

Ductless Heating and Cooling Systems

PREFERRED PRODUCT LIST

The NW Ductless Heat Pump Project has created a Preferred Product List of ductless heat pump systems as a resource for contractors, utilities, and consumers. In order to be included on the Preferred Product List, each system must meet the following criteria:

- Product meets program equipment qualification requirements as a split system heat pump employing inverter-driven outdoor compressor units, with inverter-driven or variable speed indoor blowers.
- Product is available for purchase in the Pacific Northwest and is supported by a supply chain that provides access to repair parts and services.
- Product manufacturer offers installation training and technical support to regional installation contractors.
- Product is certified by the Air-Conditioning, Heating, and Refrigeration Institute.
- Manufacturer installation manual and homeowner operation guide accompanying product must provide clear and concise information.
- Product manufacturer provides the program with technical specifications and installation manuals for each product.

Technical specifications must, at a minimum, include the following:

- List of indoor unit and outdoor unit compatibility for each product line.
- Refrigerant line procedures, including maximum allowable line length, the length of line accommodated by the manufacturer's refrigerant pre-charge, and the additional or removal of refrigerant.

As system technology evolves and new products are released, the Preferred Product List will be updated with additional products meeting the above criteria.

Tax Credit Qualifying Models
HSPF: Heating Seasonal Performance Factor
SEER: Seasonal Energy Efficiency Ratio
EER: Energy Efficiency Ratio

Manufacturer Name	Outdoor Model	Outdoor Model Size in Tons	Indoor Model	Indoor Model Size in Tons	# of Indoor Units Outdoor Unit Will Support	HSPF	SEER	EER	Fed. Tax Credit Qualified
Daikin	RX09FVJU	0.75	FTXS09DVJU	0.75	1	7.7	13	10	No
Daikin	RXG09HVJU	0.75	FTXG09HVJU	0.75	1	11	22	15.8	Yes
Daikin	RXS09DVJU	0.75	FTXS09DVJU	1	1	8.8	16	11	No
Daikin	RX12FVJU	1	FTXS12DVJU	1	1	7.7	13	8.5	No
Daikin	RXG12HVJU	1	FTXG12HVJU	1	1	10.6	22	14	Yes
Daikin	RXS12DVJU	1	FTXS12DVJU	1	1	8.8	16	9.3	No
Daikin	RX15FVJU	1.25	FTXS15DVJU	1.25	1	7.7	13	11	No
Daikin	RXG15HVJU	1.25	FTXG15HVJU	1.25	1	10	21	12.9	Yes
Daikin	RXS15DVJU	1.25	FTXS15DVJU	1.25	1	10.1	17	12.2	Yes
Daikin	RX18FVJU	1.5	FTXS18HVJU	1.5	1	7.7	13	10.3	No
Daikin	RX18FVJU	1.5	FTXS18DVJU	1.5	1	7.7	13	10.3	No
Daikin	RXS18DVJU	1.5	FTXS18DVJU	1.5	1	9.1	16.3	11.3	No
Daikin	2MXS18GVJU	1.5	CTXS09HVJU	0.75	2	9.2	19.5	12.6	Yes
Daikin	2MXS18GVJU	1.5	CTXS09GVJU	0.75	2	9.2	19.5	12.6	Yes
Daikin	RX24FVJU	2	FTXS24DVJU	2	1	7.7	13	8.5	No
Daikin	RX24FVJU	2	FTXS24HVJU	2	1	7.7	13	8.5	No
Daikin	RXS24DVJU	2	FTXS24DVJU	2	1	9.2	15	9.3	No
Daikin	RXS24DVJU	2	FTXS24HVJU	2	1	9.2	15	9.3	No
Daikin	4MXS32GVJU	2.5	CTXS12HVJU	1	4	9.3	17.2	10.3	No
Daikin	4MXS32GVJU	2.5	FTXS18HVJU	1.5	4	9.3	17.2	10.3	No
Daikin	4MXS32GVJU	2.5	CTXS09GVJU	0.75	4	9.3	17.2	10.3	No
Daikin	4MXS32GVJU	2.5	CTXS09HVJU	0.75	4	9.3	17.2	10.3	No

