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Tech Note – V300 Purger Ammonia Loss History

Parker Hannifin’s Industrial Refrigeration Division is pleased to announce an enhancement to the popular V300 Rapid Purger; Ammonia Loss History. This function calculates the amount of ammonia lost during a standard purge cycle using a proprietary algorithm developed by Parker. Our engineers worked with live ammonia systems, including our own Broadview Ammonia Test Facility, to develop this algorithm based on real world applications and conditions. The result is that the V300 Rapid Purger can now display the amount of ammonia lost as part of its standard history display.

The Ammonia Loss History can be viewed by week, by day, and by point:

WEEKLY TOTALS			
WEEK	VENTS	TIME	LBS
00	00049	0000:07:30	0000.1
01	00100	0000:43:52	0001.0
02	00250	0000:56:35	0001.4
03	00092	0001:28:10	0002.2
04	00021	0001:07:12	0001.6
05	00115	0000:15:32	0000.3
06	00237	0000:53:32	0001.3
07	00099	0000:05:37	0000.1

Figure 1: Ammonia loss by week

CURRENT WEEK			PG PT:01
DAY	VENTS	TIME	LBS
SUN	026	00:01:06	00.02
MON	015	00:03:17	00.07
TUE	008	00:03:07	00.07
WED	007	00:02:43	00.06
THU	010	00:02:56	00.07
FRI	015	00:01:18	00.03
SAT	008	00:03:06	00.07
TOTAL:	0090	000:17:33	000.39

Figure 2: Ammonia loss by day

The Ammonia Loss History will make compliance and reporting even easier when using a Parker Rapid Purger. For additional information please visit us online at www.ParkerRealSolutions.com/V300 or call us at 800-506-4261.