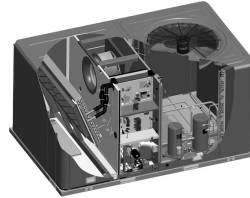


Quick Reference Guide

Precedent™ Cooling & Gas/Electric 3-10 Ton Packaged Rooftop Units



Model number description

TSC	Standard Efficiency Cooling Only (Electric Heat Optional)
THC	High Efficiency Cooling Only (Electric Heat Optional)
YSC	Standard Efficiency Gas Heat Unit
YHC	High Efficiency Gas Heat Unit

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Table 1. List of factory installed options^(a)

ReliaTel™ Controls	Unit Mounted Circuit Breaker
Stainless Steel Heat Exchanger	Unpowered Convenience Outlet
Manual Outside Air Damper	Powered Convenience Outlet
0-50% Motorized Outside Air Damper	BacNET™ Communication Interface (BCI-R)
Economizer - Dry Bulb	Trane® Communication Interface (TCI)
Economizer - Reference Enthalpy	LonTalk® Communication Interface (LCI)
Economizer - Comparative Enthalpy	NOVAR 2024 Controls (N/A Heat Pumps)
Barometric Relief	NOVAR 3051 Controls Without Zone Sensor
Belt Drive Motor	Frostat™
Hinged Access Panels	Crankcase Heater
MERV 7 Filters	Supply & Return Air Smoke Detectors
MERV 13 Filters	Clogged Filter Switch
Hail Guard	Fan Failure Switch
Black Epoxy Pre-Coated Condenser Coil	Discharge Air Sensing Tube
Complete Coat™	NOVAR Return Air Sensor
Through the Base Electric Provision	NOVAR 3051 Zone Sensor
Through the Base Gas Provision	Multi-Speed Indoor Fan
Unit Mounted Non-Fused Disconnect	Single Zone Variable Air Volume (SZVAV)

(a) Verify option availability in product catalog.

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Table 2. 3-10 ton packaged rooftop performance data (gas or electric heat)

Nominal Size (Tons)	Standard Efficiency								High Efficiency							
	3	4	5	6	7.5 Single Compressor	7.5 Dual Compressors	8.5	10	3	4	5	6	7.5 Dual Compressors	8.5	10	
Cooling Performance																
Supply Air (cfm) ^(a)	1,200	1,600	2,000	2,400	3,000	3,000	3,400	4,000	1,200	1,600	2,000	2,100	YHC092F	2,975	3,500	
Tot / Sens Cap (MBh) ^{(b),(c)}	37.2/27.8	49.4/37.3	62.3/48.1	75.0/53.2	89.0/67.34	94.0/69.1	102.1/76.7	119/92.7	37.6/27.9	49.9/37.0	61.0/45.4	72/53	92/63.3	105/76	119/89	
SEER/EER	13.0	13.0	13.0	11.2	11.2	11.2	11.2	11.3	15.0	15.0	15.0	12.6	12.6	13	12.5	
IEER ^(d)	N/A	N/A	N/A	13.0	12.2	13.0	13.0	12.5	N/A	N/A	N/A	14.5	14.5	15.0	14.5	
Gas Heating Performance^(d)																
Low Heat (Input/output) - (MBh)	60.0/48.0	60.0/48.0	60.0/48.0	80.0/64.8	120/96	120.0/97.2	120.0/97.2	150.0/121.5	60.0/48.0	60.0/48.0	60.0/48.0	80/64	120/96	120/96	150/120	
Medium Heat (Input/output) - (MBh)	80.0/64.0	80.0/64.0	80.0/64.0	120.0/97.2	150/120	150.0/121.5	150.0/121.5	200.0/162.0	80.0/64.0	80.0/64.0	80.0/64.0	120/96	150/120	130/120	200/160	
High Heat (Input/output) - (MBh)	120.0/96.0	120.0/96.0	130.0/104.0	150.0/121.5	200/160	200.0/160.0	200.0/160.0	250.0/202.5	120.0/96.0	120.0/96.0	130.0/104.0	150/120	200/160	200/160	250/200	
Other Information																
Net Weight (Lbs) - Gas Heat	532	563	613	710	767	847	904	1058	532	711	755	822	1026	1359	1359	
Net Weight (Lbs) - Electric Heat	480	511	561	667	686	797	856	960	480	642	679	740	928	1252	1252	
Roofcurb	BAYCURB042A			BAYCURB043A					BAYCURB042A		BAYCURB043A			BAYCURB043A		BAYCURB044A
Unit Cabinet Size	B			C		C		D		D		D		E		
Filters ^(e) - Type Furnished	Throwaway	Throwaway	Throwaway	Throwaway	Throwaway	Throwaway	Throwaway	Throwaway	Throwaway	Throwaway	Throwaway	Throwaway	Throwaway	Throwaway	Throwaway	
Number Size Recommended	(2) 20x30x2	(2) 20x30x2	(2) 20x30x2	(4) 16x25x2	(4) 16x25x2	(4) 20x25x2	(4) 20x25x2	(4) 20x25x2	(2) 20x30x2	(2) 16x25x2	(4) 16x25x2	(4) 20x25x2	(4) 20x25x2	(3) 20x25x2	(3) 20x25x2	
														(2) 20x30x2	(2) 20x30x2	

