

# Cold Climate Ductless Mini-Split Heat Pumps

To qualify for Efficiency Nova Scotia's Green Heat and Home Energy Assessment incentives, ductless mini-split heat pump systems **must be** listed below.

## Definitions<sup>1</sup>

**Heating Capacity (Btu/h):** A Btu/h, or British thermal unit per hour, is a unit used to measure the heat output of a heating system.

**Heating Seasonal Performance Factor (HSPF):** measures the energy efficiency of a heat pump over a heating season. Many manufacturers list the HSPF for Region 4 (IV), which is based on the space heating requirements for the Northern United States, Region V has a climate similar to that of Nova Scotia.

**The Coefficient of Performance (COP):** is a measure of a heat pump's efficiency at a specific temperature. At 10°C, the coefficient of performance (COP) of airsource heat pumps is typically about 3.3. This means that 3.3 kilowatt hours (kWh) of heat are transferred for every kWh of electricity supplied to the heat pump.

Manufacturer	System Type	Outdoor Unit Model	Indoor Unit Model	Heating Capacity (BTU/h) @ 8°C	HSPF (Region 4) (US)	HSPF (Region 5) (CAN)	COP @-15°C
ACD	Multi Zone	MPD18KCH22S-0	Non-Ducted Indoor Units	19000	11.00	9.565	1.71
	Multi Zone	MPD24KCH21S-0	Non-Ducted Indoor Units	29000	11.00	9.565	1.81
	Multi Zone	MPD30KCH21S-0	Non-Ducted Indoor Units	30000	11.50	10.000	1.88
	Multi Zone	MPD36KCH21S-0	Non-Ducted Indoor Units	42500	11.50	10.000	2.04
	Single Zone	OCD12KCH22S-0	OCD12KCH22S-I	13000	11.00	9.565	2.01
	Single Zone	UHD09KCH38S-0	UHD09KCH38S-I	9000	15.00	13.043	2.09
	Single Zone	UHD12KCH31S-0	UHD12KCH31S-I	12200	14.00	12.174	2.73
	Single Zone	UHD18KCH25S-0	UHD18KCH25S-I	18000	12.00	10.435	2.03
American Standard	Single Zone	4TXK3809A10NUAA	4MXW3809A10NUAA	9000	15.00	13.043	2.08
	Single Zone	4TXK3812A10NUAA	4MXW3812A10NUAA	12200	14.00	12.174	2.18
	Single Zone	4TXK3818A10NUAA	4MXW3818A10NUAA	18000	12.00	10.435	1.83
	Single Zone	4TXK3824A10NUAA	4MXW3824A10NUAA	24000	12.00	10.435	2.24
Arcoaire	Single Zone	DLCSRAH12AAK	DLFSHAH12XAK	12000	11.00	9.565	2.11
	Single Zone	DLCSRAH24AAK	DLFSCAH24XAK	24000	11.50	10.000	2.18
	Single Zone	DLCPRAH09AAK	DLFPHAH09XAK	10000	14.50	12.609	1.98
	Single Zone	DLCPRAH12AAK	DLFPHAH12XAK	12000	13.60	11.826	1.82
	Single Zone	DLCPRAH18AAK	DLFPHAH18XAK	18000	14.00	12.174	2.00
	Single Zone	DLCPRAH24AAK	DLFPHAH24XAK	24000	12.00	10.435	2.00
	Single Zone	DLCSRAH12AAJ	DLFSHAH12XAJ	11800	11.00	9.565	2.01
	Single Zone	DLCSRAH24AAK	DLFSDAH24XAK	24,000	12.00	10.435	1.93
Bryant	Multi Zone	38MGRQ18B--3	Non-Ducted Indoor Units	19000	10.30	8.957	2.15
	Multi Zone	38MGRQ24C--3	Non-Ducted Indoor Units	23000	10.00	8.696	1.82
	Multi Zone	38MGRQ30D--3	Non-Ducted Indoor Units	28000	10.00	8.696	2.04
	Multi Zone	38MGRQ36D--3	Non-Ducted Indoor Units	36000	10.50	9.130	1.96
	Multi Zone	38MGRQ48E--3	Non-Ducted Indoor Units	48000	10.20	8.870	1.98
	Single Zone	38MAQB09R--3	619PEQ099BBMA	10900	11.20	9.739	1.98
	Single Zone	38MAQB12R--3	619PEQ012BBMA	11800	12.00	10.435	1.98
	Single Zone	38MAQB18R--3	40MBDQ18---3	19000	11.00	9.565	1.75
	Single Zone	38MAQB24R--3	40MBDQ24---3	24000	12.50	10.870	1.83
	Single Zone	38MPRAQ09AA3	619PHAQ09XA3	10000	15.00	13.043	1.98
	Single Zone	38MPRAQ12AA3	619PHAQ12XA3	12000	14.00	12.174	1.82
	Single Zone	38MPRAQ18AA3	619PHAQ18XA3	18000	14.00	12.174	2.00
	Single Zone	38MPRAQ24AA3	619PHAQ24XA3	24000	12.00	10.435	2.00
Carrier	Multi Zone	38MGRQ18B--3	Non-Ducted Indoor Units	19000	10.30	8.957	2.15
	Multi Zone	38MGRQ24C--3	Non-Ducted Indoor Units	23000	10.00	8.696	1.82
	Multi Zone	38MGRQ30D--3	Non-Ducted Indoor Units	28000	10.00	8.696	2.04
	Multi Zone	38MGRQ36D--3	Non-Ducted Indoor Units	36000	10.50	9.130	1.96
