

## Model A-14228-ML & A-14378-ML

Pressure Relief Valve

June 10, 2020

(Rev. 1)



VALVE MODEL NO.	RUPTURE DISC SETTING	FLOW RATE	VALVE PRESSURE SETTING (PSIG)	VAPOR TIGHT PRESSURE (MINIMUM) (PSIG)	OUTER SPRING	INNER SPRING	NAMEPLATE	RUPTURE DISC
A-14228-ML	225	4629	210	200	15-150-MO	14-13-SS	A-14-228-ML	14-23-TA-225-F
A-14378-ML	375	7299	351	336	15-375-SS	14-13-SS	A-14-378-ML	14-23-TA-375-F

### NOTES

- For stainless steel flue, add suffix -S to model number
- Orifice area: 1.35 square inches
- Valve weight: 30 lb
- 15-111-SS adjustment screw is used for A-14378-ML
- These items can be ordered as kit model number: K-14378-ML
- For AAR Approval # refer to the AAR Number Lookup page on the Midland website: <https://www.opwglobal.com/midland/tech-support/aar-number-lookup>



ITEM	QTY	PART NAME	MATERIAL	PART NO.
1	1	TOP GUIDE	STAINLESS STEEL	14-101-SS
2	1	STEM	HAST. C/MONEL	14-2-XC
3	1	PLUG	HASTELLOY C	14-3-HC
4	1	BODY	HASTELLOY C	14-478-HC
5	1	OUTER SPRING	STAINLESS STEEL	SEE TABLE
6	1	FOLLOWER	STAINLESS STEEL	14-6-SS
7	1	GUIDE	STAINLESS STEEL	14-7-SS
8	1	TOP NUT	STAINLESS STEEL	15-8-SS
9	1	TOP GASKET	VITON	15-9-VA
10	1	SHAFT SEAL	PTFE	17-10-TF
11	1	ADJUSTING SCREW	STAINLESS STEEL	15-11-SS (2)
12	1	SEAL RETAINER	MONEL	14-12-ML
13	1	INNER SPRING	STAINLESS STEEL	SEE TABLE
14	1	CAP	STAINLESS STEEL	14-14-SS
15	1	SEAL SCREW	STEEL, PLATED	15-15-CS
16	4	STUD	MONEL	14-16-ML
17	4	NUT	MONEL	14-17-ML
18	1	WIRE SEAL	SS WIRE, LEAD SEAL	22-72-PB
19	1	RETAINER	HASTELLOY C	14-19-HC
20	1	SEAT "O" RING	VITON	10-10-VL
21	1	PLUG "O" RING	VITON	10-11-VL
22	1	FLUE "O" RING	VITON	14-22-VA
23	1	RUPTURE DISC	TANTALUM	SEE TABLE
24	1	FLUE	PLASTIC (!)	14-24-PC
25	-	-	-	-
26	-	-	-	-
27	1	PURGE VALVE	MONEL	17-240-ML
28	1	NAMEPLETE	MONEL	SEE TABLE
29	1	FLANGE GAP FILLER	VITON	14-291-VA
30	-	-	-	-
31	1	PROTECTIVE CAP/CHAIN	POLYETHYLENE/SS	14-31-PE
32	1	RUPTURE DISC HOLDER - TOP FLANGE	MONEL (3)	4378-110-ML
33	1	RUPTURE DISC HOLDER - BOTTOM FLANGE	MONEL (3)	4378-120-ML
34	-	-	-	-
35	6	HEX SOCKET CAP SCREW - MOUNTING	MONEL (3)	4378-113-ML
36	6	HEX SOCKET CAP SCREW - RUPTURE DISC HOLDER	MONEL (3)	4378-112-ML

## Model A-14228-ML & A-14378-ML

Pressure Relief Valve  
June 10, 2020  
(Rev. 1)

