

MOTORIZED DAMPER (MD) SCHEDULE 15901-01

EQUIPMENT TAGS	AREA SERVED	AIRFLOW CAPACITY	TYPE	NORMAL POSITION	DIMENSIONS		ACTUATOR			REMARKS
					WIDTH	HEIGHT	QTY. (3)	POWER SUPPLY		
					[mm]	[mm]		Volt	Ph	
		L/s								
MD-H004A	Filter Gallery Exhaust	5,660	TP,PB,SP,INS	CLOSE	1000	750	1	115	1	
MD-H013A	Pilot Plant Exhaust	2,642	TP,PB,SP,INS	CLOSE	750	550	1	115	1	
MD-H014A	Residuals Handling Area Exhaust	6,934	TP,PB,SP,INS	CLOSE	1100	800	1	115	1	
MD-H015A	Mechanical Room No. 2 H.R. Intake	6,038	TP,PB,SP,INS	CLOSE	1800	3000	2	115	1	(1)
MD-H015B	Mechanical Room No. 2 H.R. Exhaust	6,038	OB,MD,INS	---	1000	800	1	24	1	(1)
MD-H015C	Mechanical Room No. 2 H.R. Recirculation	6,038	OB,MD	---	900	900	1	24	1	(1)
MD-H023A	Ozone Generator Room Emergency Exhaust	10,660	TP,PB,SP,INS	OPEN	1500	850	1	115	1	(2) (4)
MD-H037A	Polymer Preparation & Feed Room Exhaust	2,358	TP,PB,SP,INS	CLOSE	550	550	1	115	1	
MD-H038A	Peroxide Storage and Feed Room Exhaust	1,038	TP,PB,SP,INS	CLOSE	450	400	1	115	1	
MD-H039A	SBS Storage and Feed Room Exhaust	1,321	TP,PB,SP,INS	CLOSE	500	450	1	115	1	(4)
MD-H041A	Mechanical Room No.3 H.R. Ventilation Exhaust	283	TP,PB,SP,INS	CLOSE	300	300	1	115	1	
MD-H043A	Maintenance Workshop Area Sanitary Exhaust	106	TP,PB,SP,INS	CLOSE	200	200	1	115	1	
MD-H052A	DAF Process Gallery Exhaust	12,877	TP,PB,SP,INS	CLOSE	1600	800	1	115	1	
MD-H063A	Fire Pump Room General Ventilation Intake	448	TP,PB,SP,INS	CLOSE	1200	300	1	115	1	
MD-H063B	Fire Pump Room General Ventilation Exhaust	448	TP,PB,SP,INS	CLOSE	300	300	1	115	1	
MD-H064A	Mechanical Room No.1 H.R. Ventilation Intake	189	TP,PB,SP,INS	CLOSE	400	400	1	115	1	
MD-H064B	Mechanical Room No.1 H.R. Ventilation Exhaust	189	TP,PB,SP,INS	CLOSE	400	400	1	115	1	
MD-H065A	Fire Pump Room H.R. Ventilation Intake	1,509	TP,PB,SP,INS	CLOSE	1200	900	1	115	1	
MD-H065B	Fire Pump Room H.R. Ventilation Exhaust	1,509	TP,PB,SP,INS	CLOSE	600	600	1	115	1	
MD-H067A	Administration Area Elect. Rm Exhaust	189	TP,PB,SP,INS	CLOSE	300	300	1	115	1	
MD-H071A	Administration Area Return Air	1,521	OB,MD	---	450	450	1	24	1	(1)
MD-H071B	Administration Area Exhaust Air	1,521	OB,MD,INS	---	450	450	1	24	1	(1)
MD-H072A	Laboratory Fume Hood Exhaust	189	TP,PB,SP,INS	CLOSE	300	300	1	115	1	
MD-H073B	Administration Area Sanitary Exhaust	731	TP,PB,SP,INS	CLOSE	400	400	1	115	1	
MD-H074A	Mechanical Room No.4 H.R. Ventilation Exhaust	283	TP,PB,SP,INS	CLOSE	300	300	1	115	1	

LEGEND:

OB - OPPOSED BLADE	TP - TWO POSITIONS
PB - PARALLEL BLADE	SR - SPRING RETURN
MD - MODULATING	INS - INSULATED

REMARKS:

- 1 Power and controlled by Building Automation System. All others are powered and controlled by Division 16
- 2 Div 16 to provide control wiring such that damper is energized to close, spring to open.
- 3 Actuator quantities are estimated. The Contractor shall determine the number of actuators required to achieve the specified sequences of operation.
- 4 **Heavy Duty type. Unless otherwise indicated, other dampers are of High Performance type**