

TCL AC

**LIGHT COMMERCIAL
HVAC BROCHURE**

TCL AC

LIGHT COMMERCIAL SERIES



HIGH EFFICIENCY AND ENERGY SAVINGS/SINGLE ZONE



FULL DC DESIGN

DC inverter compressor and motor ensure increased energy savings and reliability of the system.



SMART DEFROSTING

Precision defrost sensor accurately determines defrost cycle duration allowing the system to provide heat when you need it most.



WIDE TEMPERATURE OPERATION

Standard base pan heater ensures reliable heating operation down from -13°F to 75°F and cooling from 5°F to 136°F.



MULTIPLE PROTECTIONS

Voltage Protection-Overheating Protection-Temperature Protection-Overcurrent Protection-Loss Phase Protection



REFRIGERANT LEAKAGE ALARM

If a refrigerant leak occurs, the unit will shut down to prevent further damage to the system.



HOTEL MODE

The AC can be controlled automatically based on the status of doors or windows being opened or closed, and through the fire alarm system for emergency management.



With a lineup of award-winning televisions, audio products, mobile devices, and HVAC products, TCL delivers meaningful experiences through thoughtful design and the latest technology, helping you enjoy more of the things you love.



Single Zone Universal Outdoor - BreezeIN 24 Series

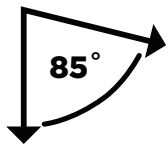
MODEL NUMBER	H09SBH23XPC		H12SBH23XPC		H18SBH22XPC		H24SBH20XPC	
System Type	Heat Pump							
SYSTEM PERFORMANCE	SEE INDIVIDUAL INDOOR UNIT SPECIFICATION							
ELECTRICAL								
Power Supply	208-230V / 1Ph / 60Hz							
Voltage Range (Min - Max)	V		165-265					
Rated Current	Coolin	A	3	4.2	6.2	8.3		
	Heatin	A	3.3	4	6.1	9		
Min. Circuit Ampacity - MCA	A		10	10	12	17		
Max. Circuit Breaker (MOPA)	A		15	15	20	30		
Max. FUSE Size	A		15	15	20	30		
Main Power Wire Size	AWG		Per Local Code					
Connection Wiring	AWG		16AWG*4 Stranded, unshielded, TC-ER Type					
Communication Protocol Btwn. IDU & ODU	Current Loop							
REFRIGERANT PIPING								
Refrigerant Type / Charged	oz	R454b / 25.04		R454b / 35.27		R454b / 45.5		R454b / 55.03
Pre-Charge Length Total	ft (m)	25 (7.5)		25 (7.5)		25 (7.5)		25 (7.5)
Additional Charge	oz/ft	0.11		0.11		0.11		0.11
Design Pressure	PSIG	725		725		725		725
Line Set Size (Liquid - Gas)	in	1/4 - 3/8		1/4 - 3/8		1/4 - 1/2		1/4 - 5/8
Line Set Length (Min - Max)	ft (m)	10 - 65 (3 - 20)		10 - 65 (3 - 20)		10 - 82 (3 - 25)		10 - 98 (3 - 30)
Max. Line Set Elevation	ft (m)	33 (10)		33 (10)		50 (15)		65 (20)
OUTDOOR UNIT DATA								
Refrigerant Type	R454b							
Throttle Type	Capillary							
Compressor & Motor Type	INVERTER, DC							
Air Flow	CFM	1,170		1,170		1,890		2,100
Sound Pressure Level	dB(A)	51		53		54.1		59
Cooling Temperature Range	°F (°C)	5 - 133 (-15 - 55)		5 - 133 (-15 - 55)		5 - 133 (-15 - 55)		5 - 133 (-15 - 55)
Heating Temperature Range	°F (°C)	-13 - 86 (-25 - 30)		-13 - 86 (-25 - 30)		-13 - 86 (-25 - 30)		-13 - 86 (-25 - 30)
External Dimensions (W ½ H ½ D)	in	31 7/8 ½ 21 5/8 ½ 12		31 7/8 ½ 21 5/8 ½ 12		36 1/2 x 27 1/2 x 14 15/16		38 1/2 ½ 31 5/8 ½ 16 9/16
	mm	810 ½ 549 ½ 305		810 ½ 549 ½ 305		927x699x380		978 ½ 803 ½ 421
Package Dimensions (W ½ H ½ D)	in	33 9/16 ½ 23 5/8 ½ 14 1/8		33 9/16 ½ 23 5/8 ½ 14 1/8		37 13/16 ½ 28 13/16 ½ 16		40 1/4 ½ 32 7/8 ½ 18 7/8
	mm	852½600 ½358		852½600 ½358		960 ½732 ½430		1022½835½480
Weight (Net / Gross)	lbs	52.7 / 59.7		58.4 / 69.4		86 / 93		105.8 / 120.2
	kgs	23.9 / 27.1		26.5 / 31.5		39 / 42.2		48 / 54.5
LIMITED WARRANTY	5 Years Parts, 7 Years Compressor Warranty/10 Year Warranty with Registration within 60 Days of Installation							