	Multi Zone	38MGRQ48E--3	Non-Ducted Indoor Units	48000	10.20	8.870	1.98
	Single Zone	38MAQB09R--3	40MAQB09B--3	10900	11.20	9.739	1.98
	Single Zone	38MAQB12R--3	40MAQB12B--3	11800	12.00	10.435	1.87
	Single Zone	38MAQB24R--3	40MAQB24B--3	24000	11.50	10.000	2.19
	Single Zone	38MPRAQ09AA3	40MPHAQ09XA3	10000	15.00	13.043	1.98
	Single Zone	38MPRAQ12AA3	40MPHAQ12XA3	12000	14.00	12.174	1.82
	Single Zone	38MPRAQ18AA3	40MPHAQ18XA3	18000	14.00	12.174	2.00
	Single Zone	38MPRAQ24AA3	40MPHAQ24XA3	24000	12.00	10.435	2.00
	Comfort Aire or Century	Multi Zone	A-VMH28TU-1	Non-Ducted Indoor Units	28400	10.40	8.696
Multi Zone		A-VMH36QU-1	non-Ducted Indoor Units	36000	10.50	9.130	1.96
Multi Zone		A-VMH48PU-1	Non-Ducted Indoor Units	48000	10.20	8.870	1.80
Single Zone		A-VMH09SU-1	B-VMH09SU-1	10900	11.20	9.739	1.91
Single Zone		A-VMH12SU-1	B-VMH12SU-1	11800	12.00	10.435	1.82
Single Zone		A-VMH24SU-1	B-VMH24SU-1	24000	11.50	10.000	1.81
Comfortmaker	Single Zone	DLCSRAH12AAK	DLFSHAH12XAK	12000	11.00	9.565	2.11
	Single Zone	DLCSRAH24AAK	DLFSCAH24XAK	24000	11.50	10.000	2.18
	Single Zone	DLCPRAH09AAK	DLFPHAH09XAK	10000	14.50	12.609	1.98
	Single Zone	DLCPRAH12AAK	DLFPHAH12XAK	12000	13.60	11.826	1.82
	Single Zone	DLCPRAH18AAK	DLFPHAH18XAK	18000	14.00	12.174	2.00
	Single Zone	DLCPRAH24AAK	DLFPHAH24XAK	24000	12.00	10.435	2.00
	Single Zone	DLCSRAH12AAJ	DLFSHAH12XAJ	11800	11.00	9.565	2.01
	Single Zone	DLCSRAH24AAK	DLFSDAH24XAK	24,000	12.00	10.435	1.93
Daikin	Multi Zone	2MXL18QMVJU	Non-Ducted Indoor Units	18900	10.30	8.957	2.03
	Multi Zone	2MXS18NMVJU	Non-Ducted Indoor Units	18900	10.70	9.304	2.54
	Multi Zone	3MXL24QMVJU	Non-Ducted Indoor Units	24000	12.50	10.870	2.17
	Multi Zone	3MXL24RMVJU	Non-Ducted Indoor Units	24000	12.50	10.870	2.17
	Multi Zone	3MXS24NMVJU	Non-Ducted Indoor Units	24000	12.50	10.870	2.21
	Multi Zone	3MXS24RMVJU	Non-Ducted Indoor Units	24000	12.50	10.870	2.17
	Multi Zone	4MXL36TVJU	Non-Ducted Indoor Units	36600	11.20	9.739	2.00
	Single Zone	RX09QMVJU	FFQ09Q2VJU	10000	11.70	10.174	2.42
	Single Zone	RX09RMVJU	FFQ09Q2VJU	10000	11.70	10.174	2.16
	Single Zone	RX12QMVJU	FFQ12Q2VJU	13500	11.20	9.739	2.28
	Single Zone	RX12RMVJU	FFQ12Q2VJU	13500	11.20	9.739	2.07
	Single Zone	RX15QMVJU	FFQ15Q2VJU	16200	11.00	9.565	2.47
	Single Zone	RX15RMVJU	FFQ15Q2VJU	16200	11.00	9.565	2.26
	Single Zone	RXG09HVJU	FTXG09HVJU	12000	11.00	9.565	1.77
	Single Zone	RXL09QMVJU	FTX09NMVJU	10900	12.50	10.870	1.97
	Single Zone	RXL09QMVJU	FVXS09NVJU	10100	11.70	10.174	2.15
	Single Zone	RXL12QMVJU	FTX12NMVJU	13600	12.00	10.435	2.19
	Single Zone	RXL15QMVJU	FTX15NMVJU	18300	12.50	10.870	2.27
	Single Zone	RXL15QMVJU	FVXS15NVJU	18000	11.30	9.826	2.40
	Single Zone	RXS09LVJU	FTXS09LVJU	10000	12.50	10.870	2.43
	Single Zone	RXS12LVJU	FTXS12LVJU	14400	12.50	10.870	2.81
Single Zone	RXS15LVJU	FTXS15LVJU	15000	11.60	10.087	2.69	
Single Zone	RXS18LVJU	FTXS18LVJU	21600	11.00	9.565	2.50	
Day & Night	Single Zone	DLCSRAH12AAK	DLFSHAH12XAK	12000	11.00	9.565	2.11
	Single Zone	DLCSRAH24AAK	DLFSCAH24XAK	24000	11.50	10.000	2.18
	Single Zone	DLCPRAH09AAK	DLFPHAH09XAK	10000	14.50	12.609	1.98
	Single Zone	DLCPRAH12AAK	DLFPHAH12XAK	12000	13.60	11.826	1.82
	Single Zone	DLCPRAH18AAK	DLFPHAH18XAK	18000	14.00	12.174	2.00
	Single Zone	DLCPRAH24AAK	DLFPHAH24XAK	24000	12.00	10.435	2.00

Manufacturer	System Type	Outdoor Unit Model	Indoor Unit Model	Heating Capacity (BTU/h) @ 8°C	HSPF (Region 4) (US)	HSPF (Region 5) (CAN)	COP @-15°C	
Day & Night	Single Zone	DLCSRAH12AAJ	DLFSHAH12XAJ	11800	11.00	9.565	2.01	
	Single Zone	DLCSRAH24AAK	DLFSDAH24XAK	24,000	12.00	10.435	1.93	
Direct Air	Multi Zone	M20F-18HFN1-M	Non-Ducted Indoor Units	19000	10.30	8.957	1.86	
	Multi Zone	M30F-27HFN1-M	Non-Ducted Indoor Units	28000	10.30	8.957	1.79	
