

Minimum Efficiencies

These tables outline the minimum efficiency requirements for program eligibility. See additional program terms on page 3.

Electric Equipment

Effective as of February 1, 2024

Unitary Air Conditioners		Test standard: AHRI 210/240 for equipment <5.4; AHRI 340/360 for equipment ≥5.4 tons			
Equipment	Size Category	Minimum EER/EER2		Minimum SEER/SEER2/IEER	Tier
Unitary AC or HP	<65 kBtuh (<5.4 Tons)	12.0 EER/ 11.4 EER2	and	15 SEER/14.3 SEER2	1
			and	16 SEER/15.2 SEER2	2
			and	17 SEER/16 SEER2	3
	≥65 kBtuh and <135 kBtuh (≥5.4 Tons and <11.3 Tons)	11.5 EER	and	15.4 IEER	1
			and	18 IEER	2
			and	21 IEER	3
	≥135 kBtuh and <240 kBtuh (≥11.3 Tons and <20 Tons)	11.4 EER	and	14.8 IEER	1
			and	16.5 IEER	2
			and	18.5 IEER	3
	≥240 kBtuh and <760 kBtuh (≥20 Tons and <63.3 Tons)	10.1 EER	and	14 IEER	1
			and	15 IEER	2
			and	16.5 IEER	3
	≥760 kBtuh (≥63.3 Tons)	9.7 EER	and	12.5 IEER	1
			and	13.5 IEER	2
			and	16 IEER	3

Ductless Mini and Multi-Split Systems						
Equipment	Size Category	Minimum EER/EER2		Minimum SEER/SEER2	Minimum HSPF/HSPF2*	Tier
Ductless Mini and Multi-Split, Air-Cooled AC or HP	Mini/Multi-Split AC/HP in Server Room	10.8/10.3	and	16/15.2	8.8/7.5	1
			and	20/19	8.8/7.5	2
			and	24/23	8.8/7.5	3
	Mini/Multi-Split AC/HP	10.8/10.3	and	16/15.2	8.8/7.5	1
			and	20/19	8.8/7.5	2
			and	24/23	8.8/7.5	3

Water Source Heat Pumps		Test standard: ANSI/AHRI/ASHRAE ISO 13256-1:1998			
Equipment	Installation Type	Minimum EER		Minimum COP	Tier
Water Source HP	Water Loop Only	14.0 EER	and	4.3 COP	1
		15.0 EER	and	4.3 COP	2
		16.0 EER	and	4.3 COP	3

Air-Cooled Chillers			Test standard: AHRI 550/590	
Equipment	Minimum EER		Minimum IPLV	Tier
Air-Cooled Chillers	10.1 EER	and	15.0 IPLV	1
		and	16.0 IPLV	2
		and	18.0 IPLV	3

*Heat Pumps only

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Water-Cooled Chillers - Path A					Test standard: AHRI 550/590
Equipment	Size Category	Path	Minimum FLV		Minimum IPLV
Water-Cooled Screw Chillers	<75 Tons	Path A	<0.75 FLV	and	<0.6 IPLV
	≥75 Tons and <150 Tons	Path A	<0.66 FLV	and	<0.54 IPLV
	≥150 Tons and <300 Tons	Path A	<0.56 FLV	and	<0.5 IPLV
	≥300 Tons and <600 Tons	Path A	<0.61 FLV	and	<0.55 IPLV
	≥600 Tons	Path A	<0.56 FLV	and	<0.5 IPLV
Water-Cooled Centrifugal Chillers	<75 Tons	Path A	<0.78 FLV	and	<0.5 IPLV
	≥75 Tons and <150 Tons	Path A	<0.68 FLV	and	<0.44 IPLV
	≥150 Tons and <300 Tons	Path A	<0.59 FLV	and	<0.38 IPLV
	≥300 Tons and <600 Tons	Path A	<0.64 FLV	and	<0.4 IPLV
	≥600 Tons	Path A	<0.59 FLV	and	<0.38 IPLV

Water-Cooled Chillers - Path B					Test standard: AHRI 550/590
Equipment	Size Category	Path	Minimum FLV		Minimum IPLV
Water-Cooled Screw Chillers	<75 Tons	Path B	<0.72 FLV	and	<0.56 IPLV
	≥75 Tons and <150 Tons	Path B	<0.61 FLV	and	<0.52 IPLV
	≥150 Tons and <300 Tons	Path B	<0.61 FLV	and	<0.55 IPLV
	≥300 Tons and <600 Tons	Path B	<0.56 FLV	and	<0.52 IPLV
	≥600 Tons	Path B	<0.56 FLV	and	<0.5 IPLV
Water-Cooled Centrifugal Chillers	<75 Tons	Path B	<0.75 FLV	and	<0.49 IPLV
	≥75 Tons and <150 Tons	Path B	<0.63 FLV	and	<0.41 IPLV
	≥150 Tons and <300 Tons	Path B	<0.7 FLV	and	<0.44 IPLV
	≥300 Tons and <600 Tons	Path B	<0.6 FLV	and	<0.39 IPLV
	≥600 Tons	Path B	<0.59 FLV	and	<0.38 IPLV

