

SINGLE ZONE

MULTI ZONE

LIGHT COMMERCIAL

# Air Tempo



**2017 LINE UP**  
**MINI SPLITS CATALOG**  
Residential & Light Commercial Solutions

# WELCOME



## EXCELLENCE & INNOVATION

Every Air Tempo system is designed to be the best in its class. Only first class materials are used throughout the manufacturing of a Air Tempo system. A strict quality control is in place to insure the premium quality of all Air Tempo units. From engineering to after sales support our team of professionals strive to deliver customer satisfaction.

Through our commitment to excellence we have developed partnerships of qualified installers. These exclusive partnerships allow us to train, support and monitor our installations to ensure the best consumer experience in every region where we operate.

Our warranties are a testament to our quality innovations and our fully integrated process.



## SERVICE & SUPPORT

We believe that the best way to ensure the complete satisfaction of our customers is by offering the greatest service and support to our installers' network. This way, they will systematically propose optimal solutions and complete installations with unmatched professionalism.

We have developed all the necessary tools to provide the best after sales and service support.

### 4 Way Air Outlet

The louver can be adjusted vertically and horizontally this will help maximise the comfort of your home.

### Compact Design

With state of the art innovations such as an integrated evaporator and incorporated rear base casing our indoor units are more compact.

## What can I find in this catalog ?

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Want to know more about us and our products ?  
Visit our website [airtempo.ca](http://airtempo.ca)

# AIR TEMPO BENEFITS

## Auto Clean

After powering off, the cross fan stays operational until the inside of the indoor unit is dry, this way your unit will stay clean and healthy.



## Sleep Mode

Air Tempo comfy sleep curve will maintain the ideal temperature until morning to ensure your comfort.



## Quiet

The axial fan innovative design and the strengthened motor bracket will minimize the vibrations and noise level outside. The integrated rear base and evaporator makes our indoor unit one of the quietest.



## Intelligent Defrost

The defrosting operation is only performed when needed, this reduces energy waste by eliminating unnecessary defrost while maximising warm comfort.



## I Feel

The mini sensor in the remote controller senses the surrounding temperature. The air flow and set temperature of the indoor unit is adjusted accordingly for optimal comfort level. The integrated rear base and evaporator makes our indoor unit one of the quietest.



## High Efficiency

Cutting edge chips for precise inverter control high efficiency electronic expansion valves for precise refrigerant flow, optimized cross fan designed for larger air flow volume.

SINGLE-ZONE  
ATLAS

15 SEER INVERTER  
9,000 BTU TO 24,000 BTU

Air Tempo

SINGLE ZONE



ARYAN1F1F

- Auto Swing (vertical)
- Multiple Fan Speeds
- Dehumidify
- Intelligent Defrost
- Intelligent Pre-Heating
- Comfortable Sleep Mode
- LED Display
- Automatic Operation
- Self-diagnosis
- Memory Function
- Control Lock
- Fan Delay Function
- Timer

MODEL		MGW09KCH15S	MGW12KCH15S	MGW18KCH15S	MGW24KCH15S
Power Supply		208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph
Cooling Current	A	4.0	6.0	8.7	10.25
Rated Current Heating	A	9.0	9.0	11.1	12.2
<b>System Performance</b>					
Dehumidification	pt/h	1.69	2.96	3.8	5.28
Cooling Capacity	Btu/h	9,000 (5,000 - 11,300)	12,000 (3,600 - 12,500)	18,000 (7,200 - 20,000)	22,000 (8,600 - 23,200)
Heating Capacity	Btu/h	9,554 (5,300 - 12,000)	13,000 (5,300 - 13,500)	19,000 (7,400 - 23,500)	23,000 (8,700 - 26,000)
SEER/EER		15 / 9.47	15 / 9.2	15 / 8.5	15 / 9.5
HSPF/COP		8.5 / 3.50	8.5 / 3.05	9.0 / 3.0	8.5 / 2.93
<b>Indoor Unit</b>					
Airflow (L/H)	CFM	218 / 306	218 / 335	324 / 506	353 / 588
Sound Pressure Level (L/H)	dB(A)	34 / 43	36 / 44	36 / 48	36 / 52
Unit Dimensions (WxHxD)	in.	33.3 x 10.8 x 7.1	33.3 x 10.8 x 7.1	37.0 x 11.7 x 7.89	39.6 x 12.4 x 8.6
Net/Gross Weight	lbs	20 / 27	22 / 29	27 / 33	33 / 41
<b>Outdoor Unit</b>					
Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY
Sound Pressure Level	dB(A)	52	53	56	59
Unit Dimensions	in.	28.0 x 21.7 x 12.5	28.0 x 21.7 x 12.5	37.6 x 27.6 x 15.6	37.6 x 27.6 x 15.6
Net/Gross Weight	lbs	62 / 66	66 / 71	101 / 111	115 / 125
Refrigerant/Charge	oz.	R410A / 26.1	R410A / 35.3	R410A / 63.5	R410A / 65.3
Line Set Size (Liquid - Suction)	in.	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 5/8
Max. Line Run	ft	49	66	82	82
Max. Elevation	ft	33	33	33	33
MCA	A	10	10	17	17
MOCP	A	15	15	25	25
Wire Size/# Wires		14AWG*4 Stranded, unshielded			

