

Filter Log Sheet

AHU-2

System

Design Pressure Drops Clean .31 + .39 = .7 (From filter data sheet at design flow)
 Dirty 2 (From drawings)

Instructions

1. On a monthly basis on or near the first of the month log the filter bank pressure drop using the shop's 0 - 4 in.w.c. magnehelic gauge. Measure pressures at the plugged holes in the fan casing on each side of the filter.
2. Start a new sheet each time the filters are changed and file the completed form in the equipment maintenance record binder for the system.
3. Coordinate for filter replacement if the pressure drop across the filter bank meets or exceeds the sum of the dirty pressure drops for the filters in the bank as listed on the drawings.
4. For VAV systems increase the fan speed to full speed before documenting the pressure drop. If full speed operation is not possible at the time, note the fan speed in the comments.
5. Visually inspect the filters for major obstructions or signs of collapse or moisture damage. Note any issues observed in the comments and check with the DOE regarding an action that needs to be taken as a result.

Date	Pressure Drop	Initials	Comments
09/01/15	.71	IG	New filters
10/1/15	.71	HS	
10/1/15 10/30/15	.76	HS	
12/01/15	.78	WS	
01/04/16	.8	IG	
2/1/16	.84	ST	
3/1/16	.88	ST	
4/1/2016	.92	ST	
5/2/16	.98	FR	
6/1/16	1.01	FR	
7/1/16	1.03	FR	
8/8/16	1.13	FR	
9/1/16	1.16	ST	
10/03/16	1.22	IG	
11/01/16	1.26	IG	
12/1/2016	1.34	ST	
01/02/17	1.51	FR	
3/1/2017	1.55	ST	
4/3/17	1.67	FR	
5/1/17	1.75	FR	
06/02/17	1.82	IG	
7/6/2017	1.93	ST	
8/1/17 8/1/17	2.03	FR	Change out needed
9/1/2017	2.16	ST	Recycling before change

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Design Pressure Drops	Clean	.7 Total	(From filter data sheet at design flow)
	Dirty	2.0 Total	(From drawings)

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