Mechanical HVAC pricelist

Air Handlers (Furnace)	Unit of Measure	Material Cost	Labor Cost	Total
Site Built Air Handlers				
90%-94% AFUE (Nat/Gas, Propane) Air handler	Per Job			
95% + AFUE (Nat/Gas, Propane) Air handler	Per Job			
Licensed contractors for Michigan WAP furnace installations in site-built homes must strictly comply with NREL's Standard Work Specifications (SWS) and all applicable building codes, obtaining necessary permits. ideally ENERGY STAR levels (90% for natural gas/Propane) and feature high-efficiency ECMs with minimal air leakage. Installations require precise sizing, proper connections, comprehensive air sealing, and strict health and safety adherence, with all work subject to Quality Control Inspection, aligning with the program's continuous adaptation to evolving energy efficiency standards, including those anticipated by 2025.				
Mobile Home Air Handlers				
90-94% AFUE (Nat/Gas, Propane) Air Handler	Per Job			
95% + AFUE (Nat/Gas, Propane) Air Handler	Per Job			
For Michigan WAP mobile home furnace installations, licensed contractors must adhere to NREL's Standard Work Specifications (SWS) and all applicable codes, securing necessary permits. Furnaces must meet the 90% AFUE minimum, ideally ENERGY STAR levels, and feature high-efficiency ECMs with minimal cabinet air leakage. Crucially, contractors must comprehensively seal the furnace plenum and main duct run, often requiring access from the underbelly, and ensure the air handler is level, stable, properly braced, and securely supported at its base. All work is subject to a Quality Control Inspection to verify compliance and occupant safety.				

Measure Description	Unit of Measure	Material Cost	Labor Cost	
Thermostats				
Install Smart Thermostat	Each	$	$	$ -
Prog Thermostat	Each	$	$	$ -
Duct Sealing & Insulation	Sq. Foot			$ -
Duct Sealing (Mastic/tape)	Sq. Foot	$	$	$ -
Duct Insulation	Sq. Foot	$	$	$ -
Insulated Flex Duct - 4"	LF	$	$	$ -
Insulated Flex Duct - 6"	LF	$	$	$ -
Insulated Flex Duct - 8"	LF	$	$	$ -
Round Duct Insulation - 4"	LF	$	$	$ -
Round Duct Insulation - 6"	LF	$	$	$ -
Round Duct Insulation - 8"	LF	$	$	$ -

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Ventilation Systems				
Mechanical Ventilation System				
Bath Fan - ASHRAE 62.2 compliant (Adj **w/Light** & Motion Sensor 50/80/110 CFM, <1 sone)	PKG	$	$	$
Bath Fan - ASHRAE 62.2 compliant (Adj w/Motion Sensor **(no light)** 50/80/110 CFM, <1 sone)	PKG	$	$	$
Inline Ashrae Solution	PKG	$	$	$
Range Hood Ashrae solution	PKG	$	$	$
Central Ductwork tied Ashrae Solution	PKG			
ERV	PKG			
*Ashrae must comply to **MIWxfg 2021, 9.2 (Standard 62.2 ventilation)**. SWS Detail: 6.0201.1 Surface Mounted; 6.0201.2 Kitchen Range Hoods; 6.0201.3 Inline and Multiport Fans; 6.0302.1 Individual Exhaust Fan Serving Entire Dwelling; 6.0302.2.*				
Water Heater Measures				
Water Heater Replacement				
Gas Tank Power-vent 40 Gallon	Each	$	$	$ -
Gas Tank Power-vent 50 Gallon	Each	$	$	$ -
HUD/MH Gas Direct Vent 30 Gallon	Each	$	$	$ -
HUD/MH Gas Direct Vent 40 Gallon	Each	$	$	$ -
Electric Tank 40 Gallon	Each	$	$	$ -
Electric Tank 50 Gallon	Each	$	$	$ -
HUD Electric 40 Gallon	Each	$	$	$ -
Pipe Insulation - 6ft from cold/hot piping	Each	$	$	$ -
TPR Valve replacement	Each	$	$	$ -
TPR Discharge Pipe for Mobile homes	Each	$	$	$ -
Chimney Liners				
Chimney Liner 1 story	Each	$	$	$ -
Chimney Liner 2 Story	Each	$	$	$ -
Chimney Cap	Each	$	$	$ -

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Miscellaneous HVAC/Plumbing Components				
Clean and Tune air handler	Each	$	$	$ -
Extra Cost to remove A-Coil and recover/replace freon on central air unit for clean and tune	Each	$	$	$ -
Condensate Pump and tubing	Each	$	$	$ -
Black Pipe - 1" Including Fittings	LF	$	$	$ -
Black Pipe - 1/2" Including Fittings	LF	$	$	$ -
Black Pipe - 3/4" Including Fittings	LF	$	$	$ -
Gas App Conn up to 48" - 1/2" connector kit	Each	$	$	$ -
Gas App Conn up to 48" - 3/4" connector kit	Each	$	$	$ -
Gas Shut Off Valve replacement	Each	$	$	$ -
Drip Leg/Sediment Trap	Each	$	$	$ -
Floor Registers - 6" X 10"	Each	$	$	$ -
Floor Registers - 6" X 12"	Each	$	$	$ -
Flat Wall Return Grille - 20" X 20"	Each	$	$	$ -
Flat Wall Return Grille - 20" X 25"	Each	$	$	$ -
Floor Return Grille - 16" X 16"	Each	$	$	$ -
Floor Return Grille - 20" X 20"	Each	$	$	$ -
Transfer Grille - 14" X 20" (per pair)	Each Pair	$	$	$ -
Transfer Grille - 16" X 16" (per pair)	Each Pair	$	$	$ -
Transfer Grille - 20" X 20" (per pair)	Each Pair	$	$	$ -
Furnace Filter replacement	Each	$	$	$ -
Filter Rack Cover - Metal Fabricated	Each	$	$	$ -
Filter Rack Cover - Magnetic	Each	$	$	$ -
Blower Motor	Each	$	$	$ -
Burner Assembly (Furnace/Boiler)	Each	$	$	$ -
Draft Inducer Motor	Each	$	$	$ -
High Limit Switch	Each	$	$	$ -
Hot Surface Ignitor	Each	$	$	$ -
Mother Board	Each	$	$	$ -
Pilot Assembly Kit	Each	$	$	$ -

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Pressure Switch	Each	$	$	$ -
Spark Ignitor	Each	$	$	$ -
Recover and Recharge AC	Each	$	$	$ -
Plumb AC condensate to open air (mobile home)	Each	$	$	$ -
Remove Unvented Space Heater	Each	$	$	$ -
Hourly Rate to do Mechanical repairs	HR		$	$ -