SINGLE-ZONE  
TITAN

16 SEER INVERTER  
9,000 BTU TO 24,000 BTU

Air Tempo

SINGLE ZONE



ARYAN1F1F

- Pan Heater
- Heated belt around compressor
- Optional Wired Controller

- Auto Swing (vertical)
- Multiple Fan Speeds
- Dehumidify
- Intelligent Defrost
- Intelligent Pre-Heating
- Comfortable Sleep Mode
- LED Display

- Automatic Operation
- Self-diagnosis
- Memory Function
- Control Lock
- Fan Delay Function
- Timer
- Extended Warranties available

MODEL		WAT09KCH16S	WAT12KCH16S	WAT18KCH16S	WAT24KCH16S
Power Supply		208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph
Rated Cooling Current	A	5.8	6.0	11.5	12.0
Rated Current Heating	A	6.0	6.7	11.5	12.2
<b>System Performance</b>					
Dehumidification	pt/h	1.69	2.96	3.80	5.28
Cooling Capacity	Btu/h	9,000 (3,099 - 9,599)	12,000 (3,753 - 12,500)	18,000 (7,165 - 20,000)	22,000 (8,630 - 23,200)
Heating Capacity	Btu/h	9,500 (3,100 - 12,000)	13,000 (3,924 - 14,000)	19,000 (7,336 - 23,498)	23,000 (8,650 - 26,000)
SEER/EER		16 / 10.0	16 / 9.23	16 / 9.37	16 / 9.73
HSPF/COP		9.0 / 3.48	9.0 / 3.05	9.0 / 2.78	9.0 / 2.93
<b>Indoor Unit</b>					
Airflow (L/H)	CFM	171 / 318	194 / 400	282 / 471	530 / 706
Sound Pressure Level (L/H)	dB(A)	28 / 43	29 / 45	35 / 46	36 / 48
Unit Dimensions (WxHxD)	in.	31.1 x 10.8 x 7.9	33.3 x 11.4 x 8.2	38.2 x 11.8 x 8.8	42.4 x 12.8 x 9.7
Net/Gross Weight	lbs	20 / 24	23.1 / 29	29.8 / 36	37.5 / 45
<b>Outdoor Unit</b>					
Compressor Type		SWING	SWING	ROTARY	ROTARY
Sound Pressure Level	dB(A)	52	53	56	59
Unit Dimensions	in.	30.6 x 21.3 x 12.6	30.6 x 21.3 x 12.6	37.6 x 27.6 x 15.6	37.6 x 27.6 x 15.6
Net/Gross Weight	lbs	65 / 71	69 / 75	96 / 106	110 / 120
Refrigerant/Charge	oz.	R410A / 24.7	R410A / 30.0	R410A / 49.4	R410A / 65.3
Line Set Size (Liquid - Gas)	in.	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	1/4" - 5/8"
Max. Line Run	ft	49.2	49.2	82	82
Max. Elevation	ft	32.8	32.8	32.8	32.8
MCA	A	9	9	16	16
MOCP	A	15	15	25	25
Wire Size/# Wires		16AWG*4 Stranded, unshielded			

SINGLE-ZONE  
HELIOS

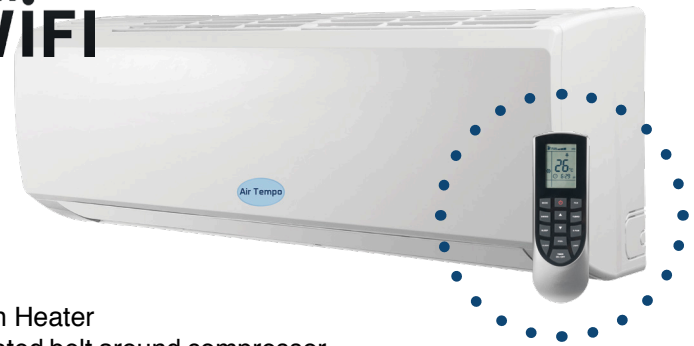
23-18 SEER INVERTER  
9,000 BTU TO 36,000 BTU

Air Tempo

SINGLE ZONE



WIFI



ARYAN1F1F

- Pan Heater
- Heated belt around compressor
- Optional Wired Controller
- Optional Wifi

- Auto Swing (vertical)
- Multiple Fan Speeds
- Dehumidify
- Intelligent Defrost
- Intelligent Pre-Heating
- Comfortable Sleep Mode
- LED Display

- Automatic Operation
- Self-diagnosis
- Memory Function
- Control Lock
- Fan Delay Function
- Timer
- Extended Warranties available