TCL AC

LIGHT COMMERCIAL CASSETTE SYSTEM

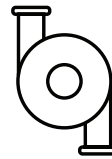


HIGH EFFICIENCY AND ENERGY SAVINGS/SINGLE ZONE



WIDE RANGE OF SWING ANGLES

Vertical louvers from 0-85 degrees, allowing proper airflow to the room.



47 INCH LIFT PUMP

Built in pump provides up to 47 inches of lift for proper condensate drainage.



EASY TO CLEAN FILTER

An easily accessible filter allows for quick maintenance and efficient operation.



WATER-FILLED PROTECTION

Condensate overflow protection shuts down the system to stop water damage before it occurs.



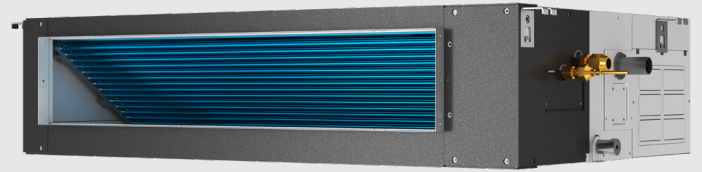
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Light Commercial Cassette System - Single Zone (with BreezeIN 24 Series ODU)

MODEL NUMBER - IDU		H09CSHU1XAE	H12CSHU1XAE	H18CSHU1XAE	H24CSHU1XAE	
MODEL NUMBER - ODU		H09SBH23XPC	H12SBH23XPC	H18SBH22XPC	H24SBH20XPC	
System Type		Heat Pump				
SYSTEM PERFORMANCE						
AHRI Certificate		215570370	215570372	215570374	215570376	
Cooling at 95°F (35°C)	Capacity (Min - Max)	BTU/h	9,500(2,000-10,400)	12,000(2,000-13,600)	1,6000(6,000-19,400)	23,000(7,500-25,200)
	Rated Input Power	W	750	1,030	1,365	2,000
	Rated Current	A	4.9	6.3	6.3	11.3
	SEER2 / EER2		22 / 12	21 / 11.7	20 / 11.7	22 / 11.7
Heating at 47°F (8.3°C)	Capacity (Min - Max)	BTU/h	10000(2,500-12,500)	12000(3,100-12,700)	18000(4,000-18,000)	25000(8,700-28,300)
	Rated Input Power	W	720	1,030	1,640	1,960
	Rated Current	A	4.7	4.7	7.6	11.7
	HSPF2 / COP		10 / 4.2	10 / 3.8	8.5 / 3.2	10 / 3.35
Heating at 17°F (-8.3°C)	Rated Capacity	BTU/H	6,300	7,800	11,000	15,300
Heating at 5°F (-15°C)	Max. Capacity	BTU/h	7,800	9,200	13,400	19,200
	COP		1.95	1.90	1.76	2.00
ENERGY STAR® Certified			YES	YES	YES	YES
Ambient Temperature Range	Cooling	°F (°C)	5 - 133 (-15 - 55)	5 - 133 (-15 - 55)	5 - 133 (-15 - 55)	5 - 133 (-15 - 55)
	Heating	°F (°C)	-13 - 86 (-25 - 30)	-13 - 86 (-25 - 30)	-13 - 86 (-25 - 30)	-13 - 86 (-25 - 30)
ELECTRICAL						
Power Supply			208 -230V / 1Ph / 60Hz			
Voltage Range (Min - Max)			165 - 265			
Min. Circuit Ampacity - MCA	A	10	10	11	15	
Max. Circuit Breaker (MOCP)	A	15	15	17	20	
Max. FUSE Size	A	15	15	17	20	
Main Power Wire Size	AWG	Per Local Code				
Connection Wiring	AWG	16AWG*4 Stranded, unshielded, TC-ER Type				
REFRIGERANT PIPING						
Refrigerant Type / Charged	oz	R454b / 25.04	R454b / 35.27	R454b / 45.5	R454b / 55.03	
Pre-Charge Length Total	ft (m)	25 (7.5)	25 (7.5)	25 (7.5)	25 (7.5)	
Additional Charge	oz/ft	0.11	0.11	0.11	0.11	
Design Pressure	PSIG	600	600	600	600	
Line Set Sized (Liquid - Gas)	in	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	