	Multi Zone	M50F-48HFN1-M	Non-Ducted Indoor Units	48000	10.20	8.870	1.76	
	Single Zone	MOB30-09HFN1-MX0W	CS11M-09HRFN1-MX0W(A)	10900	11.20	9.739	1.75	
	Single Zone	MOB30-12HFN1-MV0W	CS11M-12HRFN1-MU5W	11800	12.00	10.435	1.75	
	Single Zone	MOD30-24HFN1-MT0W	CS11M-23HRFN1-MT0W	24000	11.50	10.000	1.80	
	Single Zone	MOD31-24HFN1-MT0W	MUEU-24HRFN1-M(C)	24000	11.00	9.565	2.02	
Direct Air	Single Zone	MOD31-24HFN1-MT0W	CS11M-23HRFN1-MT0W	25000	11.50	10.000	2.07	
	Single Zone	MOD31-24HFN1-MT0W	MUEU-24HRFN1-M(C)	24000	11.00	9.565	2.02	
Emerson Quiet Kool	Single Zone	HP-20EACH24R20	HP-20EACH24R2I	24000	11.50	10.000	1.81	
	Single Zone	HP-22EACH12R20	HP-22EACH12R2I	11800	12.00	10.435	1.80	
	Single Zone	HP-25EACH09R20	HP-25EACH09R2I	10900	11.20	9.739	1.76	
EMI	Single Zone	SZ1H12AAA	WALH12AAA	11800	11.20	9.739	1.79	
Friedrich	Multi Zone	MR24DY3JMA	Non-Ducted Indoor Units	24000	10.60	9.217	2.59	
	Single Zone	MR09Y3J	MW09Y3J	10800	11.00	9.565	1.79	
	Single Zone	MR12Y3J	MW12Y3J	13300	11.00	9.565	2.00	
	Single Zone	MR24Y3J	MW24Y3J	27000	11.00	9.565	1.80	
	Single Zone	MRH09Y3JA	MWH09Y3JA	10500	12.50	10.870	2.13	
	Single Zone	MRH12Y3J	MWH12Y3J	13600	11.00	9.565	2.31	
	Single Zone	MRH12Y3JA	MWH12Y3JA	13000	12.00	10.435	2.33	
Fujitsu	Multi Zone	AOU18RLXFZH	Non-Ducted Indoor Units	22000	10.30	8.957	1.85	
	Multi Zone	AOU24RLXFZH	Non-Ducted Indoor Units	25000	10.30	8.957	2.09	
	Multi Zone	AOU36RLAVM	Non-Ducted Indoor Units	42000	10.90	9.478	2.74	
	Multi Zone	AOU36RLXFZH	Non-Ducted Indoor Units	36400	10.30	8.957	2.00	
	Multi Zone	AOU48RLAVM	Non-Ducted Indoor Units	54000	11.40	9.913	2.94	
	Single Zone	AOU12RLFC	ARU12RLF	16000	11.50	10.000	2.15	
	Single Zone	AOU12RLFC	AUU12RLF	16000	12.20	10.609	2.15	
	Single Zone	AOU12RLFF	AGU12RLF	16000	11.60	10.087	2.02	
	Single Zone	AOU12RLFFH	AGU12RLF	16000	11.30	9.826	1.89	
	Single Zone	AOU12RLFW1	ASU12RLF1	16000	11.00	9.565	2.62	
	Single Zone	AOU12RLS2	ASU12RLS2	16000	12.00	10.435	2.34	
	Single Zone	AOU12RLS3	ASU12RLS3	16000	14.00	12.174	2.30	
	Single Zone	AOU12RLS3	ASU12RLS3Y	16000	14.00	12.174	2.30	
	Single Zone	AOU12RLS3H	ASU12RLS3	16000	13.80	12.000	2.15	
	Single Zone	AOU12RLS3H	ASU12RLS3Y	16000	13.80	12.000	2.15	
	Single Zone	AOU15RLFF	AGU15RLF	18000	11.20	9.739	1.86	
	Single Zone	AOU15RLFFH	AGU15RLF	18000	11.00	9.565	1.77	
	Single Zone	AOU15RLS2	ASU15RLS2	18000	12.00	10.435	2.42	
	Single Zone	AOU15RLS3	ASU15RLS3	18000	13.40	11.652	2.18	
	Single Zone	AOU15RLS3	ASU15RLS3Y	18000	13.40	11.652	2.18	
	Single Zone	AOU15RLS3H	ASU15RLS3	18000	13.30	11.565	2.07	
	Single Zone	AOU15RLS3H	ASU15RLS3Y	18000	13.30	11.565	2.07	
	Single Zone	AOU30RLXEH	ASU30RLE	32000	11.80	10.261	2.06	
	Single Zone	AOU9RLFC	ARU9RLF	12000	12.20	10.609	2.35	
	Single Zone	AOU9RLFC	AUU9RLF	12000	13.00	11.304	2.35	
	Single Zone	AOU9RLFF	AGU9RLF	12000	12.60	10.957	1.95	
	Single Zone	AOU9RLFFH	AGU9RLF	12000	12.40	10.783	1.82	
	Single Zone	AOU9RLFW1	ASU9RLF1	12000	11.00	9.565	2.82	
	Single Zone	AOU9RLS2	ASU9RLS2	12000	12.50	10.870	2.18	
	Single Zone	AOU9RLS3	ASU9RLS3	12000	14.20	12.348	2.09	
	Single Zone	AOU9RLS3	ASU9RLS3Y	12000	14.20	12.348	2.09	
	Single Zone	AOU9RLS3H	ASU9RLS3	12000	14.00	12.174	1.95	
	Single Zone	AOU9RLS3H	ASU9RLS3Y	12000	14.00	12.174	1.95	
	Gree	Multi Zone	GMV-36WL/B-T(U)	Non-Ducted Indoor Units	45000	10.30	8.957	2.10
		Multi Zone	GMV-48WL/B-T(U)	Non-Ducted Indoor Units	54000	10.20	8.870	2.00
		Multi Zone	GMV-HY36WLT/A-T(U)	Non-Ducted Indoor Units	45000	10.00	8.696	2.00
		Multi Zone	GMV-HY48WLT/A-T(U)	Non-Ducted Indoor Units	54000	10.00	8.696	2.00
		Multi Zone	GWHD(18)ND3G/O	Non-Ducted Indoor Units	19000	11.00	9.565	1.75
		Multi Zone	GWHD(18)ND3JO	Non-Ducted Indoor Units	21000	10.50	9.130	1.75