MODEL		WCM09MH23S	WCM12MH22S	WCM18MH20S	WCM24MH20S	WCM30MH18S	WCM36MH18S
Power Supply		208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph
Rated Current Cooling	A	5.8	6	10.4	14.5	17	20
Rated Current Heating	A	6	6.3	12.6	14.5	17.5	20
<b>System Performance</b>							
Dehumidification	pt/h	1.69	2.96	3.80	4.23	6.34	7.40
Cooling Capacity	Btu/h	9,000 (3,100 - 9,600)	12,000 (3,100 - 13,000)	18,000 (6,800 - 20,000)	22,000 (6,820 - 27,000)	28,000 (9,490 - 30,030)	33,600 (7,400 - 36,000)
Heating Capacity	Btu/h	11,000 (1,911 - 12,000)	13,000 (2,400 - 14,000)	19,800 (7,340 - 23,500)	23,000 (6,820 - 30,710)	28,400 (10,000 - 32,990)	34,600 (14,980 - 36,000)
SEER/EER		23 / 14.29	22 / 12.50	20 / 12.50	20 / 12.50	18 / 10.40	18 / 8.20
HSPF/COP		10.5 / 3.16	11.0 / 3.46	10.0 / 3.35	10 / 3.37	9.0 / 3.0	9 / 2.7
<b>Indoor Unit</b>							
Airflow (L/H)	CFM	171 / 377	171 / 400	335 / 559	530 / 706	412 / 706	412 / 736
Sound Pressure Level (L/H)	dB(A)	29 / 43	29 / 45	39 / 47	36 / 48	37 / 51	37 / 54
Unit Dimensions (WxHxD)	inch	33.4 x 11.4 x 8.2	33.4 x 11.4 x 8.2	38.2 x 11.8 x 8.8	42.4 x 12.8 x 9.7	53.1 x 12.8 x 10	53.1 x 12.8 x 10
Net/Gross Weight	lbs	22.1 / 26.5	22.1 / 26.5	27.6 / 34.2	34.2 / 41.9	41.9 / 51.8	41.9 / 51.8
<b>Outdoor Unit</b>							
Compressor Type		SWING	SWING	ROTARY	ROTARY	ROTARY	ROTARY
Sound Pressure Level	dB(A)	53	54	55	59	62	65
Unit Dimensions (WxHxD)	inch	33.4 x 21.3 x 12.6	33.4 x 23.6 x 12.6	37.6 x 27.6 x 15.6	38.6 x 31.1 x 16.8	38.6 x 31.1 x 16.8	38.6 x 31.1 x 16.8
Net/Gross Weight	lbs	78 / 84	86 / 93	105 / 115	142 / 153	154 / 165	161 / 172
Refrigerant/Charge	Oz.	R410A / 45.9	R410A / 47.6	R410A / 56.4	R410A / 77.6	R410A / 84.6	R410A / 91.7
Line Set Size (Liquid - Gas)	in.	1/4" - 3/8"	1/4" - 1/2"	1/4" - 5/8"	1/4" - 5/8"	1/4" - 5/8"	1/4" - 5/8"
Max. Pipe Length	ft	49.2	65.6	82	82	98.4	98.4
Max. Elevation	ft	32.8	32.8	32.8	32.8	32.8	32.8
MCA	A	9	9	16	20	20	24
MOCP	A	15	15	25	30	30	40
Wire Size/# Wires		14AWG*4 Stranded, unshielded					

\*WCM30MH18S and WCM36MH18S are not Energy Star

**SINGLE-ZONE  
TOSOT SERIES**

**38-21.5 SEER INVERTER  
9,000 BTU TO 24,000 BTU**

**TOSOT**  
SINGLE ZONE



ARYAG1FBF

- Ultra Heat
- Ultra Efficient
- Extended pipe length
- Optional Wifi
- Auto Swing (Vertical&Horizontal)
- Heated Belt Around Compressor
- Optional Wired controller
- Pan Heater
- Intelligent Defrost
- Intelligent Pre-Heating
- Comfortable Sleep Mode
- LED Display
- Automatic Operation
- Self-diagnostic
- Memory Function
- Control Lock
- Fan Delay Function
- Timer
- Extended Warranties available

MODEL		TW09HQ3D6D	TW12HQ3D6D	TW18HQ3D6D	TW24HQ3D6D
Power Supply		208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph
Rated Current Cooling	A	6.2	6.5	10.8	16.4
Rated Current Heating	A	6.9	6.9	10.8	16.4
<b>System Performance</b>					
Dehumidification	pt/h	1.69	2.96	3.8	5.2
Cooling Capacity	Btu/h	9,000 (1,535 - 12,996)	12,000 (2,900 - 15,354)	18,000 (4,094 - 21,837)	22,000 (6,800 - 30,700)
Heating Capacity	Btu/h	9,000 (2,388 - 13,648)	12,200 (3,071 - 18,766)	18,000 (4,094 - 24,566)	24,000 (6,800 - 32,000)
SEER/EER		38 / 16.50	30.5 / 15.30	24.5 / 13.53	21.5 / 13.00
HSPF/COP		15 / 4.47	14 / 3.80	12 / 3.52	12 / 3.5
<b>Indoor Unit</b>					
Airflow (L/H)	CFM	206 / 424	235 / 500	353 / 736	383 / 824
Sound Pressure Level (L/H)	dB(A)	19 / 43	22 / 49	34 / 51	34 / 52
Unit Dimensions (WxHxD)	inch	39.2 x 11.8 x 8.8	39.2 x 11.8 x 8.8	43.3 x 12.8 x 9.8	43.3 x 12.8 x 9.8
Net/Gross Weight	lbs	29.8 / 36.4	29.8 / 36.4	36.4 / 44.1	36.4 / 43
<b>Outdoor Unit</b>					
Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY
Sound Pressure Level	dB(A)	53	53	59	59
Unit Dimensions (WxHxD)	inch	35.3 x 23.4 x 14.8	35.3 x 23.4 x 14.8	38.5 x 31.1 x 16.8	38.5 x 31.1 x 16.8
Net/Gross Weight	lbs	99.2 / 105.8	99.2 / 105.8	141.1 / 152.1	147.7 / 158.8
Refrigerant / Charge		R410A / 45.9	R410A / 49.4	R410A / 74.1	R410A / 81.1
Line Set Size (Liquid - Gas)	in.	1/4" - 1/2"	1/4" - 1/2"	1/4" - 5/8"	1/4" - 5/8"
Max. Pipe Length	ft	98.4	98.4	131.2	164
Max. Elevation	ft	49.2	49.2	65.6	98.4
MCA	A	9	9	22	22
MOCP	A	15	15	30	35
Wire Size/# Wires		14AWG*4 Stranded, unshielded			