Line Set Length (Min - Max)	ft (m)	16 - 50 (5 - 15)	16 - 50 (5 - 15)	16 - 65 (5 - 20)	16 - 65 (5 - 20)	
Max. Pipe Elevation	ft (m)	33 (10)	33 (10)	49 (15)	49 (15)	
INDOOR UNIT DATA						
Indoor Motor Type		DC				
Thermostat type		Wireless Remote Controller with Wi-Fi* & Voice Control				
Air Flow (Tu/Hi/Mi/Lo/Mu)	CFM	329/300/270/217/194	360/320/260/200/190	423/394/335/282/252	836/765/630/530/482	
Sound Pressure Level (Tu/Hi/Mi/Lo/Mu)	dB(A)	43/41/37/33/32	45/43/39/35/32	48/46/42/39/37	51/48/44/40/37	
External Dimensions (W x H x D)	in	22 7/16 1/2 9 5/8 1/2 22 7/16	22 7/16 1/2 9 5/8 1/2 22 7/16	22 7/16 1/2 9 5/8 1/2 22 7/16	33 1/16 1/2 10 1/16 1/2 33 1/16	
	mm	570 1/2 245 1/2 570	570 1/2 245 1/2 570	570 1/2 245 1/2 570	840 1/2 255 1/2 840	
Package Dimensions (W x H x D)	in	28 1/4 1/2 11 7/8 1/2 25 7/8	28 1/4 1/2 11 7/8 1/2 25 7/8	28 1/4 1/2 11 7/8 1/2 25 7/8	36 7/8 1/2 11 7/16 1/2 36 7/8	
	mm	718 1/2 301 1/2 657	718 1/2 301 1/2 657	718 1/2 301 1/2 657	935 1/2 290 1/2 935	
Weight (Net / Gross)	lbs	32 / 38.6	32 / 38.6	32 / 38.6	51.8 / 60.6	
	kgs	14.5 / 17.5	14.5 / 17.5	14.5 / 17.5	23.5 / 27.5	
OUTDOOR UNIT DATA						
Compressor Type		Inverter				
Motor Type		DC				
Throttle type		Capillary				
Air Flow (Max.)	CFM	1,170	1,170	1,890	2,100	
Sound Pressure Level	dB(A)	54	56	59	61	
External Dimensions (W x H x D)	in	31 7/8 1/2 21 5/8 1/2 12	31 7/8 1/2 21 5/8 1/2 12	36 1/2 x 27 1/2 x 14 15/16	38 1/2 1/2 31 5/8 1/2 16 9/16	
	mm	810 1/2 549 1/2 305	810 1/2 549 1/2 305	927x699x380	978 1/2 803 1/2 421	
Package Dimensions (W x H x D)	in	33 9/16 1/2 23 5/8 1/2 14 1/8	33 9/16 1/2 23 5/8 1/2 14 1/8	37 13/16 1/2 28 13/16 1/2 16 15/16	40 1/4 1/2 32 7/8 1/2 18 7/8	
	mm	852 1/2 600 1/2 358	852 1/2 600 1/2 358	960 1/2 732 1/2 430	1022 1/2 835 1/2 480	
Weight (Net / Gross)	lbs	52.7 / 59.7	58.4 / 69.4	86 / 93	104.7 / 125.7	
	kgs	23.9 / 27.1	26.5 / 31.5	39 / 42.2	47.5 / 57	
PANEL ACCESSORY DATA (Packed Separately)						
External Dimensions (W x H x D)	in	25 9/16 1/2 2 3/8 1/2 25 9/16	25 9/16 1/2 2 3/8 1/2 25 9/16	25 9/16 1/2 2 3/8 1/2 25 9/16	37 3/8 1/2 2 7/8 1/2 37 3/8	
	mm	650 1/2 60 1/2 650	650 1/2 60 1/2 650	650 1/2 60 1/2 650	950 1/2 73 1/2 950	
Package Dimensions (W x H x D)	in	28 15/16 1/4 4 5/16 1/2 28 15/16	28 15/16 1/4 4 5/16 1/2 28 15/16	28 15/16 1/4 4 5/16 1/2 28 15/16	41 9/16 1/2 3 9/16 1/2 41 9/16	
	mm	735 1/2 110 1/2 735	735 1/2 110 1/2 735	735 1/2 110 1/2 735	1055 1/2 90 1/2 1055	
Weight (Net / Gross)	lbs	6 / 9.5	6 / 9.5	6 / 9.5	13.2 / 19.8	
	kgs	2.7 / 4.3	2.7 / 4.3	2.7 / 4.3	6 / 9	
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor Warranty/10 Year Warranty with Registration within 60 Days of Installation				