		Multi Zone	GWHD(24)ND3G/O	Non-Ducted Indoor Units	26000	11.00	9.565	1.85
Multi Zone		GWHD(24)ND3JO	Non-Ducted Indoor Units	26000	10.50	9.130	1.75	
Multi Zone		GWHD(30)ND3G/O	Non-Ducted Indoor Units	30000	11.50	10.000	1.90	
Multi Zone		GWHD(36)ND3G/O	Non-Ducted Indoor Units	42500	11.50	10.000	2.03	
Multi Zone		KM24H40 GWHD(24)ND3GO	Non-Ducted Indoor Units	26000	11.00	9.565	1.81	
Multi Zone		KM30H40 GWHD(30)ND3GO	Non-Ducted Indoor Units	30000	11.50	10.000	1.88	
Multi Zone		KM36H40 GWHD(36)ND3GO	Non-Ducted Indoor Units	42500	11.50	10.000	2.01	
Multi Zone		KM42H40 GWHD(42)ND3EO	Non-Ducted Indoor Units	45000	10.20	8.870	2.09	
Multi Zone		MULTI24HP230V1CO	Non-Ducted Indoor Units	26000	11.00	9.565	1.81	
Multi Zone		MULTI30HP230V1CO	Non-Ducted Indoor Units	30000	11.50	10.000	1.88	
Multi Zone		MULTI36HP230V1CO	Non-Ducted Indoor Units	42500	11.50	10.000	2.01	
Single Zone		GWH09YD-D3DNA1A/O	GWH09AAD-D3DN**/I	9000	15.00	13.043	2.01	
Single Zone		GWH12QC-D3DNA1D/O	GWH12QC-D3DN**/I	13000	11.00	9.565	2.04	
Single Zone		GWH12YD-D3DNA1A/O	GWH12AAD-D3DN**/I	12200	14.00	12.174	2.09	
Single Zone		GWH15QD-D3DNA5G/O	GWH15QD-D3DNA5G/I	16000	11.00	9.565	1.84	
Single Zone		GWH18YE-D3DNA1A/O	GWH18AAE-D3DN**/I	18000	12.00	10.435	1.88	
Single Zone		GWH24YE-D3DNA1A/O	GWH24AAE-D3DN**/I	24000	12.00	10.435	2.07	
Single Zone		KW12HQ2B8D0	KW12HQ2B8DI	13000	11.00	9.565	2.73	
Single Zone		SAP09HP230V1AO	SAP09HP230V1AH	9000	15.00	13.043	2.09	
Single Zone		SAP12HP230V1AO	SAP12HP230V1AH	12200	14.00	12.174	2.73	
Single Zone		SAP18HP230V1AO	SAP18HP230V1AH	18000	12.00	10.435	2.03	
Single Zone		Sap24HP230V1AO	Sap24HP230V1AH	24000	12.00	10.435	2.07	
Single Zone		TW12HQ2A3D0	TW12HQ2A3DI	13000	11.00	9.565	2.73	
Single Zone		TW12HQ2C2D0	TW12HQ2C2DI	13000	11.00	9.565	2.73	
Single Zone		VIR12HP230V1B0	VIR12HP230V1BH	13000	11.00	9.565	2.02	
Haier		Multi Zone	2U20EH2VHA	Non-Ducted Indoor Units	20000	10.50	9.130	2.46
		Multi Zone	3U24EH2VHA	Non-Ducted Indoor Units	24000	10.50	9.130	2.09
		Single Zone	1U09EH2VHA	AW09EH2VHA	12000	13.00	11.304	1.91
		Single Zone	1U09ES2VHA	AW09ES2VH*	10000	12.00	10.435	2.88
		Single Zone	1U09ES2VHA	AW09ES2VHA	10000	12.00	10.435	2.48
		Single Zone	1U12AP2VHA	AW12ES2VHB	13000	11.00	9.565	1.95
		Single Zone	1U12EH2VHA	AW12EH2VHA	16500	12.00	10.435	1.90
		Single Zone	1U12ES2VHA	AW12ES2VH*	16000	11.00	9.565	3.08
		Single Zone	1U12ES2VHA	AW12ES2VHA	16000	11.00	9.565	2.46
	Single Zone	1U18ES2VHA	AW18ES2VH	22000	11.00	9.565	2.13	
	Single Zone	1U18ES2VHA	AW18ES2VHA	22000	11.00	9.565	2.08	
	Single Zone	ASH112PRDWA	ASYW12PRDWB	13000	11.00	9.565	1.91	
	Single Zone	DLCPRAH09AAK	DLFPHAH09XAK	10000	14.50	12.609	1.98	
Heil	Single Zone	DLCPRAH12AAK	DLFPHAH12XAK	12000	13.60	11.826	1.82	
	Single Zone	DLCPRAH18AAK	DLFPHAH18XAK	18000	14.00	12.174	2.00	
	Single Zone	DLCPRAH24AAK	DLFPHAH24XAK	24000	12.00	10.435	2.00	

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Heil	Single Zone	DLCSRAH12AAJ	DLFSHAH12XAJ	11800	11.00	9.565	2.01	
	Single Zone	DLCSRAH12AAK	DLFSHAH12XAK	12000	11.00	9.565	2.11	
	Single Zone	DLCSRAH24AAK	DLFSCAH24XAK	24000	11.50	10.000	2.18	
	Single Zone	DLCSRAH24AAK	DLFSDAH24XAK	24,000	12.00	10.435	1.93	
Hisense	Single Zone	AS-09UW3SXE00	AS-09UW3SXE00	10500	12.50	10.870	2.02	
	Single Zone	AS-09UW3SXE00	AS-09UW3SXE00	10500	12.50	10.870	2.02	
	Single Zone	AS-12UW3SXA00	AS-12UW3SXA**00	13000	12.00	10.435	2.41	
	Single Zone	AS-12UW3SXA00	AS-12UW3SXA00	13000	12.00	10.435	2.03	
	Single Zone	AS-12UW3SXA00	AS-12UW3SXA00	13000	12.00	10.435	2.03	
	Single Zone	AS-18UW3SBB	AS-18UW3SBB*	19000	11.60	10.087	2.21	
Karda	Multi Zone	2PAMSH18-MZO2	Non-Ducted Indoor Units	19000	10.30	8.957	1.86	