Packaged Terminal Air Conditioners (PTAC) / Packaged Terminal Heat Pumps (PTHP)					Test standard: AHRI 310/380
Equipment	Minimum EER			Minimum COP	
PTAC	13.1 EER	and		-	
	11.8 EER	and		-	
	10.5 EER	and		-	
PTHP	13.1 EER	and		3.6 COP	
	11.8 EER	and		3.5 COP	
	10.5 EER	and		3.4 COP	

Dual Enthalpy Economizer Control (When Installed With New Qualifying Equipment)	
Equipment	
Outside Air Economizer utilizing 2 enthalpy sensors	

Clean Water Pumps			Test standard: Appendix A to Subpart Y of Part 431, Title 10
Measure Description	Maximum Qualifying PEI	Pump Size Range	
Constant Speed to Constant Speed Replacement	<0.96	≥1 HP and ≤50 HP	
		>50 HP and ≤200 HP	
Variable Speed to Variable Speed Replacement	<0.49	≥1 HP and ≤50 HP	
		>50 HP and ≤200 HP	

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Variable Refrigerant Flow (VRF) Systems							Test standard: AMCA 208-18
Equipment	Size Category	Min. EER		Min. IEER		Min. COP	
Air-Cooled VRF	≥65 kBtuh and <135 kBtuh (≥5.4 Tons and <11.3 Tons)	11.5	and	20.0	and	3.4	
	≥135 kBtuh and <240 kBtuh (≥11.3 Tons and <20 Tons)	11.0	and	18.0	and	3.3	
	≥240 kBtuh (≥20 Tons)	9.6	and	18.0	and	3.3	
Water-Cooled VRF	≥65 kBtuh and <135 kBtuh (≥5.4 Tons and <11.3 Tons)	12.5	and	22.0	and	4.4	
	≥135 kBtuh and <240 kBtuh (≥11.3 Tons and <20 Tons)	11.0	and	20.0	and	4.2	
	≥240 kBtuh (≥20 Tons)	11.0	and	17.0	and	4.0	

High Volume, Low Speed (HVLS) Fans	
Equipment	Fan Blade Diameter Range
HVLS Fans	≥8 ft and <12 ft
	≥12 ft and <16 ft
	≥16 ft

Standalone Fans				Test standard: AMCA 208-18
Fan Type	Fan Motor Power	Minimum FEI	Tier	
Standalone Ducted Fan* or Power Roof Ventilator (unducted)	<56 kW	1.25	1	
		1.40	2	
	≥56 kW	1.30	1	
		1.40	2	

*Including axial cylindrical housed, centrifugal housed, inline and mixed flow, and radial

Gas Equipment

Boilers			Test standard: 10 CFR Part 431
Equipment	Size Category	Required Efficiency	
Condensing Boilers	≤2,500 MBtuh	Thermal Efficiency ≥90%	
Domestic Hot Water Boilers/Volume Water Heaters	All	Thermal Efficiency ≥90%	

Water Heaters			Test standard: ANSI Z21.10.3 (storage); DOE 10 CFR Pt 430 (instantaneous)
Equipment	Input Rating	Required Efficiency	
Storage Water Heaters	≥75 MBtuh	Thermal Efficiency ≥94%	
Instantaneous Water Heaters	<200 MBtuh	Energy Factor ≥0.94 or UEF ≥0.91	
Indirect Water Heaters	N/A	N/A	

Additional Terms

Equipment Ratings:

Water-cooled equipment and chillers should be tested using 100% water (no glycol).

Equipment capacity is AHRI rated capacity or design capacity at AHRI rating conditions for units without an AHRI rating. New equipment must be accompanied by a cut sheet or other documentation including:

- EER @ AHRI Conditions (sea level)
- SEER/IEER/IPLV @ AHRI Conditions
- Design Capacity @ AHRI Conditions

Customer Eligibility:

Non-residential gas customers served by DTE Energy are eligible for gas equipment discounts, and non-residential electric customers are eligible for electric equipment discounts. Some multifamily housing may be eligible for discounts.