# MULTI ZONE

## MULTI-ZONE OUTDOOR SERIES

### MULTI ZONE OUTDOOR SERIES

18,000 - 56,000 BTU

16 SEER

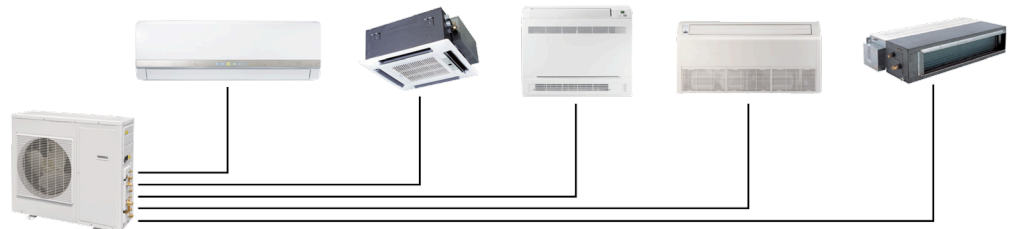
MULTI-MIX  
18,000 - 42,000 BTU  
16 SEER

SUPER MULTI-MIX  
48,000 - 56,000 BTU  
16 SEER

### MULTI ZONE INDOOR UNIT

- Wallmount
- Console
- Floorceiling
- Slimduct
- Cassette

### MULTI-MIX (MULTI PORTS)



MODELS Outdoor Unit			MZO 18KCH16S	MZO 24KCH16S	MZO 30KCH16S	MZO 36KCH16S	MZO 42KCH16S	MZO 48KCH16S	MZO 56KCH16S
Number of ports			2 ports	3 ports	4 ports	4 ports	5 ports	Up to 8 units	Up to 9 units
Capacity	Cooling	Btu/h	18,000 (7,000-21,000)	26,000 (7,500-33,000)	29,000 (7,500-34,000)	34,000 (8,530-34,120)	41,000 (8,530-46,403)	48,000 (3,410-54,590)	53,000 (3,410-61,420)
	Heating	Btu/h	19,000 (8,530-22,600)	29,000 (7,500-35,000)	30,500 (7,500-36,000)	35,800 (10,662-40,944)	44,500 (10,662-47,768)	54,500 (4,090-59,370)	61,500 (4,090-63,120)
SEER			16	16	16	16	16	16	16
HSPF / COP			8.20	8.20	8.20	8.20	8.00	8.20	8.20
Power Supply			208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph
Airflow		CFM	1,530	1,530	1,530	2,177	3,237	3,766	4,120
Operating Range	Cooling	°C	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43
		°F	23 ~ 109	23 ~ 109	23 ~ 109	23 ~ 109	23 ~ 109	23 ~ 109	23 ~ 109
	Heating	°C	-20 ~ 20	-20 ~ 20	-20 ~ 20	-20 ~ 20	-20 ~ 20	-20 ~ 20	-20 ~ 20
		°F	-5 ~ 68	-5 ~ 68	-5 ~ 68	-5 ~ 68	-5 ~ 68	-5 ~ 68	-5 ~ 68
Sound Pressure Level		dB(A)	66	66	66	69	68	65	67
Piping Connection	Gas	inch	2x3/8	3x3/8	4x3/8	2x3/8 & 1x1/2 & 1x5/8	2x3/8 & 2x1/2 & 1x5/8	5/8	5/8
	Liquid	inch	2x1/4	3x1/4	4x1/4	3x1/4 & 1x3/8	4x1/4 & 1x3/8	3/8	3/8
Dimensions WxHxD		inch	35.4x23.5 x14.9	37.2x27.6 x15.6	37.2x27.6 x15.6	36.2x31.1 x16.8	40x43.4 x17.3	53.14x35.44 x13.39	53.14x35.44 x13.39
Net/Gross Weight		Lbs	94.8/105.8	134.5/145.5	136.7/147.7	152.6/165	225/247	255.74	255.74
Max. Total Distance		ft.	66	230	230	230	262	443	476
Max. Single Distance		ft.	33	66	66	66	82	180	180
Max Elevation		ft.	16	33	33	49	49	98	98
Refrigerant Charge		Lbs	25	25	25	25	25	25	25
MOCP		A	13	20	26	28	29	30	30



# MULTI ZONE

## INDOOR UNIT

MULTI-ZONE  
INDOOR SYSTEM  
WALLMOUNT

9,000 BTU TO 18,000 BTU  
Easy Install

Air Tempo

MULTI-ZONE

WARRANTY  
FLEXIBLE  
WARRANTY



ARYB1FA

MODEL			MZI09KCH16S	MZI12KCH16S	MZI18KCH16S
Cooling/Heating Capacity	Btu/h		9,000/9,800	12,000/13,000	18,000/19,790
Sound Pressure Level (L/H)	dB(A)		33 / 44	33 / 44	35 / 49
Dehumidification	pt/h		1.69	2.96	3.8
Air Flow (L/H)	CFM		218 / 306	218/335	324/500
Dimensions (WxHxD)	in.		33.4 x 11.4 x 8.2	33.4 x 11.4 x 8.2	37 x 11.7x 7.9
Net/Gross Weight	lbs		22.1 / 27.6	22.1 / 27.6	28.7 / 35.3
Piping Connection	Liquid	in.	1/4	1/4	1/4
	Gas	in.	3/8	3/8	1/2