	Multi Zone	2PAMSH27-MZO3	Non-Ducted Indoor Units	28000	10.30	8.957	1.95	
	Multi Zone	2PAMSH48-MZO5	Non-Ducted Indoor Units	48000	10.20	8.870	1.80	
	Single Zone	1PAMSHH09-SZO-25	1PAMSHH09-SZW-25	10900	11.20	9.739	1.87	
	Single Zone	1PAMSHH12-SZO-22.5	1PAMSHH12-SZW-22.5	11800	12.00	10.435	1.79	
	Single Zone	1PAMSHH18-SZO-22.5	1PAMSHH18-SZW-22.5	17000	11.00	9.565	1.92	
Keeprite	Single Zone	1PAMSHH24-SZO-20.5	1PAMSHH24-SZW-20.5	24000	11.50	10.000	1.78	
	Single Zone	DLCSRAH12AAK	DLFSHAH12XAK	12000	11.00	9.565	2.11	
	Single Zone	DLCSRAH24AAK	DLFSCAH24XAK	24000	11.50	10.000	2.18	
	Single Zone	DLCPRAH09AAK	DLFPHAH09XAK	10000	14.50	12.609	1.98	
	Single Zone	DLCPRAH12AAK	DLFPHAH12XAK	12000	13.60	11.826	1.82	
	Single Zone	DLCPRAH18AAK	DLFPHAH18XAK	18000	14.00	12.174	2.00	
	Single Zone	DLCPRAH24AAK	DLFPHAH24XAK	24000	12.00	10.435	2.00	
	Single Zone	DLCSRAH12AAJ	DLFSHAH12XAJ	11800	11.00	9.565	2.01	
	Single Zone	DLCSRAH24AAK	DLFSDAH24XAK	24,000	12.00	10.435	1.93	
	Single Zone	DLCSRAH12AAK	DLFSHAH12XAK	12000	11.00	9.565	2.11	
Kenmore	Single Zone	DLCSRAH24AAK	DLFSCAH24XAK	24000	11.50	10.000	2.18	
	Single Zone	DLCPRAH09AAK	DLFPHAH09XAK	10000	14.50	12.609	1.98	
	Single Zone	DLCPRAH12AAK	DLFPHAH12XAK	12000	13.60	11.826	1.82	
	Single Zone	DLCPRAH18AAK	DLFPHAH18XAK	18000	14.00	12.174	2.00	
	Single Zone	DLCPRAH24AAK	DLFPHAH24XAK	24000	12.00	10.435	2.00	
	Single Zone	DLCSRAH12AAJ	DLFSHAH12XAJ	11800	11.00	9.565	2.01	
	Single Zone	DLCSRAH24AAK	DLFSDAH24XAK	24,000	12.00	10.435	1.93	
	Single Zone	DLCSRAH24AAK	DLFSDAH24XAK	24,000	12.00	10.435	1.93	
Kerr	Multi Zone	A-KMH28TU-1	Non-Ducted Indoor Units	28000	10.40	9.043	1.93	
	Multi Zone	A-KMH36QU-1	Non-Ducted Indoor Units	36000	10.50	9.130	1.80	
	Multi Zone	A-KMH48PU-1	Non-Ducted Indoor Units	48000	10.20	8.870	1.79	
	Single Zone	A-KMH09SU-1	B-KMH09SU-1	10900	11.20	9.739	1.91	
	Single Zone	A-KMH12SU-1	B-KMH12SU-1	11800	12.00	10.435	1.82	
	Single Zone	A-KMH24SU-1	B-KMH24SU-1	24000	11.50	10.000	1.81	
Koolking	Multi Zone	M20F-18HFN1-M	Non-Ducted Indoor Units	19000	10.30	8.957	1.86	
	Multi Zone	M30F-27HFN1-M	Non-Ducted Indoor Units	28000	10.30	8.957	1.79	
	Multi Zone	M50F-48HFN1-M	Non-Ducted Indoor Units	48000	10.20	8.870	1.76	
	Single Zone	MOB30-09HFN1-MX0W	CS11M-09HRFN1-MX0W(A)	10900	11.20	9.739	1.75	
	Single Zone	MOB30-12HFN1-MV0W	CS11M-12HRFN1-MU5W	11800	12.00	10.435	1.75	
	Single Zone	MOD30-24HFN1-MT0W	CS11M-23HRFN1-MT0W	24000	11.50	10.000	1.80	
Lennox	Multi Zone	MLA030S4M-1P	Non-Ducted Indoor Units	28000	10.40	9.043	1.96	
	Multi Zone	MLA036S4M-1P	Non-Ducted Indoor Units	36000	10.50	9.130	2.34	
	Multi Zone	MPB018S4M-1P	Non-Ducted Indoor Units	18000	10.30	8.957	1.86	
	Multi Zone	MPB030S4M-1P	Non-Ducted Indoor Units	28000	10.30	8.957	1.95	
	Multi Zone	MPB048S4M-1P	Non-Ducted Indoor Units	48000	10.20	8.870	1.80	
	Single Zone	MPB009S4S-1L	MWMB009S4-1L	11000	11.20	10.170	1.95	
	Single Zone	MPB009S4S-1L	MWMB009S4-1L	11000	11.20	9.739	1.83	
	Single Zone	MPB009S4S-1L	MWMB009S4-2L	11000	11.20	9.739	1.95	
	Single Zone	MPB009S4S-1L	MWMB009S4-2L	11000	11.20	9.739	1.95	
	Single Zone	MPB012S4S-1P	MWMA012S4-1P	12000	11.00	9.565	1.94	
	Single Zone	MPB012S4S-1P	MWMA012S4-2P	12000	11.00	9.565	1.94	
	Single Zone	MPB012S4S-1P	MWMA012S4-3P	12,000	11.00	9.565	1.94	
	Single Zone	MPB024S4S-1P	MCFA024S4-2P	24000	11.00	9.565	2.02	
	Single Zone	MPB024S4S-1P	MCFA024S4-1P	24000	11.00	9.565	2.02	
	Single Zone	MPB024S4S-1P	MWMA024S4-1P	25000	11.50	10.000	2.07	
	Single Zone	MPB024S4S-1P	MWMA024S4-2P	25000	11.50	10.000	2.07	
LG	Multi Zone	LMU180HHV	Non-Ducted Indoor Units	22000	10.00	8.696	1.85	
	Multi Zone	LMU240HHV	Non-Ducted Indoor Units	26000	10.70	9.304	2.10	
	Multi Zone	LMU24CHV	Non-Ducted Indoor Units	24000	10.60	9.217	2.77	