Participating Distributors

Distributor	Address	Phone	Website
Access Michigan	23400 Commerce Dr, Farmington Hills, MI	248.616.9200	access-mi.com
Advance Plumbing and Heating Supply	1977 E West Maple Rd, Walled Lake, MI	248.669.7474	advanceplumbing.com
Airtech Equipment	3523 Lousma Dr SE, Grand Rapids, MI	616.534.0032	airtechequipment.com
Alpena Supply Co./Great Lakes Pipe & Supply	901 Dickerson Rd, Gaylord, MI	989.732.5600	alpenasupply.weebly.com
APCO Inc. (Michigan Temperature Supply)	5511 Enterprise Dr, Lansing, MI	517.882.9877	apcoinc.com/mitempsupply.html
Balfrey & Johnston Inc.	13050 Northend Ave, Oak Park, MI	313.864.2800	balfrey-johnston.com
Cadillac Plumbing and Heating Supply	320 S Mitchell St, Cadillac, MI	231.775.2479	-
Carr Supply	35301 Schoolcraft Rd, Livonia, MI	734.550.0660 800.229.7883	carrsupply.com
Carrier Great Lakes	33601 Schoolcraft Rd, Livonia, MI	734.522.5000	carriergreatlakes.com
Dean Boiler	1824 Three Mile Rd NW, Grand Rapids, MI	616.784.2696	deanboiler.com
DJ Conley & Associates	2694 Elliott Dr, Troy, MI	248.589.8220	djconley.com
Downriver Refrigeration Supply	38170 Executive Dr North, Westland, MI	734.728.0795	downriversupply.com
Emerson Swan, Inc.	37000 Plymouth Rd, Livonia, MI 48150	734.346.7926	emersonswan.com
ETNA Supply Co.	2158 Gratiot Ave, Detroit, MI	616.241.5414	etnasupply.com
Ferguson	55500 Grand River Ave, New Hudson, MI	248.437.5109	ferguson.com
Fontanesi & Kann Co.	10777 Northend Ave, Ferndale, MI	810.653.9454	ezhvac.com
Gardiner	31200 Bainbridge Rd, Solon, OH	440.248.3400	whgardiner.com
Griffin International	46420 Continental Ave, Chesterfield, MI	586.948.2700	griffininternational.com
Hedrick Associates	2360 Oak Industrial Dr NE, Grand Rapids, MI	616.454.1218	hedrickassoc.com
Hydronic Supply & Engineering	2615 Burdette, Ferndale, MI	248.336.6100	hydronicsupply.com
JOC Sales	1200 W 13 Mile Rd, Madison Heights, MI	248.646.6680	jocsales.com
Johnson Controls – Auburn Hills	2875 High Meadow Cir, Auburn Hills, MI	248.276.6000	johnsoncontrols.com
Johnstone Supply – Detroit	12800 Lyndon St, Detroit, MI	734.995.3500	johnstonesupply.com
Johnstone Supply – Muskegon	1840 Industrial Blvd, Muskegon, MI	231.777.2727	johnstonesupply.com
Lennox – National Accounts	Richardson, TX	800.953.6669	lennoxpros.com
Michigan Air Products	1185 Equity Dr, Troy, MI	248.837.7000	michiganair.com
Munch's Supply	32713 Schoolcraft Rd, Livonia, Michigan	734.742.5350	munchsupply.com
New Century Sales	550 36th St SE, Grand Rapids, MI	248.960.1147	newcenturysales.com
PECO (Process Engineering & Equipment)	1705 Northridge Dr NW, Grand Rapids, MI	616.784.7636	pecopage.com
Performance Engineering Group, Inc.	32995 Industrial Rd, Livonia, MI	734.266.5300	performanceengineering.com
Quality Water & Air WBE	1402 Souter Blvd, Troy, MI	248.589.8010	qualitywaterair.com
R.A. Townsend Company	1100 N Bagley St, Alpena, MI	989.354.3105	ratownsend.com
R.L. Deppmann	46575 Magellan Dr, Novi, MI	800.589.6120	deppmann.com
Richards Plumbing & Heating Supply	400 Mart St SW, Wyoming, MI	616.247.0965	richardsplumbing.com
The Macomb Group	6600 E 15 Mile Rd, Sterling Heights, MI	586.274.4100	macombgroup.com
ThermalNetics, Inc.	3955 Pinnacle Ct, Auburn Hills, MI	248.276.3300	thermalnetics.com
Trane U.S. – Detroit	37001 Industrial Rd, Livonia, MI	240.847.5623	trane.com
Trane U.S. – Toledo, OH	1001 Hamilton Dr, Holland, OH	844.807.1264	trane.com
Williams Distributing	658 Richmond NW, Grand Rapids, MI	616.456.1613	wmsdist.com
York – National Accounts	5005 York Dr, Norman, OK	800.481.9738	york.com
Young Supply Company	52000 Sierra Dr, Chesterfield, MI	586.948.4400	youngsupply.com