MULTI-ZONE  
INDOOR SYSTEM  
CONSOLE

9,000 BTU TO 12,000 BTU  
Floor Warming Function

Air Tempo

MULTI-ZONE

WARRANTY  
FLEXIBLE  
WARRANTY



ARYAA1FB1

MODEL			MZC09KCH16S	MZC12KCH16S
Cooling/Heating Capacity	Btu/h		9,000/9,500	12,000/13,000
Sound Pressure Level	dB(A)		25 / 40	27 / 43
Dehumidification (L/H)	pt/h		1.69	2.95
Air Flow (L/H)	CFM		188/382	206/441
Dimensions (WxHxD)	in.		27.6 x 23.6 x 8.5	27.6 x 23.6 x 8.5
Net/Gross Weight	lbs		33.1 / 39.7	33.1 / 39.7
Piping Connection	Liquid	in.	1/4	1/4
	Gas	in.	3/8	3/8

**MULTI-ZONE  
INDOOR SYSTEM  
FLOORCEILING**

9,000 BTU TO 24,000 BTU  
Wide Air Discharge

Air Tempo

MULTI-ZONE



ARYT1F

MODEL		FC09KCH16S	FC12KCH16S	FC18KCH16S	FC24KCH16S
Cooling/Heating Capacity	Btu/h	8,500/9,500	11,900/13,100	17,000/18,700	22,800/27,400
Sound Pressure Level	dB(A)	36 / 40	36 / 40	40 / 45	44 / 48
Dehumidification	pt/h	1.69	2.96	3.80	5.28
Air Flow	CFM	265/383	265/383	294/559	412/736
Dimensions (WxHxD)	in.	48.0x27.6x8.9	48.0x27.6x8.9	48.0x27.6x8.9	48.0x27.6x8.9
Net/Gross Weight	lbs	88.1/110.2	88.1/110.2	88.1/110.2	99.2/119
Piping Connection	Liquid	in.	1/4	1/4	3/8
	Gas	in.	3/8	3/8	1/2

**MULTI-ZONE  
INDOOR SYSTEM  
SLIMDUCT**

9,000 BTU TO 24,000 BTU  
Powerful & Concealed

Air Tempo

MULTI-ZONE



ARXK19

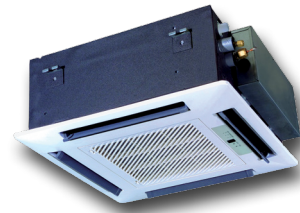
MODEL		DT09KCH16S	DT12KCH16S	DT18KCH16S	DT24KCH16S
Cooling/Heating Capacity	Btu/h	8,500/9,500	11,900/13,100	15,300/18,700	23,800/27,400
Sound Pressure Level (L/H)	dB(A)	31 / 37	32 / 39	33 / 41	34 / 42
Dehumidification	pt/h	1.69	2.96	3.8	5.3
Air Flow (L/H)	CFM	147/265	176/324	294/412	324/588
Dimensions (WxHxD)	in.	27.6x7.9x24.2	27.6x7.9x24.2	35.4x7.9x24.2	43.3x7.9x24.2
Net/Gross Weight	lbs	48.5/60	50.7/64	59.5/79	68.3/90
Piping Connection	Liquid	in.	1/4	1/4	3/8
	Gas	in.	3/8	3/8	1/2
ESP	InWg	0.25/0.4	0.3/0.4	0.32/0.4	0.35/0.4

**MULTI-ZONE  
INDOOR SYSTEM  
CASSETTE**

12,000 BTU TO 24,000 BTU  
Breeze Free Discharge

Air Tempo

MULTI-ZONE



ARYT1F

MODEL		CT12KCH16S	CT18KCH16S	CT24KCH16S
Cooling/Heating Capacity	Btu/h	12,000/13,000	15,354/17,000	22,800/27,400
Sound Pressure Level (L/H)	dB(A)	42 / 46	42 / 46	35 / 39
Dehumidification	pt/h	2.96	3.80	5.28
Air Flow (L/H)	CFM	265/353	265/353	500/694
Dimensions (WxHxD)	body	in.	22.4x9.1x22.4	22.4x9.1x22.4
	panel	in.	25.5x1.9x25.5	25.5x1.9x25.5
Net/Gross Weight	lbs	39.6/51	39.6/51	61.7/77
Piping Connection	Liquid	in.	1/4	3/8
	Gas	in.	3/8	1/2

