



Herrtronic Electrode Steam Unit Selection Chart

The Herrtronic Electronic Steam product line offers a wide variety of options and accessories to meet most design requirements. In order to assemble a total system, the following items must be addressed...

- Available Voltage/Electrical Service
- System Humidification Capacity Requirements
- Desired Installation Configuration
- Control Scheme Options/Signal

The product code example on this page provides an example of how to construct a unit model number. Once the voltage and capacity are determined, the charts on the next page will assist in selecting the proper unit from your price pages. Our base units are not supplied with any controls or distribution accessories. These items must be ordered separately.

A typical system will require a unit, humidistat/humidity transmitter, high limit humidistat, air proving switch, steam dispersion tubes/RDU, and vapor hose. Our Sales and Application staff will be happy to assist in any way to ensure you select the necessary components to meet the job requirements.

Duct mounted systems that require a short evaporative distance may need to incorporate a Hurricane Central Steam manifold design. In this situation, please contact the factory for a custom-designed manifold that will meet the specific job requirements.

For standard replacement parts, please refer to our current Replacement Parts Price List. If you do not find the part you are looking for, please consult our Customer Service department at 1-800-884-0002.

- 6000 Series units have ON/OFF control only and are available at 4 lbs/hr (120V) and 8 lbs/hr (240V) capacities. Single phase voltage only.
- MDM units have the capacity set in 5 lbs./hr increments; MDS & MDD units have the capacity set in 10 lbs./hr increments. Capacity may be reduced in 1 lb/hr increments via changing control system parameters.
- Control signal (if provided by others) required when ordering.
- 277, 380, 600 VAC may be available – consult factory for pricing.

Product Code Example:

MDMP – 240 – 3 – 30

Model Series (MDM, MDS, MDD) _____

Control Option: _____

On/Off = “ ”; Proportional = “P”; Proportional + Integral = “I”

Voltage (208, 240, 380, 440, 480, 600) _____

Phase (1, 3) _____

Maximum Required Steam Capacity (5-250) _____



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MDM Unit Selection							
Voltage	Ph.	5	10	15	20	25	30
208	1	MDM-1					
220	1						
230	1						
240	1						
277	1						
208	3	MDM-3					
220	3						
230	3						
240	3						
380	3						
440	3						
460	3						
480	3						
575	3						
600	3						

Example Model #: MDM-240-3-15

If desired output is 12 lbs/hr, control board must be set to 80% maximum

MDS Unit Selection													
Voltage	Ph.	10	20	30	40	50	60	70	80	90	100		
208/1	1	MDS-1	MDS-3										
220/1	1	MDS-1	MDS-2	MDS-3									
230/1	1	MDS-1	MDS-2	MDS-3									
240/1	1	MDS-1	MDS-2	MDS-3									
277/1	1	MDS-1		MDS-3									
208/3	3	MDS-8		MDS-5	MDS-6	MDS-7							
230/3	3	MDS-8			MDS-5	MDS-6	MDS-7						
240/3	3	MDS-8			MDS-5	MDS-6	MDS-7						
380/3	3	MDS-8			MDS-9		MDS-10	MDS-6					
440/3	3	MDS-8			MDS-9		MDS-10						
460/3	3	MDS-8			MDS-9			MDS-10					
480/3	3	MDS-8			MDS-9				MDS-10				
575/3	3	MDS-8			MDS-9						MDS-10		
600/3	3	MDS-8			MDS-9						MDS-10		

Example Model #: MDS-240-3-70

If desired output is 64 lbs/hr, control board must be set to 91% maximum

MDD Unit Selection																		
Voltage	Ph.	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250		
208	3	MDD-1					MDD-2											
220	3	MDD-1					MDD-2											
230	3	MDD-1					MDD-2											
240	3	MDD-1					MDD-2											
380	3	MDD-3			MDD-4				MDD-1									
440	3	MDD-3				MDD-4							MDD-1					
460	3	MDD-3					MDD-4							MDD-1				
480	3	MDD-3					MDD-4							MDD-1				
575	3	MDD-3										MDD-4						
600	3	MDD-3										MDD-4						

Example Model #: MDD-240-3-200

If desired output is 195 lbs/hr, control board must be set to 98% maximum