	Multi Zone	LMU300HHV	Non-Ducted Indoor Units	28600	11.00	9.565	2.16	
	Multi Zone	LMU30CHV	Non-Ducted Indoor Units	32000	10.00	8.696	2.50	
	Multi Zone	LMU36CHV	Non-Ducted Indoor Units	36000	10.00	8.696	2.49	
	Multi Zone	LMU420HHV	Non-Ducted Indoor Units	45000	11.00	9.565	2.15	
	Multi Zone	LMU480HV	Non-Ducted Indoor Units	54000	10.00	8.696	2.52	
	Multi Zone	LMU600HV	Non-Ducted Indoor Units	64000	11.00	9.565	2.73	
	Single Zone	LAU090HYV1	LAN090HYV1	11000	12.00	10.435	2.88	
	Single Zone	LAU120HYV	LAN120HYV	13600	11.50	10.000	2.74	
	Single Zone	LAU120HYV1	LAN120HYV1	12000	12.00	10.435	2.70	
	Single Zone	LAU150HYV2	LAN150HYV2	18000	12.50	10.870	2.57	
	Single Zone	LAU180HYV1	LAN180HYV1	22000	12.50	10.870	2.37	
	Single Zone	LAU180HYV2	LAN180HYV2	22000	12.00	10.435	2.37	
	Single Zone	LAU240HYV1	LAN240HYV1	27000	12.00	10.435	2.27	
	Single Zone	LGU121HSV2	LGN121HSV2	13300	11.00	9.565	2.25	
	Single Zone	LSU090HSV5 (LAN)	LAN090HSV5	10900	11.30	9.826	2.80	
	Single Zone	LSU090HSV5 (LAN)	LAN090HSV5	10900	11.30	9.826	2.80	
	Single Zone	LSU090HSV5 (LSN)	LSN090HSV5	10900	11.30	9.826	2.80	
	Single Zone	LSU120HSV4	LAN120HSV4	13300	11.00	9.565	2.43	
	Single Zone	LSU120HSV4	LSN120HSV4	13300	11.00	9.565	2.43	
	Single Zone	LSU120HSV5 (LAN)	LAN120HSV5	13600	11.40	9.913	1.50	
	Single Zone	LSU120HSV5 (LSN)	LSN120HSV5	13600	11.40	9.913	1.50	
	Single Zone	LSU240HLV	LSN240HLV	27000	11.00	9.565	2.10	
	Single Zone	LSU243HLV	LSN243HLV	27000	11.00	9.565	2.35	
	Midea	Multi Zone	M20F-18HFN1-M	Non-Ducted Indoor Units	19000	10.30	8.957	1.86
		Multi Zone	M30F-27HFN1-M	Non-Ducted Indoor Units	28000	10.30	8.957	1.79
Single Zone		38MPRAQ09AA3	DHMPHAQ09XA3	10000	15.00	13.043	1.98	
Single Zone		38MPRAQ12AA3	DHMPHAQ12XA3	12000	14.00	12.174	1.82	
Single Zone		38MPRAQ18AA3	DHMPHAQ18XA3	18000	14.00	12.174	2.00	
Single Zone		38MPRAQ24AA3	DHMPHAQ24XA3	24000	12.00	10.435	2.00	
Single Zone		DLCPRAH09AAK	DLFPHAH09XAK	10000	14.50	12.609	1.98	
Single Zone		DLCPRAH12AAK	DLFPHAH12XAK	12000	13.60	11.826	1.82	
Single Zone		DLCPRAH18AAK	DLFPHAH18XAK	18000	14.00	12.174	2.00	
Single Zone		DLCPRAH24AAK	DLFPHAH24XAK	24000	12.00	10.435	2.00	
Single Zone		DLCSRAH12AAJ	DLFSHAH12XAJ	11800	11.00	9.565	2.01	
Single Zone		DLCSRAH12AAK	DLFSHAH12XAK	12000	11.00	9.565	2.11	
Single Zone		DLCSRAH24AAK	DLFSCAH24XAK	24000	11.50	10.000	2.18	
Single Zone		DLCSRAH24AAK	DLFSDAH24XAK	24,000	12.00	10.435	1.93	

Manufacturer	System Type	Outdoor Unit Model	Indoor Unit Model	Heating Capacity (BTU/h) @ 8°C	HSPF (Region 4) (US)	HSPF (Region 5) (CAN)	COP @-15°C
Mitsubishi	Multi Zone	MXZ-2C20NA2	Non-Ducted Indoor Units	22000	10.00	8.696	2.03
	Multi Zone	MXZ-2C20NAHZ	Non-Ducted Indoor Units	22000	9.80	8.522	2.03
	Multi Zone	MXZ-2C20NAHZ2	Non-Ducted Indoor Units	22000	9.80	8.522	2.07
	Multi Zone	MXZ-3C24NAHZ	Non-Ducted Indoor Units	25000	10.00	8.696	1.92
	Multi Zone	MXZ-3C24NAHZ2	Non-Ducted Indoor Units	25000	10.00	8.696	1.92
	Multi Zone	MXZ-3C30NA2	Non-Ducted Indoor Units	28600	10.60	9.217	2.42
	Multi Zone	MXZ-3C30NAHZ	Non-Ducted Indoor Units	28600	11.00	9.565	1.75
	Multi Zone	MXZ-3C30NAHZ2	Non-Ducted Indoor Units	28600	11.00	9.565	1.75
	Multi Zone	MXZ-4C36NA2	Non-Ducted Indoor Units	36000	11.00	9.565	2.38
	Multi Zone	MXZ-4C36NAHZ	Non-Ducted Indoor Units	45000	11.30	9.826	2.41
	Multi Zone	MXZ-5C42NAHZ	Non-Ducted Indoor Units	48000	11.00	9.565	2.51
	Multi Zone	MXZ-5C42NAHZ2	Non-Ducted Indoor Units	48000	11.00	9.565	2.51
	Multi Zone	MXZ-8C48NA	Non-Ducted Indoor Units	54000	11.40	9.913	1.83
	Multi Zone	MXZ-8C48NAHZ	Non-Ducted Indoor Units	54000	11.00	9.565	2.29
	Multi Zone	PUMY-HP36NKMU	Non-Ducted Indoor Units	42000	12.00	10.435	2.00
	Multi Zone	PUMY-HP48NKMU	Non-Ducted Indoor Units	54000	12.00	10.435	2.00
