

ASM-115

Anti-Sweat Control Module
For Glass Door Walk-in Coolers
And Freezers

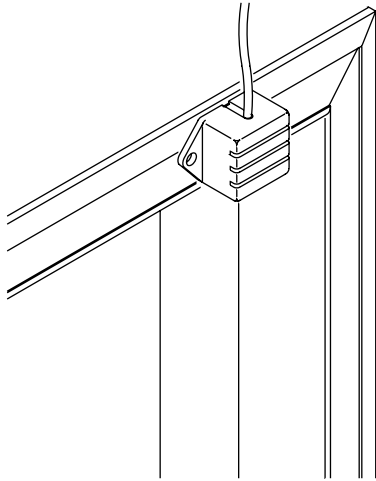


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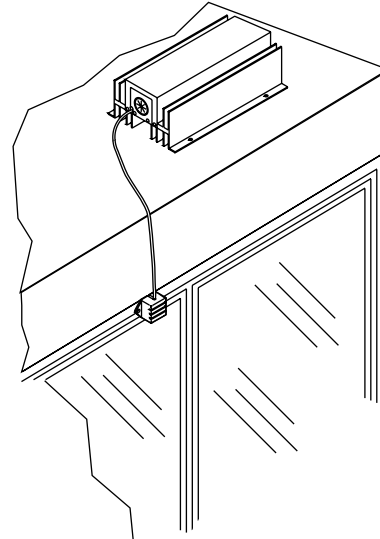
MB MASTER-BILT[®]
™ Refrigeration Solutions

The Master-Bilt ASM-115 Anti-Sweat Control Module is designed to save energy by turning off glass door and frame heaters when no door heat is necessary. A sensor mounted directly to the outside of the door frame is used to modulate the door and frame heaters as needed. The ASM-115, designed to meet California energy standards, only runs heaters when the door surface temperature is below the dew point. With only three wires and one sensor to install, the control is usually up and running in 30 minutes or less. No adjustments are necessary after installation. **The ASM-115 is one of the least expensive anti-sweat modules on the market and typically pays for itself within six months.**

The sensor must be mounted at the coldest spot on the door frame. Doing so should put the sensor directly in front of the electrical connections on the opposite side of the frame.



The body of the ASM-115 is mounted to the walk-in roof or a location that will be free from product stacking and other items that may cause damage.



Estimated Annual Savings In Walk-in Doors And Frames With ASM-115

CITY	HEATER ENERGY SAVINGS	ENERGY COST PER KWHR	DOOR HEATER AMPS												
			6	8	10	12	14	16	18	20	22	24	26	28	30
Amarillo, TX	60.5%	\$0.075	\$378	\$504	\$630	\$756	\$881	\$1007	\$1133	\$1259	\$1385	\$1511	\$1637	\$1763	\$1889
Atlanta, GA	48.8%	\$0.063	\$256	\$341	\$427	\$512	\$597	\$683	\$768	\$853	\$939	\$1024	\$1109	\$1194	\$1280
Boston, MA	65.4%	\$0.106	\$577	\$770	\$962	\$1154	\$1347	\$1539	\$1731	\$1924	\$2116	\$2309	\$2501	\$2693	\$2886
Chicago, IL	65.6%	\$0.062	\$339	\$451	\$564	\$677	\$790	\$903	\$1016	\$1129	\$1242	\$1354	\$1467	\$1580	\$1693
Denver, CO	74.9%	\$0.061	\$380	\$507	\$634	\$761	\$888	\$1014	\$1141	\$1268	\$1395	\$1522	\$1648	\$1775	\$1902
Los Angeles, CA	44.5%	\$0.091	\$337	\$450	\$562	\$674	\$787	\$899	\$1011	\$1124	\$1236	\$1349	\$1461	\$1573	\$1686
Miami, FL	26.0%	\$0.084	\$182	\$242	\$303	\$364	\$424	\$485	\$545	\$606	\$667	\$727	\$788	\$849	\$909
Minneapolis, MN	65.2%	\$0.054	\$293	\$391	\$489	\$586	\$684	\$782	\$879	\$977	\$1075	\$1172	\$1270	\$1368	\$1466
Phoenix, AZ	58.7%	\$0.072	\$352	\$469	\$586	\$704	\$821	\$938	\$1056	\$1173	\$1290	\$1407	\$1525	\$1642	\$1759
Seattle, WA	59.2%	\$0.065	\$320	\$427	\$534	\$641	\$748	\$854	\$961	\$1068	\$1175	\$1281	\$1388	\$1495	\$1602
Tallahassee, FL	38.2%	\$0.083	\$264	\$352	\$440	\$528	\$616	\$704	\$792	\$880	\$968	\$1056	\$1144	\$1232	\$1320

Assumptions: -5°F freezer, .32 efficiency factor for refrigeration, 90% of anti-sweat heat goes into the freezer.
 Chart data based on field testing using Anthony model 101 doors. Different brand doors will yield similar results.



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