LIGHT COMMERCIAL SLIM DUCT SYSTEM

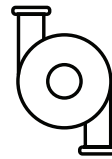


HIGH EFFICIENCY AND ENERGY SAVINGS/SINGLE ZONE



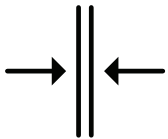
QUIET OPERATION

High efficiency DC fan motor and optimized air duct design enables 35dB quiet operation.



47 INCH LIFT PUMP

Built in pump provides up to 47 inches of lift for proper condensate drainage.



9.65 INCH ULTRA-THIN DESIGN

The ultra-thin body of 9.65 inches greatly saves the installation area and can match a variety of interior design styles.



FRESH AIR INTAKE

Up to 15% fresh air volume.



Light Commercial Slim Duct System - Single Zone (with BreezeIN 24 Series ODU)

MODEL NUMBER - IDU		H09DTHU1XAE	H12DTHU1XAE	H18DTHU1XAE	H24DTHU1XAE	
MODEL NUMBER - ODU		H09SBH23XPC	H12SBH23XPC	H18SBH22XPC	H24SBH20XPC	
System Type		Heat Pump				
SYSTEM PERFORMANCE						
AHRI Certificate		215570371	215570373	215570375	215570377	
Cooling at 95°F (35°C)	Capacity (Min - Max)	BTU/h	9,500 (2,000 - 10,400)	11,000 (2,000 - 12,300)	17,000 (6,000 - 19,400)	22,000 (7,550 - 24,600)
	Rated Input Power	W	750	940	1,450	1,870
	Rated Current	A	4.9	6.2	6.4	11.2
	SEER2 / EER2		20.5 / 12.5	19 / 11.7	21 / 11.7	19 / 11.7
Heating at 47°F (8.3°C)	Capacity (Min - Max)	BTU/h	10,000 (2,500 - 12,300)	12,000 (3,100 - 12,300)	18,000 (4,000 - 21,400)	25,000 (8,700 - 28,500)
	Rated Input Power	W	800	1,030	1,805	2,030
	Rated Current	A	5.2	5.2	8.3	13.3
	HSPF2 / COP		9.5 / 3.7	8.1 / 3.5	8.1 / 2.9	9.5 / 3.45
Heating at 17°F (-8.3°C)	Rated Capacity	BTU/H	6,100	7,500	11,000	15,100
Heating at 5°F (-15°C)	Max. Capacity	BTU/h	7,600	8,900	13,400	19,300
	COP		1.85	1.80	1.78	2.00
ENERGY STAR® Certified			YES	YES	YES	YES
Ambient Temperature Range	Cooling	°F (°C)	5 - 133 (-15 - 55)	5 - 133 (-15 - 55)	5 - 133 (-15 - 55)	5 - 133 (-15 - 55)
	Heating	°F (°C)	-13 - 86 (-25 - 30)	-13 - 86 (-25 - 30)	-13 - 86 (-25 - 30)	-13 - 86 (-25 - 30)
ELECTRICAL						
Power Supply		208-230V / 1Ph / 60Hz				
Voltage Range (Min - Max)		165 - 265				
Min. Circuit Ampacity - MCA	A	10	10	11	15	
Max. Circuit Breaker (MOCP)	A	15	15	17	20	
Max. FUSE Size	A	15	15	17	20	
Main Power Wire Size	AWG	Per Local Code				
Connection Wiring	AWG	16AWG*4 Stranded, unshielded, TC-ER Type				
REFRIGERANT PIPING						
Refrigerant Type / Charged	oz	R454b / 25.04	R454b / 35.27	R454b / 45.5	R454b / 55.03	
Pre-Charge Length Total	ft (m)	25 (7.5)	25 (7.5)	25 (7.5)	25 (7.5)	
Additional Charge	oz/ft	0.11	0.11	0.11	0.11	
