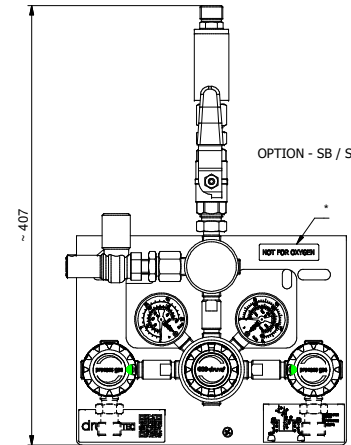
OPTION - SB / SPECIAL - H OR Q



OPTION - SB / SPECIAL - U



OPTION - SB / SPECIAL - Y OR Z



\* ONLY FOR OUTLET PRESSURE E1

02	07.04.2022	NEW SAFETY VALVE DESIGN / NOVÝ SV		ECO-06971	Chadim
Index	Date	Title / Description		C. symbol / No. of change	Author
Pokročivost Level of maturity	Rozsah polotovaru Dim. of raw material	Technické údaje Technical data		Maximální hmotnost Max weight	7,26 kg
Hmotnost Material	Hmotnost Material	Stav výkresu Doc drawing		Ver. / Proje. list Sheet number of spec.	2 / 3
Komentář Notice	Kritický rozměr značky Critical dimension marked	KR		MANIFOLD TEC-LINE MID FLOW H0 MAN TEC 100Q H0 2MANU SGL INSHUTOF	
Číslo úpravy Change no.	13.01.2021	Operátor / Machining By	Netto objem / Clean without oil ISO 2768 mK		
Číslo Drawing	L.Ondracek	Měřítko / Scale 1:3,25			
Kontrola Inspected	Ing. I. Chadim				
Revize Approved	Ing. Z. Hejtek	Standard			