# MULTI-MIX COMBINATIONS POSSIBILITIES

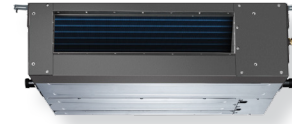
COMBINATIONS	MZO18KCH16S	MZO24KCH16S	MZO30KCH16S	MZO36KCH16S	MZO42KCH16S
09 + 09	●	●	●	●	
09 + 12	●	●	●	●	
09 + 18		●	●	●	
09 + 24				●	
12 + 12		●	●	●	
12 + 18		●	●	●	
12 + 24				●	
18 + 18		●	●	●	
18 + 24				●	
24 + 24				●	
09 + 09 + 09		●	●	●	●
09 + 09 + 12		●	●	●	●
09 + 09 + 18		●	●	●	●
09 + 09 + 24				●	●
09 + 12 + 12		●	●	●	●
09 + 12 + 18			●	●	●
09 + 12 + 24				●	●
09 + 18 + 18				●	●
09 + 18 + 24				●	●
09 + 24 + 24					●
12 + 12 + 12		●	●	●	●
12 + 12 + 18			●	●	●
12 + 12 + 24				●	●
18 + 18 + 18				●	●
18 + 18 + 24					●
09 + 09 + 09 + 09			●	●	●
09 + 09 + 09 + 12			●	●	●
09 + 09 + 09 + 18				●	●
09 + 09 + 09 + 24				●	●
09 + 09 + 12 + 12			●	●	●
09 + 09 + 12 + 18				●	●
09 + 09 + 18 + 18				●	●
09 + 12 + 12 + 12				●	●
09 + 12 + 12 + 18				●	●
09 + 12 + 12 + 24					●
09 + 12 + 18 + 18					●
09 + 18 + 18 + 18					●
12 + 12 + 12 + 12				●	●
12 + 12 + 12 + 18					●
12 + 12 + 12 + 24					●
12 + 12 + 18 + 18					●
09 + 09 + 09 + 09 + 09					●
09 + 09 + 09 + 09 + 12					●
09 + 09 + 09 + 09 + 18					●
09 + 09 + 09 + 09 + 24					●
09 + 09 + 09 + 12 + 12					●
09 + 09 + 09 + 12 + 18					●
09 + 09 + 09 + 18 + 18					●
09 + 09 + 12 + 12 + 12					●
09 + 09 + 12 + 12 + 18					●
09 + 12 + 12 + 12 + 12					●
09 + 12 + 12 + 12 + 18					●
12 + 12 + 12 + 12 + 12					●

# Air Tempo

# LIGHT COMMERCIAL

## PRODUCT LINEUP

- Duct Type
- Cassette Type
- Floor or Ceiling Type



ARXK60



ARYB1FAF



ARYB1FAF

### DUCT

MODEL			Ductable unit LCD-KCH16S with outdoor unit LCO-KCH16S						
			18	24	30	36	42	48	
Capacity	Cooling	BTU/h	17,100 (5,400-19,800)	23,800 (7,400-29,000)	28,200 (8,200-29,600)	34,000 (10,800-39,000)	39,500 (12,000-42,500)	48,000 (20,400-49,500)	
	Heating	BTU/h	18,800 (4,700-23,200)	27,200 (8,200-32,400)	31,200 (8,200-33,600)	41,000 (9,800-49,500)	44,000 (13,000-52,500)	54,500 (17,500-58,000)	
SEER/HSPF			16.00/9.50	16.00/9.00	16.00/9.00	16.00/9.00	16.00/9.00	16.00/9.00	
Power supply		V/ph/hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	
Rated current input	Cooling	A	12.79	19.44	19.95	23.79	24.55	34.27	
	Heating	A	12.28	20.46	20.97	24.30	24.81	34.27	
Refrigerant charge		Oz	49.4	77.6	84.7	123.5	130.5	141.1	
COP		WW	3.33	3.39	2.97	3.20	3.33	3.11	
Dehumidification		Pint/h	1.4	1.9	2.2	2.7	3.0	3.8	
Indoor Unit	Airflow	CFM	585	820	820	1,175	1,175	1,470	
	ESP	inWg	0.12	0.3	0.3	0.4	0.4	0.5	
	Sound pressure level (L/H)	dB(a)	28/40	40/47	40/47	44/53	44/53	45/55	
	dimensions (WxHxD)	Outline	inch	40.8x10.5x28.4	50.4x10.6x22.0	50.4x10.6x22.0	48.3x11.4x30.5	48.3x11.4x30.5	52.8x13.8x29.5
	Weight	Net/gross	Lbs	72.8/83.8	75.0/86.0	77.2/86.0	101.4/116.9	101.4/116.9	123.5/143.3
Outdoor unit	Sound Pressure level	dB(a)	56	57	58	63	61	59	
	Dimensions (WxHxD)	Outline	inch	37.6x27.6x15.6	38.6x31.1x16.8	38.6x31.1x16.8	43.6x43.3x17.3	37.7x53.1x16.2	37.7x53.1x16.2
	Weight	Net/Gross	Lbs	105.8/114.7	152.1/163.2	158.8/168.8	205.1/222.7	209.5/231.5	231.5/253.6
Connection pipe diameter		Liquid	inch	1/4	3/8	3/8	3/8	3/8	3/8
		Gas	inch	1/2	5/8	5/8	5/8	5/8	5/8
Maximum pipe length		ft	65.6	98.4	98.4	98.4	164	164	
Maximum elevation		ft	49.2	49.2	49.2	49.2	98.4	98.4	
MOCP		A	25	40	40	45	50	70	