	Multi Zone	PUMY-P36NKM	Non-Ducted Indoor Units	42000	11.50	10.000	2.30
	Multi Zone	PUMY-P36NKMU2	Non-Ducted Indoor Units	42000	12.00	10.435	2.20
	Multi Zone	PUMY-P48NKM	Non-Ducted Indoor Units	54000	11.70	10.174	2.20
	Multi Zone	PUMY-P48NKMU2	Non-Ducted Indoor Units	54000	12.00	10.435	2.10
	Multi Zone	PUMY-P60NKM	Non-Ducted Indoor Units	66000	11.40	9.913	2.00
	Multi Zone	PUMY-P60NKMU2	Non-Ducted Indoor Units	66000	12.00	10.435	2.00
	Single Zone	MUFZ-KJ09NAHZ	MFZ-KJ09NA	11000	13.00	11.304	2.01
	Single Zone	MUFZ-KJ12NAHZ	MFZ-KJ12NA	13000	12.00	10.435	2.10
	Single Zone	MUFZ-KJ15NAHZ	MFZ-KJ15NA	18000	11.60	10.087	1.86
Single Zone	MUFZ-KJ18NAHZ	MFZ-KJ18NA	21000	11.30	9.826	2.05	
Mitsubishi	Single Zone	MUZ-FH06NAH	MSZ-FH06NA	8700	12.50	10.870	2.73
	Single Zone	MUZ-FH09NAH-1	MSZ-FH09NA	10900	12.50	10.870	2.88
	Single Zone	MUZ-FH12NAH-1	MSZ-FH12NA	13600	11.50	10.000	2.84
	Single Zone	MUZ-FH15NA	MSZ-FH15NA	18000	12.00	10.435	1.79
	Single Zone	MUZ-FH15NAH	MSZ-FH15NA	18540	11.00	9.565	1.80
	Single Zone	MUZ-FH18NAH2	MSZ-FH18NA	20300	11.00	9.565	2.06
	Single Zone	MUZ-GE09NA2	MSZ-GE09NA	10900	11.00	9.565	3.54
	Single Zone	MUZ-GE09NAH2	MSZ-GE09NA	10,900	10.10	8.783	2.72
	Single Zone	MUZ-GE12NA2	MSZ-GE12NA	14400	11.40	9.913	3.02
	Single Zone	MUZ-GE12NAH2	MSZ-GE12NA	14,400	10.80	9.391	2.52
	Single Zone	MUZ-GE15NA2	MSZ-GE15NA	18000	11.20	9.739	4.20
	Single Zone	MUZ-GE15NAH2	MSZ-GE15NA	18,000	10.80	9.391	3.45
	Single Zone	MUZ-GL09NAH	MSZ-GL09NA	10900	11.80	10.261	2.82
	Single Zone	MUZ-GL12NAH	MSZ-GL12NA	14400	11.50	10.000	2.66
	Single Zone	MUZ-GL15NA	MSZ-GL15NA	18000	11.70	10.174	2.63
	Single Zone	MUZ-GL15NAH	MSZ-GL15NA	18000	10.80	9.391	2.45
	Single Zone	MUZ-GL18NA	MSZ-GL18NA	21600	11.20	9.739	2.35
	Single Zone	MUZ-GL18NAH	MSZ-GL18NA	21600	10.20	8.870	2.80
	Single Zone	PUZ-A12NKA7***	PLA-A12EA*	14000	12.80	11.130	2.01
	Single Zone	PUZ-A18NKA7***	PLA-A18EA*	19000	11.00	9.565	2.34
	Single Zone	PUZ-A24NHA7	PLA-A24EA7	26000	11.20	9.739	2.72
	Single Zone	PUZ-A24NHA7***	PKA-A24KA*	26000	11.00	9.565	1.94
	Single Zone	PUZ-A30NHA7***	PLA-A30EA*	32000	11.60	10.087	2.90
	Single Zone	SUZ-KA09NA2	MLZ-KP09NA	12000	13.30	11.565	3.08
	Single Zone	SUZ-KA09NA2	SLZ-KF09NA	11000	12.20	10.608	3.04
	Single Zone	SUZ-KA09NAH2	MLZ-KP09NA	12000	12.50	10.870	2.52
	Single Zone	SUZ-KA09NAH2	SLZ-KF09NA	11000	11.50	10.000	2.45
	Single Zone	SUZ-KA12NA2	MLZ-KP12NA	15400	12.10	10.523	2.36
	Single Zone	SUZ-KA12NA2	SLZ-KF12NA	13000	11.40	9.913	2.35
	Single Zone	SUZ-KA12NAH2	MLZ-KP12NA	15400	11.60	10.087	2.09
	Single Zone	SUZ-KA15NA2	SLZ-KF15NA	18000	11.20	9.739	2.29
	Single Zone	SUZ-KA18NA2	MLZ-KP18NA	20000	12.40	10.783	2.55
	Single Zone	SUZ-KA18NA2	SLZ-KF18NA	19700	11.60	10.087	2.37
Single Zone	SUZ-KA18NAH2	MLZ-KP18NA	20000	12.00	10.435	2.61	
Single Zone	SUZ-KA18NAH2	SLZ-KF18NA	19700	11.30	9.826	2.16	
Napoleon	Single Zone	NH25-09F-O	NH25-09F-I	10900	11.20	9.739	1.75
	Single Zone	NH25-12F-O	NH25-12F-I	11800	12.00	10.435	1.75
	Single Zone	NH25-24F-O	NH25-24F-I	24000	11.50	10.000	1.80
Novair	Single Zone	09EVONVO	09EVONVI	10900	11.20	9.739	1.86
	Single Zone	12EVONVO	12EVONVI	11800	12.00	10.435	1.79
	Single Zone	24EVONVO	24EVONVI	24000	11.50	10.000	1.87
Quellet	Single Zone	OTP-C12000-E	OTP-C12000-I	13000	11.00	9.565	2.04
Panasonic	Multi Zone	CU-3E19RBU-5	Non-Ducted Indoor Units	26000	10.50	9.130	2.19
	Single Zone	CS-E12RKUA	CU-E12RKUAW	13800	11.00	9.565	1.77
	Single Zone	CS-E9RKUA	CU-E9RKUAW	12000	11.00	9.565	1.84
	Single Zone	CU-E12RKUA	CS-E12RKUAW	13800	11.00	9.565	1.81
	Single Zone	CU-E9RKUA	CS-E9RKUAW	12000	11.00	9.565	1.92
	Single Zone	CU-XE12SKUA	CS-XE12SKUA	13600	12.50	10.870	1.85
	Single Zone	CU-XE12SKUA-1	CS-XE12SKUA-1	12500	12.50	10.870	1.84