Design Pressure	PSIG	600	600	600	600	
Line Set Sized (Liquid - Gas)	in	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	
Line Set Length (Min - Max)	ft (m)	16 - 50 (5 - 15)	16 - 50 (5 - 15)	16 - 65 (5 - 20)	16 - 65 (5 - 20)	
Max. Pipe Elevation	ft (m)	33 (10)	33 (10)	49 (15)	49 (15)	
INDOOR UNIT DATA						
Indoor Motor Type		DC				
Thermostat type		Programmable Wired Controller with Wi-Fi* & Voice Control				
Air Flow (Tu/Hi/Mi/Lo/Mu)	CFM	335/305/276/182/182	360/330/270/210/180	500/426/370/300/247	741/623/558/529/470	
Sound Pressure Level (Tu/Hi/Mi/Lo/Mu)	dB(A)	42/39/34/28/28	44/41/35/33/32	48/44/41/36/33	51/49/46/39/34	
External Dimensions (W x H x D)	in	27 9/16 1/2 7 7/8 1/2 19 3/10	27 9/16 1/2 7 7/8 1/2 19 3/10	36 1/4 1/2 7 7/8 1/2 19 3/10	43 5/16 1/2 7 7/8 1/2 19 3/10	
	mm	700 1/2 200 1/2 490	700 1/2 200 1/2 490	920 1/2 200 1/2 490	1100 1/2 200 1/2 490	
Package Dimensions (W x H x D)	in	35 7/16 1/2 9 13/16 1/2 21 7/8	35 7/16 1/2 9 13/16 1/2 21 7/8	44 1/8 1/2 9 13/16 1/2 21 7/8	50 13/16 1/2 9 5/8 1/2 22 1/4	
	mm	900 1/2 250 1/2 555	900 1/2 250 1/2 555	1120 1/2 250 1/2 555	1290 1/2 245 1/2 565	
Weight (Net / Gross)	lbs	33.1 / 40.8	33.1 / 40.8	39.7 / 46.3	50.7 / 58.4	
	kgs	15 / 18.5	15 / 18.5	18 / 21	23 / 26.5	
OUTDOOR UNIT DATA						
Compressor Type		Inverter				
Motor Type		DC				
Throttle type		Capillary				
Air Flow (Max.)	CFM	1,170	1,170	1,890	2,100	
Sound Pressure Level	dB(A)	54	56	59	61	
External Dimensions (W x H x D)	in	31 7/8 1/2 21 5/8 1/2 12	31 7/8 1/2 21 5/8 1/2 12	36 1/2 1/2 27 1/2 1/2 14 15/16	38 1/2 1/2 31 5/8 1/2 16 9/16	
	mm	810 1/2 549 1/2 305	810 1/2 549 1/2 305	927 1/2 699 1/2 380	978 1/2 803 1/2 421	
Package Dimensions (W x H x D)	in	33 9/16 1/2 23 5/8 1/2 14 1/8	33 9/16 1/2 23 5/8 1/2 14 1/8	37 15/16 1/2 28 13/16 1/2 16 15/16	40 1/4 1/2 32 7/8 1/2 18 7/8	
	mm	852 1/2 600 1/2 358	852 1/2 600 1/2 358	960 1/2 732 1/2 430	1022 1/2 835 1/2 480	
Weight (Net / Gross)	lbs	52.7 / 59.7	58.4 / 69.4	86 / 93	104.7 / 125.7	
	kgs	23.9 / 27.1	26.5 / 31.5	39 / 42.2	47.5 / 57	
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor Warranty/10 Year Warranty with Registration within 60 Days of Installation				

TCL AC

LIGHT COMMERCIAL FLOOR & CEILING SYSTEM

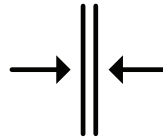


HIGH EFFICIENCY AND ENERGY SAVINGS/SINGLE ZONE



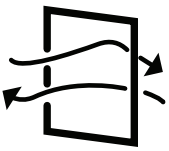
FLEXIBLE INSTALLATION

Convertible to floor or under ceiling application allows for design flexibility.