Manufacturer Name	Outdoor Model	Outdoor Model Size in Tons	Indoor Model	Indoor Model Size in Tons	# of Indoor Units Outdoor Unit Will Support	HSPF	SEER	EER	Fed. Tax Credit Qualified
Daikin	4MXS32GVJU	2.5	FTXS09DVJU	0.75	4	9.3	17.2	10.3	No
Daikin	4MXS32GVJU	2.5	CTXS12GVJU	1	4	9.3	17.2	10.3	No
Daikin	4MXS32GVJU	2.5	CTXS12HVJU	1	4	9.3	17.2	10.3	No
Daikin	4MXS32GVJU	2.5	FTXS15DVJU	1.25	4	9.3	17.2	10.3	No
Daikin	4MXS32GVJU	2.5	FTXS15HVJU	1.25	4	9.3	17.2	10.3	No
Daikin	4MXS32GVJU	2.5	FTXS18DVJU	1.5	4	9.3	17.2	10.3	No
Daikin	RXS36HVJU	3	FTXS36HVJU	3	1	8.3	16.2	8.35	No
Fujitsu	AOU9RLQ	0.75	ASU9RLQ	0.75	1	11	21	13.4	Yes
Fujitsu	AOU9RLS	0.75	ASU9RLS	0.75	1	12	26	17.3	Yes
Fujitsu	AOU9RL	0.75	ASU9RL	0.75	1	10	20	12.3	Yes
Fujitsu	AOU12RLQ	1	ASU12RLQ	1	1	10.5	21	12.5	Yes
Fujitsu	AOU12RLS	1	ASU12RLS	1	1	12	25	14.5	Yes
Fujitsu	AOU15RLQ	1.25	ASU15RLQ	1.25	1	10	20	12.5	Yes
Fujitsu	AOU18RL	1.5	ASU18RL	1.5	1	10	19	10.4	No
Fujitsu	AOU18RLQ	1.5	ASU18RLQ	1.5	1	10	19	10.4	No
Fujitsu	AOU18RLX	1.5	ABU18RULX	1.5	1	8.5	16	10.9	No
Fujitsu	AOU18RLXS	1.5	ASU18RLXS	1.5	1	10	19.2	13	Yes
Fujitsu	AOU24RL	2	ASU24RL	2	1	10	17	10.5	No
Fujitsu	AOU24RLQ	2	ASU24RLQ	2	1	10	18	10.5	No
Fujitsu	AOU24RLX	2	ABU24RULX	2	1	8.5	15	9.85	No
Fujitsu	AOU24RLXQ	2	ASU24RLXQ	2	1	10	17	11.1	No
Fujitsu	AOU24RLXS	2	ASU24RLXS	2	1	10	18	12.5	Yes
Fujitsu	AOU24RML1	2	AUU12RML	1	2	9	16.5	10.4	No
Fujitsu	AOU24RML1	2	ASU9RMLQ	0.75	2	9	16.5	12.2	No
Fujitsu	AOU24RML1	2	AUU18RML	1.5	2	9	16.5	10.4	No
Fujitsu	AOU24RML1	2	ASU12RMLQ	1	2	9	16.5	10.4	No
Fujitsu	AOU24RML1	2	ASU18RMLQ	1.5	2	9	16.5	10.4	No
Fujitsu	AOU24RML1	2	AUU9RML	0.75	2	9	16.5	10.4	No
Fujitsu	AOU30RLXQ	2.5	ASU30RLXQ	2.5	1	9.5	15	7.9	No
Fujitsu	AOU36RLX	3	ABU36RSLX	3	1	8.5	14	8.05	No
Fujitsu	AOU36RML1	3	ASU18RMLQ	1.5	4	9	15	8.8	No
Fujitsu	AOU36RML1	3	AUU9RML	0.75	4	9	15	8.8	No
Fujitsu	AOU36RML1	3	AUU12RML	1	4	9	15	8.8	No
Fujitsu	AOU36RML1	3	ASU9RMLQ	0.75	4	9	15	8.8	No
Fujitsu	AOU36RML1	3	AUU18RML	1.5	4	9	15	8.8	No
Fujitsu	AOU36RML1	3	ASU12RMLQ	1	4	9	15	8.8	No
LG	LAU095HV	0.75	LAN095HV	0.75	1	9.5	19.2	13.3	Yes
LG	LAU125HV	1	LAN125HV	1	1	9.5	18.6	10.7	No
LG	LAU185HV	1.5	LAN185HV	1.5	1	8.2	16.2	10.8	No
LG	LAU245HV	2	LAN245HV	2	1	8.2	16.2	9.6	No
LG	LSU305HV	2.25	LSN305HV	2.25	1	7.8	16	9	No
Mitsubishi	MUZA09NA	0.75	MSZA09NA	0.75	1	8.2	17	13	No
Mitsubishi	MUZFD09NA	0.75	MSZFD09NA	0.75	1	10	23	13.8	Yes
Mitsubishi	MUZFE09NA	0.75	MSZFE09NA	0.75	1	10	26	15.5	Yes
Mitsubishi	MUZGE09NA	0.75	MSZGE09NA	0.75	1	10	21	13.6	Yes
Mitsubishi	MUZA12NA	1	MSZA12NA	1	1	8.2	17	10.3	No
Mitsubishi	MUZFD12NA	1	MSZFD12NA	1	1	10.6	22	12.5	Yes
Mitsubishi	MUZFE12NA	1	MSZFE12NA	1	1	10.5	23	12.9	Yes
Mitsubishi	MUZGE12NA	1	MSZGE12NA	1	1	10	20.3	12.5	Yes
Mitsubishi	MUZA15NA	1.25	MSZA15NA	1.25	1	8.2	16	8.9	No
Mitsubishi	MUZA17NA	1.25	MSZA17NA	1.25	1	8.2	16	7.8	No
Mitsubishi	MUZGE15NA	1.25	MSZGE15NA	1.25	1	10	21	13	Yes
Mitsubishi	MUZGE18NA	1.5	MSZGE18NA	1.5	1	10	19.2	10.5	No
Mitsubishi	PUZA18NHA(-BS)	1.5	PKAA18GA(L)	1.5	1	8.3	14.1	8	No
Mitsubishi	MXZ2A20NA	1.5	MSZA17NA	1.25	2	8.5	16	9.3	No