- (a) Nominal cfm
 (b) Cooling performance is rated at 80/67/95
 (c) All units listed utilize 3-phase voltage
 (d) SZVAV and Multi Speed Indoor fan IEER 7.5T - 15.0, 8.5T - 15.5, 10T, 15.0
 (e) Optional 2" MERV 7 and MERV 13 filters also available

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Table 3. Unit MCA & MOP electrical data (standard indoor fan motor) (gas or electric heat)

T/YSC	Volts	MCA	MOP	T/YSC	Volts	MCA	MOP	
036	208-230/1	28.8	45	120	208-230/3	49.6	60	
	208-230/3	21.4	30		460/3	22.7	30	
	460/3	10.1	15		575/3	18.9	25	
	575/3	8.0	15					
048	208-230/1	36.8	50	T/YHC	Volts	MCA	MOP	
	208-230/3	24.1	35	036	208-230/1	28.3	45	
	460/3	11.5	15		208-230/3	20.6	30	
	575/3	8.6	15		460/3	11.0	15	
060	208-230/1	41.4	60	048	208-230/1	37.3	50	
	208-230/3	27.4	40		208-230/3	27.2	40	
	460/3	12.3	15		460/3	12.8	15	
	575/3	8.9	8.9					
072	208-230/3	36.5	50	060	208-230/1	41.4	60	
	460/3	18.2	25		208-230/3	30.0	45	
	575/3	12.7	20		460/3	13.8	20	
090	208-230/3	38.2	60	072	208-230/3	32.3	50	
	460/3	19.5	30		460/3	15.1	25	
	575/3	14.7	20					
092	208-230/3	39.3	50	092	208-230/3	41.9	50	
	460/3	18.5	20		460/3	19.9	25	
	575/3	15.5	20					
102	208-230/3	43.3	50	102	208-230/3	44.7	60	
	460/3	21.4	25		460/3	22.9	30	
	575/3	16.8	20					

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Table 4. Unit indoor fan data (gas or electric heat)

T/YSC	Volts	Standard HP - RPM	Overize HP - RPM	T/YHC	Volts	Standard HP - RPM	Overize HP - RPM
036	208-230/1 ^(a)	3/4 - MULT	N/A	036	208-230/1 ^(a)	3/4 - MULT	N/A
	208-230/3	1 - 1725	N/A		208-230/3 ^(a)	1 - MULT	N/A
	460/3				460/3 ^(a)		
	575/3						
048	208-230/1 ^(a)	1 - MULT	N/A	048	208-230/1 ^(a)	3/4 - MULT	N/A
	208-230/3	1 - 1725	N/A		208-230/3 ^(a)	1 - MULT	N/A
	460/3				460/3		
	575/3						
060	208-230/1 ^(a)	1 - MULT	N/A	060	208-230/1 ^(a)	3/4 - MULT	N/A
	208-230/3	1 - 1725	N/A		208-230/3 ^(a)	1 - MULT	N/A
	460/60/3				460/3 ^(a)		
	575/3						
072	208-230/3	1/1750	2/1750	072	208-230/3	1/1725	2/1725
	460/3	1/1750	2/1750		460/3		
	575/3	1/1750	2/1750				
090	208-230/3	1/1750	3/1750	092	208-230/3	3.75/MULT	N/A
	460/3	1/1750	3/1750		460/3		
	575/3	1/1750	3/1750				
092	208-230/3	1/1750	3/1750	102	208-230/3	3.75/MULT	N/A
	460/3	1/1750	3/1750		460/3		
	575/3	1/1750	3/1750				
102	208-230/3	2/1750	3/1750	120	208-230/3	3.75/MULT	N/A
	460/3	2/1750	3/1750		460/3		
	575/3	2/1750	3/1750		575/3		

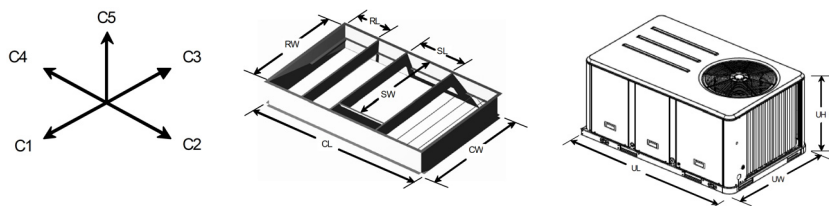
(a) Direct drive motor

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Table 5. Unit dimensional data

	B	C	D	E
Unit Length UL	69 7/8	88 5/8	88 5/8	99 11/16
Unit Width UW	44 1/4	53 1/4	53 1/4	63 3/16
Unit Height UH	36 1/4	40 7/8	46 7/8	50 7/8
Clearance C1	48	48	48	48
Clearance C2	36	36	36	36
Clearance C3	36	36	36	36
Clearance C4	36	36	36	36
Clearance C5	72	72	72	72
Curb Length CL	65 13/16	84 1/2	84 1/2	84 1/2
Curb Width CW	41 7/16	50 3/8	50 3/8	60 3/8
Supply Length SL^(a)	16 3/4	18 1/2	18 1/2	18 1/2
Supply Width SW^(a)	17 7/8	34 3/8	34 3/8	34 3/8
Return Length RL^(a)	14 9/16	18 1/4	18 1/4	18 1/4
Return Width RW^(a)	25 3/16	34 3/8	34 3/8	34 3/8

(a) Dimensions are for curb openings and not duct inserts. Reference the product catalog for duct insert dimensions.



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