## CASSETTE

MODEL			Cassette LCC--KCH16S with outdoor unit LCO--KCH16S						
			18	24	30	36	42	48	
Capacity	Cooling	BTU/h	17,100 (5,400-18,700)	23,800 (8,200-29,000)	28,200 (8,800-31,400)	34,000 (10,800-39,000)	39,500 (11,000-41,000)	48,000 (20,400-50,500)	
	Heating	BTU/h	18,400 (4,700-22,200)	27,200 (8,200-32,400)	31,200 (8,200-33,600)	41,000 (9,800-49,500)	44,000 (12,000-51,000)	54,500 (17,500-61,500)	
SEER/HSPF			16.00/9.50	16.00/9.00	17.00/9.00	16.00/9.00	16.00/9.00	16.00/9.00	
Power supply		V/ph/hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	
Rated Current Input	Cooling	A	12.79	19.44	19.95	23.79	24.30	34.27	
	Heating	A	12.28	20.46	20.97	24.30	25.06	33.25	
Refrigerant Charge		Oz	43.5	77.6	84.7	123.5	130.5	141.1	
COP		WW	3.00	3.39	3.68	3.20	2.92	3.3	
Dehumidification		Pint/h	1.8	2.4	3.0	3.4	3.7	4.5	
Indoor Unit	Airflow		CFM	445	765	880	1,095	1,095	1,350
	Sound pressure level (L/H)		dB(a)	37/47	38/47	40/49	43/51	43/51	41/53
	Body dimensions (WxHxD)	Outline	inch	26.2x9.4x23.5	36.1x9.4x33.1	36.1x12.6x33.1	36.1x12.6x33.1	36.1x12.6x33.1	35.8x11.4x35.8
	Body Weight	Net/gross	Lbs	44.1/49	59.5/63	70.6/74	70.6/74	70.6/74	94.8/97
	Panel dimensions (WxHxD)	Outline	Inch	26.4x2.0x26.4	37.5x2.4x37.5	37.5x2.4x37.5	37.5x2.4x37.5	37.5x2.4x37.5	40.9x2.6x40.9
	Panel Weight	Net/gross	Lbs	7.7/11.0	15.4/24.3	15.4/24.3	15.4/24.3	15.4/24.3	17.6/26.5
Outdoor unit	Sound Pressure level		dB(a)	56	57	58	63	61	59
	Dimensions (WxHxD)	Outline	inch	37.6x27.6x15.6	38.6x31.1x16.8	38.6x31.1x16.8	43.6x43.3x17.3	37.7x53.1x16.2	37.7x53.1x16.2
	Weight	Net/Gross	Lbs	105.8/114.7	152.1/163.2	158.8/168.8	205.1/222.7	209.5/231.5	231.5/253.6
Connection pipe diameter		Liquid	inch	1/4	3/8	3/8	3/8	3/8	3/8
		Gas	inch	1/2	5/8	5/8	5/8	5/8	5/8
Maximum pipe length		ft	65.6	98.4	98.4	98.4	164	164	
Maximum elevation		ft	49.2	49.2	49.2	49.2	98.4	98.4	
MOCP		A	25	40	40	45	50	70	

## FLOOR CEILING

MODEL			Floor/Ceiling unit LCF--KCH16S with outdoor unit LCO--KCH16S						
			18	24	30	36	42	48	
Capacity	Cooling	BTU/h	17,100 (5,400-19,800)	23,800 (8,200-27,800)	28,200 (8,800-31,400)	34,000 (10,800-39,000)	39,500 (12,000-42,500)	48,000 (20,400-50,500)	
	Heating	BTU/h	19,100 (4,700-23,200)	27,200 (8,200-30,600)	31,200 (8,200-33,600)	41,000 (9,800-49,500)	44,000 (13,000-52,500)	54,500 (17,500-61,500)	
SEER/HSPF			17.00/9.50	16.00/9.00	17.00/9.00	16.00/9.00	16.00/9.00	16.00/9.00	
Power supply		V/ph/hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	
Rated Current Input	Cooling	A	12.79	19.44	19.95	23.79	24.55	34.27	
	Heating	A	12.28	20.46	20.97	24.30	24.81	34.27	
Refrigerant charge		Oz	49.4	77.6	84.7	123.4	130.5	141.1	
COP		WW	3.61	3.39	3.54	3.20	3.21	3.48	
Dehumidification		Pint/h	1.6	2.1	2.6	3.2	3.4	4.2	
Indoor Unit	Airflow		CFM	585	705	880	1,115	1,115	1,350
	Sound pressure level (L/H)		dB(a)	32/44	40/49	38/49	46/54	47/55	46/56
	Dimensions (WxHxD)	Outline	inch	48.0x27.6x8.9	48.0x27.6x8.9	55.9x27.6x9.6	55.9x27.6x9.6	55.9x27.6x9.6	66.9x27.6x9.6
	Weight	Net/gross	Lbs	86.0/105.8	88.2/110.3	105.8/123.5	105.8/123.5	110.3/127.9	130.1/149.9
Outdoor unit	Sound Pressure level		dB(a)	56	57	58	63	61	59
	Dimensions (WxHxD)	Outline	inch	37.6x27.6x15.6	38.6x31.1x16.8	38.6x31.1x16.8	43.6x43.3x17.3	37.7x53.1x16.2	37.7x53.1x16.2
	Weight	Net/Gross	Lbs	105.8/114.7	152.1/163.2	158.8/168.8	205.1/222.7	209.5/231.5	231.5/253.6
Connection pipe diameter		Liquid	inch	1/4	3/8	3/8	3/8	3/8	3/8
		Gas	inch	1/2	5/8	5/8	5/8	5/8	5/8
Maximum pipe length		ft	65.6	98.4	98.4	98.4	164	164	
Maximum elevation		ft	49.2	49.2	49.2	49.2	98.4	98.4	
MOCP		A	25	40	40	45	50	70	