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Mitsubishi	MXZ2A20NA	1.5	MSZFE12NA	1	2	8.5	16	9.3	No
Mitsubishi	MXZ2A20NA	1.5	MSZA09NA	0.75	2	8.5	16	9.3	No
Mitsubishi	MXZ2A20NA	1.5	MSZFE09NA	0.75	2	8.5	16	9.3	No
Mitsubishi	MXZ2A20NA	1.5	MSZA12NA	1	2	8.5	16	9.3	No
Mitsubishi	MXZ2A20NA	1.5	MSZFD12NA	1	2	8.5	16	9.3	No
Mitsubishi	MXZ2A20NA	1.5	MSZA15NA	1.25	2	8.5	16	9.3	No
Mitsubishi	MXZ2B20NA	1.5	MSZGE12NA	1	2	8.9	18	12	No
Mitsubishi	MXZ2B20NA	1.5	MSZFD09NA	0.75	2	8.9	18	12	No
Mitsubishi	MXZ2B20NA	1.5	MSZFE12NA	1	2	8.9	18	12	No
Mitsubishi	MXZ2B20NA	1.5	MSZFD12NA	1	2	8.9	18	12	No
Mitsubishi	MXZ2B20NA	1.5	MSZFE09NA	0.75	2	8.9	18	12	No
Mitsubishi	MXZ2B20NA	1.5	MSZGE09NA	0.75	2	8.9	18	12.5	Yes
Mitsubishi	MXZ2B20NA	1.5	MSZGE15NA	1.25	2	8.9	18	12	No
Mitsubishi	MUZA24NA	2	MSZA24NA	2	1	8.2	16	7.6	No
Mitsubishi	PUZA24NHA(-BS)	2	PKAA24FA(L)	2	1	8.5	13.5	9.1	No
Mitsubishi	MXZ3A30NA	2.25	MSZA24NA	2	3	10	16	8.7	No
Mitsubishi	MXZ3A30NA	2.25	MSZA09NA	0.75	3	10	16	8.7	No
Mitsubishi	MXZ3A30NA	2.25	MSZD30NA	2.5	3	10	16	8.7	No
Mitsubishi	MXZ3A30NA	2.25	MSZA12NA	1	3	10	16	8.7	No
Mitsubishi	MXZ3A30NA	2.25	MSZFD09NA	0.75	3	10	16	8.7	No
Mitsubishi	MXZ3A30NA	2.25	MSZA15NA	1.25	3	10	16	8.7	No
Mitsubishi	MXZ3A30NA	2.25	MSZFD12NA	1	3	10	16	8.7	No
Mitsubishi	MXZ3A30NA	2.25	MSZA17NA	1.5	3	10	16	8.7	No
Mitsubishi	MUZD30NA	2.5	MSZD30NA	2.5	1	8.2	14.5	8	No
Mitsubishi	PUZA30NHA(-BS)	2.5	PKAA30FA(L)	25	1	8.5	13	6.8	No
Mitsubishi	MUZD36NA	2.75	MSZD36NA	2.75	1	8.2	14.5	7.6	No
Mitsubishi	PUZA36NHA(-BS)	3	PKAA36FA(L)	3	1	7.7	13.1	6.8	No
Mitsubishi	PUZHA36NHA	3	PKAA36FA(L)	3	1	9.4	16	11.6	No
Mitsubishi	PUZHA36NHA	3	PLAA36BA	3	1	7.7	16	11.5	No