	Single Zone	CU-XE15SKUA	CS-XE15SKUA	18000	12.00	10.435	1.87
	Single Zone	CU-XE15SKUA-1	CS-XE15SKUA-1	17200	12.00	10.435	1.98
Payne	Single Zone	CU-XE9SKUA	CS-XE9SKUA	10900	14.00	12.174	1.84
	Single Zone	38MPRAQ09AA3	DHMPHAQ09XA3	10000	15.00	13.043	1.98
	Single Zone	38MPRAQ12AA3	DHMPHAQ12XA3	12000	14.00	12.174	1.82
	Single Zone	38MPRAQ18AA3	DHMPHAQ18XA3	18000	14.00	12.174	2.00
	Single Zone	38MPRAQ24AA3	DHMPHAQ24XA3	24000	12.00	10.435	2.00
Perfect Aire	Multi Zone	2PAMSH18-MZO2	Non-Ducted Indoor Units	19000	10.30	8.957	1.86
	Multi Zone	2PAMSH27-MZO5	Non-Ducted Indoor Units	28000	10.30	8.957	1.95
	Multi Zone	2PAMSH48-MZO5	Non-Ducted Indoor Units	48000	10.20	8.870	1.80
	Single Zone	1PAMSHH09-SZO-25	1PAMSHH09-SZW-25	10900	11.20	9.739	1.87
	Single Zone	1PAMSHH12-SZO-22.5	1PAMSHH12-SZW-22.5	11800	12.00	10.435	1.79
	Single Zone	1PAMSHH18-SZO-22.5	1PAMSHH18-SZW-22.5	17000	11.00	9.565	1.92
Samsung	Single Zone	1PAMSHH24-SZO-20.5	1PAMSHH24-SZW-20.5	24000	11.50	10.000	1.78
	Multi Zone	AJ020MCS3CH/AA	Non-Ducted Indoor Units	22000	10.00	8.696	1.95
	Multi Zone	AJ024MCS4CH/AA	Non-Ducted Indoor Units	25000	10.00	8.696	1.83
	Multi Zone	AJ030MCS4CH/AA	Non-Ducted Indoor Units	28600	11.00	9.565	1.80
	Single Zone	AR09KSWDHWKX	AR09KSWDHWKN	12600	12.00	10.435	1.80
Sharp	Single Zone	AR12KSWDHWKX	AR12KSWDHWKN	13600	11.50	10.000	1.83
	Multi Zone	AE-X2M20TU	Non-Ducted Indoor Units	22000	10.30	8.957	2.91
	Single Zone	AE-X09TU	AY-XPC09TU	10000	12.20	10.609	2.67
Smart Comfort	Single Zone	AE-X12THU	AY-XP12THU	14000	12.70	11.043	2.55
	Single Zone	DLCSRAH12AAK	DLFSAH12XAK	12000	11.00	9.565	2.11
	Single Zone	DLCSRAH24AAK	DLFSAH24XAK	24000	11.50	10.000	2.18
Single Zone	DLCPRAH18AAK	DLFPAH18XAK	18000	14.00	12.174	2.00	

Manufacturer	System Type	Outdoor Unit Model	Indoor Unit Model	Heating Capacity (BTU/h) @ 8°C	HSPF (Region 4) (US)	HSPF (Region 5) (CAN)	COP @-15°C
<b>Smart Comfort</b>	Single Zone	DLCBRAH24AAK	DLFPHAH24XAK	24000	12.00	10.435	2.00
<b>Tempstar</b>	Single Zone	DLCSRAH12AAK	DLFSAH12XAK	12000	11.00	9.565	2.11
	Single Zone	DLCSRAH24AAK	DLFSAH24XAK	24000	11.50	10.000	2.18
	Single Zone	DLCBRAH09AAK	DLFPHAH09XAK	10000	14.50	12.609	1.98
	Single Zone	DLCBRAH12AAK	DLFPHAH12XAK	12000	13.60	11.826	1.82
	Single Zone	DLCBRAH18AAK	DLFPHAH18XAK	18000	14.00	12.174	2.00
	Single Zone	DLCBRAH24AAK	DLFPHAH24XAK	24000	12.00	10.435	2.00
	Single Zone	DLCSRAH12AAJ	DLFSAH12XAJ	11800	11.00	9.565	2.01
	Single Zone	DLCSRAH24AAK	DLFSAH24XAK	24,000	12.00	10.435	1.93
<b>Tosot</b>	Multi Zone	TM24H40	Non-Ducted Indoor Units	26000	11.00	9.565	1.81
	Multi Zone	TM30H40	Non-Ducted Indoor Units	30000	11.50	10.000	1.88
	Multi Zone	TM36H40	Non-Ducted Indoor Units	42500	11.50	10.000	2.01
	Single Zone	TW09HQ3D6DO	TW09HQ3D6DI	9000	15.00	13.043	2.09
	Single Zone	TW12HQ3D6DO	TW12HQ3D6DI	12200	14.00	12.174	2.73
	Single Zone	TW18HQ3D6DO	TW18HQ3D6DI	18000	12.00	10.435	2.03
	Single Zone	TW24HQ3D6DO	TW24HQ3D6DI	24000	12.00	10.435	2.07
<b>Trane</b>	Single Zone	4TXK3809A10NUAA	4MXW3809A10NUAA	9000	15.00	13.043	2.08
	Single Zone	4TXK3812A10NUAA	4MXW3812A10NUAA	12200	14.00	12.174	2.18
	Single Zone	4TXK3818A10NUAA	4MXW3818A10NUAA	18000	12.00	10.435	1.83
	Single Zone	4TXK3824A10NUAA	4MXW3824A10NUAA	24000	12.00	10.435	2.24
<b>Willis</b>	Single Zone	WUHO09KW25S	WUHI09KHW	10900	11.20	9.739	1.76
	Single Zone	WUHO12KW22S	WUHI12KHW	11800	12.00	10.435	1.80
	Single Zone	WUHO24KW20S	WUHI24KHW	24000	11.50	10.000	1.81

1. Reference: [www.nrcan.gc.ca/sites/oeo.nrcan.gc.ca/files/pdf/publications/infosource/pub/home/heating-heat-pump/booklet.pdf](http://www.nrcan.gc.ca/sites/oeo.nrcan.gc.ca/files/pdf/publications/infosource/pub/home/heating-heat-pump/booklet.pdf)

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