ULTRA-THIN DESIGN

Compact 9.25-inch height design requires minimal space for installation.



80° WIDE RANGE OF AIR FLOW

With our unique louver design, the air flow can be adjusted to provide uniform air distribution.



DUAL DRAINAGE

Condensate drain flexibility allows for left-side or right-side piping.



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MODEL NUMBER - IDU			H24AHH17XAE	H36AHH18XAE	H48AHH18XAE	H60AHH16XAE
MODEL NUMBER - ODU			H24TDH17XAC	H36TDH18XAC	H48TDH18XAC	H60TDH16XAC
SYSTEM TYPE			Heat Pump			
SYSTEM PERFORMANCE						
Cooling at 95°C (35°C)	Capacity (Min - Max)	BTU/h	24,000 (7,000 - 25,000)	34,000 (9,000 - 36,000)	47,000 (12,000 - 48,000)	53,000 (14,000 - 53,000)
	Rated Current	A	10	16	29	31
	SEER2 / EER2		18 / 10	19 / 10	18 / 9	17 / 7.5
Heating at 47°F (8.3°C)	Capacity (Min - Max)	BTU/h	24,000 (7,000 - 25,000)	36,000 (9,000 - 38,000)	47,000 (12,000 - 50,000)	54,000 (14,000 - 56,000)
	Rated Current	A	10	16	29	31
	HSPF2 / COP		9 / 3.2	9 / 3.2	8.5 / 3.2	8.5 / 3
Heating at 17°F (-8.3°C)	Rated Capacity	BTU/h	18,500	25,000	35,000	38,000
Heating at 5°F (-15°C)	Rated Capacity	BTU/h	18,000	26,000	33,000	35,000
	COP		1.75	1.9	1.9	1.9
ENERGY STAR® Cold Climate Certified			Yes	Yes	Yes	No
Ambient Temperature Range	Cooling	°F (°C)	5 - 125 (-15 - 52)	5 - 125 (-15 - 52)	5 - 125 (-15 - 52)	5 - 125 (-15 - 52)
	Heating	°F (°C)	-13 - 80 (-25 - 27)	-13 - 80 (-25 - 27)	-13 - 80 (-25 - 27)	-13 - 80 (-25 - 27)
OUTDOOR UNIT DATA						
Power Supply			208 -230V / 1Ph / 60Hz			
Min. / Max. Voltage			187 / 253			
Min. Circuit Ampacity - MCA		A	14	22	35	35
Max. Circuit Breaker (MOCP)		A	25	35	60	60
Recommended FUSE Size		A	25	35	60	60
Sound Pressure Level		dB(A)	67	68	69	69
Control Voltage		VAC	24	24	24	24
Compressor	Type		Variable Rotary	Variable Rotary	Variable Rotary	Variable Rotary
	Full Load Amps (FLA _{ur})	A	10	15.8	26	26
	Rated Load Amps (RLA)	A	8.2	10	15.8	15.8
Condenser Coil	Throttle Type		EEV-1.8	EEV-2.5	EEV-3.2	EEV-3.2
	Tube Size(O.D.)		⅞"7	⅞"7	⅞"7	⅞"7
Fan Motor	Motor Type		DC	DC	DC	DC
	Horsepower (HP)		1/4	1/4	1/4	1/4
	Full Load Amps (FLA _{ur})		1.1	1.1	1.1	1.1
External Dimensions (W ½ H ½ D)	in		29-1/8 ½ 24-15/16 ½ 29-1/8	29-1/8 ½ 24-15/16 ½ 29-1/8	29-1/8 ½ 33-3/16 ½ 29-1/8	29-1/8 ½ 33-3/16 ½ 29-1/8
	mm		740 ½ 633 ½ 740	740 ½ 633 ½ 740	740 ½ 843 ½ 740	740 ½ 843 ½ 740