Mitsubishi	MXZ4A36NA	3	MSZD30NA	2.5	4	8.5	16	9.4	No
Mitsubishi	MXZ4A36NA	3	MSZA12NA	1	4	8.5	16	9.4	No
Mitsubishi	MXZ4A36NA	3	MSZD36NA	2.75	4	8.5	16	9.4	No
Mitsubishi	MXZ4A36NA	3	MSZA15NA	1.25	4	8.5	16	9.4	No
Mitsubishi	MXZ4A36NA	3	MSZA17NA	1.5	4	8.5	16	9.4	No
Mitsubishi	MXZ4A36NA	3	MSZA24NA	2	4	8.5	16	9.4	No
Mitsubishi	MXZ4A36NA	3	MSZA09NA	0.75	4	8.5	16	9.4	No
Sanyo	CH0971	0.75	09KHS71	0.75	1	8.5	16	12.5	Yes
Sanyo	CH1271	1	12KHS71	1	1	9.3	17	10.9	No
Sanyo	CH1872	1.5	18KHS72	1.5	1	10	20	11.7	No
Sanyo	CMH1972	1.75	KMHS0972	0.75	3	8.8	16.4	12.7	Yes
Sanyo	CMH1972	1.75	KMHS1272	1	3	8.8	16.4	12.7	Yes
Sanyo	CMH1972	1.75	KMHS1872	1.5	3	8.8	16.4	12.7	Yes
Sanyo	CMH1972	1.75	KMHS0772	0.5	3	8.8	16.4	12.7	Yes
Sanyo	CH2472	2	24KHS72	2	1	8.5	17	10.3	No
Sanyo	CH2672R	2	26KHHS72R	2	1	9	15.9	8.8	No
Sanyo	CH2672R	2	26KHS72R	2	1	9.3	14.9	8.9	No
Sanyo	CMH2472	2	KMHS2472	2	4	8.4	16.5	11.4	No
Sanyo	CMH2472	2	KMHS0772	0.5	4	8.4	16.5	11.4	No
Sanyo	CMH2472	2	KMHS0972	0.75	4	8.4	16.5	11.4	No
Sanyo	CMH2472	2	KMHS1272	1	4	8.4	16.5	11.4	No
Sanyo	CMH2472	2	KMHS1872	1.5	4	8.4	16.5	11.4	No
Sanyo	CH3072R	2.5	30KHS72R	2.5	1	9	15	8.1	No
Sanyo	CH3672R	2.5	36KHS72R	2.5	1	8.8	15.9	8.3	No
Sanyo	CMH3172	2.5	KMHS1872	1.5	4	9.3	17.2	10.9	No
Sanyo	CMH3172	2.5	KMHS2472	2	4	9.3	17.2	10.9	No

Manufacturer Name	Outdoor Model	Outdoor Model Size in Tons	Indoor Model	Indoor Model Size in Tons	# of Indoor Units Outdoor Unit Will Support	HSPF	SEER	EER	Fed. Tax Credit Qualified
Sanyo	CMH3172	2.5	KMHS0772	0.5	4	9.3	17.2	10.9	No
Sanyo	CMH3172	2.5	KMHS0972	0.75	4	9.3	17.2	10.9	No
Sanyo	CMH3172	2.5	KMHS1272	1	4	9.3	17.2	10.9	No