# MINI VRF - AHU KIT - AIR HANDLER



## MINI VRF ULTRA HEAT

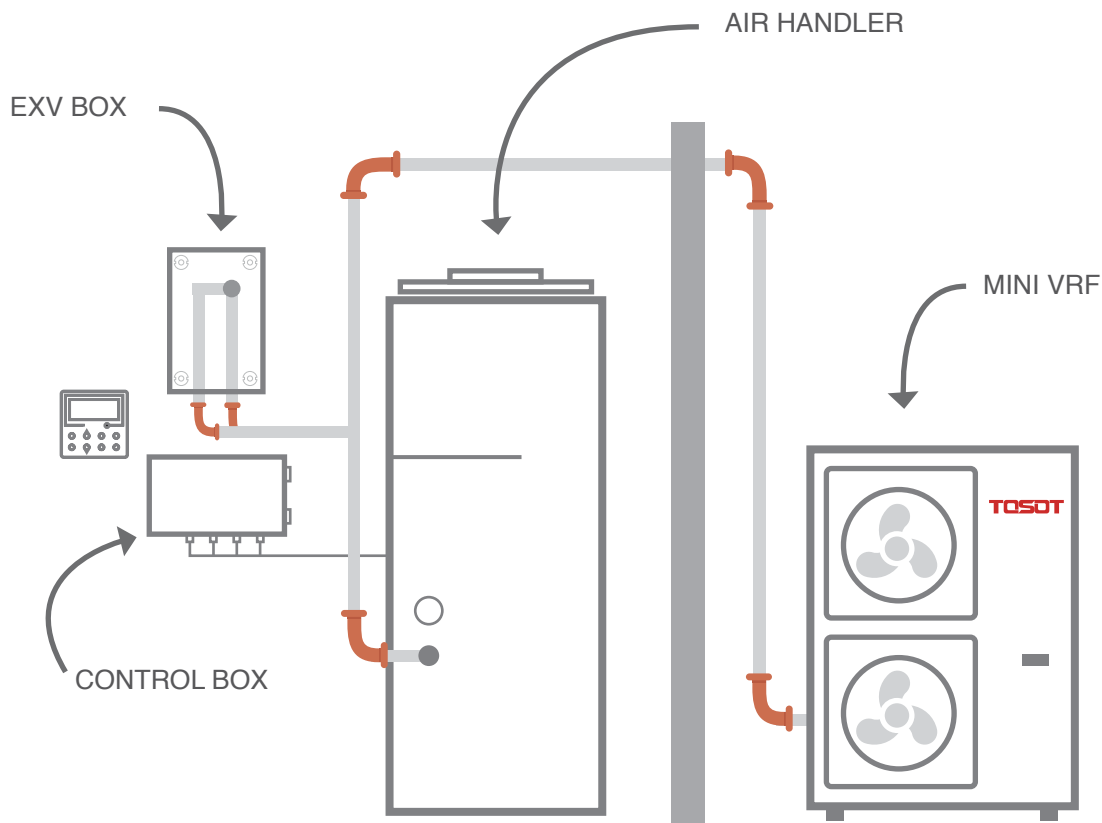
100% Heating Capacity at  $-20^{\circ}\text{C}$   
Stable Operation Under  $-30^{\circ}\text{C}$

### THE FUTURE OF UNITARY REPLACEMENT

### FEATURES

- High efficiency
- System flexibility
- Compact Design
- Ultra Quiet Operation

When we connect our single phase mini VRF to an AHU kit (modulating system) it can operate with any existing IDU (fan coils, air handlers...) and dramatically increase the overall performance of the existing system. The benefits of the replacement market include: increasing the efficiency and capacity, sound level and used space reduction, the possibility of adding some extra wall units in a room where the duct work wasn't conceived properly, replacing several outdoor systems with only one.





### WANT MORE INFORMATION ?

We'll be there for you



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Saint-Laurent (QC) H4T 1C3



+1 (514) 735-7147



info@airtempo.ca



airtempo.ca

### WARRANTY

The warranty of our products are 5 years on compressor and 1 year on parts. We also propose extended warranties depending on your needs. For more information visit our website [airtempo.ca](http://airtempo.ca)



United States, Canada &  
Latin America

## GLOSSARY

### AIRFLOW

A measure of the amount of air per unit of time that passes through the device. It is measured either in CFM (cubic foot per minute) or m<sup>3</sup>/h (cubic meter per hour).

### COP

COP stands for Coefficient of Performance. It is the ratio between the cooling or heating provided and the electrical power consumption.

### EER

EER stands for Energy Efficiency Rating.

It measures the ratio of output power to the input power.

### REFRIGERANT

A refrigerant is the substance used to «move» the heat outside (or inside) of the room where the device is. We use the refrigerant R-410A as it is environment friendly and allows for the design of smaller and more efficient systems compared to R-22.

### BTU/h

BTU or Btu is the British thermal unit. It is the amount of energy needed to cool or heat 1 pound of water by 1°F. The Btu/h is the unit of power used in HVAC. It corresponds to approximately 0.29 Watt.

### DEHUMIDIFICATION

A measure of the amount of water per unit of time that the device is able to extract from the ambient air. It is measured in Pth.

### HSPF

HSPF stands for Heating Seasonal Performance Factor. It is the ratio between the seasonal heating output and the electricity used.

### SEER

SEER stands for Seasonal Energy Efficiency Ratio. It is the ratio between the seasonal cooling output and the electricity used.

### SOUND PRESSURE LEVEL

Sound Pressure is the force of a sound on a surface perpendicular to its direction. It is measured in Pa (Pascal). The lowest sound pressure that can be heard is 2x10 Pa. The Sound Pressure Level is a comparison of the measured sound to the lowest sound pressure hearable. The units are expressed in terms of dB (decibel) which is not linear, that is, if the pressure is doubled, the Sound Pressure Level increases by 6dB. For example, the lowest hearable sound is 0dB while a quiet room is 40dB.



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