Package Dimensions (W ½ H ½ D)	in		30-1/5 ½ 31-1/4 ½ 30-1/5	30-1/5 ½ 31-1/4 ½ 30-1/5	30-1/5 ½ 39-1/2 ½ 30-1/5	30-1/5 ½ 39-1/2 ½ 30-1/5
	mm		767 ½ 794 ½ 767	767 ½ 794 ½ 767	767 ½ 1003 ½ 767	767 ½ 1003 ½ 767
Weight (Net / Gross)	lbs		137 / 159	146 / 176	179 / 214	179 / 214
	kgs		62 / 72	66 / 80	81 / 97	81 / 97
INDOOR UNIT DATA						
Power Supply			208 -230V / 1Ph / 60Hz			
Min. / Max. Voltage			187 / 253			
Min. Circuit Ampacity - MCA		A	5	5	6	6
Max. Circuit Breaker (MOCP)		A	15	15	15	15
Recommended FUSE Size		A	15	15	15	15
Sound Pressure Level		dB(A)	57	58	60	62
Control Voltage		VAC	24	24	24	24
Throttle Type			TXV-3Ton	TXV-3Ton	TXV-5Ton	TXV-5Ton
Indoor Fan Motor	Type		ECM	ECM	ECM	ECM
	Horsepower	HP	1/2	1/2	3/4	3/4
	Full Load Amps (FLA)	A	3.8	3.8	5.4	5.4
	Rated RPM		1050	1050	1050	1050
Fan Blower	Material		Metal	Metal	Metal	Metal
	Type		Centrifugal	Centrifugal	Centrifugal	Centrifugal
Indoor Coil	Type		Tube & Fin	Tube & Fin	Tube & Fin	Tube & Fin
	Tube Material		Aluminum	Aluminum	Aluminum	Aluminum
Electrical Heater (Optional)		kW	5 / 10	5 / 10 / 15	5 / 10 / 15 / 20	5 / 10 / 15 / 20
Air Flow		CFM	850	1150	1600	1700
External Static Pressure (Up to)		In W.c.	0.8	0.8	0.8	0.8
Dehumidification		pt/hr	2.5	3.8	5	6.1
External Dimensions (W ½ H ½ D)	in		21 ½ 46-1/2 ½ 21	21 ½ 46-1/2 ½ 21	21 ½ 56 ½ 24-1/2	21 ½ 56 ½ 24-1/2
	mm		533 ½ 1180 ½ 533	533 ½ 1180 ½ 533	533 ½ 1422 ½ 622	533 ½ 1422 ½ 622
Package Dimensions (W ½ H ½ D)	in		23 ½ 52 ½ 24-1/2	23 ½ 52 ½ 24-1/2	24-1/2 ½ 62 ½ 28	24-1/2 ½ 62 ½ 28
	mm		584 ½ 1320 ½ 622	584 ½ 1320 ½ 622	584 ½ 1570 ½ 710	584 ½ 1570 ½ 710
Weight (Net / Gross)	lbs		121 / 154	121 / 154	152 / 190	152 / 190
	kgs		55 / 70	55 / 70	69 / 86	69 / 86
REFRIGERANT PIPING						
Refrigerant Type / Charged		lbs. - oz. (kgs)	R454B / 4-11.8 (2.15)	R454B / 6-4.5 (2.85)	R454B / 8-13.1 (4.00)	R454B / 8-13.1 (4.00)
Pre-Charge Length		ft (m)	25 (7.5)	25 (7.5)	25 (7.5)	25 (7.5)
Additional Charge		oz/ft	0.54	0.54	0.54	0.54
Valve Size (Liquid - Suction)		in	3/8 - 3/4	3/8 - 3/4	3/8 - 3/4	3/8 - 3/4
Line Set Size (Liquid - Gas)		in	3/8 - 3/4	3/8 - 3/4	3/8 - 7/8	3/8 - 7/8
Lineset Length (Min - Max)		ft (m)	25(7.5) - 100(30)	25(7.5) - 100(30)	25(7.5) - 100(30)	25(7.5) - 100(30)
Max. Pipe Elevation		ft (m)	50 (15)	50 (15)	50 (15)	50 (15)
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor Warranty/10 Year Warranty with Registration within 60 Days of Installation			

