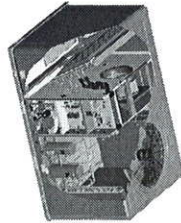


Quick Reference Guide

RTU for cooling
17k for cooling

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

September 2013
RT-PRC037-EN
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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	2,400	2,720	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	104/82	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	12.5	12.5	
EER ^(d)	N/A	N/A	N/A	13.0	12.2	13.0	13.0	13.0	N/A	N/A	N/A	14.5	14.5	14.7	14.7	
Gas Heating Performance^(d)																
Low Heat (Input/output) - (MBh)	60.0/48.0	60.0/48.0	60.0/48.0	80.0/64.0	120/96	120.0/96.0	120.0/96.0	150.0/120.0	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	120.0/96.0	150/120	150.0/120.0	150.0/120.0	200.0/160.0	80.0/64.0	80.0/64.0	80.0/64.0	120/96	150/120	150/120	200/160	
High Heat (Input/output) - (MBh)	120.0/96.0	120.0/96.0	130.0/104.0	150.0/120.0	200/160	200.0/160.0	200.0/160.0	250.0/200.0	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	1035	1359	
Net Weight (Lbs) - Electric Heat	480	511	561	667	686	797	856	960	480	642	679	740	928	937	1252	
Rooftop	BAYCURB042A															
Unit Cabinet Size	B															
Filters ^(e) - Type Furnished	Throwaway	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	(4) 20x25x2	(3) 20x25x2	(2) 20x30x2
	BAYCURB043A															
	D															
	BAYCURB044A															

(a) Nominal cfm
(b) Cooling performance is rated at 80/67/95
(c) All units are factory wired for 3-phase voltage
(d) SZVAV and Multi-Speed Indoor fan IER 7.5T - 15.0, 8.5T - 15.2, 10T, 15.0
(e) Optional 2" MERV 8 and MERV 13 filters also available

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

0-50% Motorized Outside Air Damper	LoniTalk® Communication Interface (LCI)
BachNet™ Communication Interface (BCCR)	Manual Outside Air Damper
Barometric Relief	MERV 8 Filters
Belt Drive Motor	MERV 13 Filters
Black Epoxy Pre-Coated Condenser Coil	Multi-Speed Indoor Fan
Clogged Filter Switch	NOVAR 2024 Controls
Complete Coat™ (Microchannel Condenser Coil)	NOVAR 3051 Controls Without Zone Sensor
Condensate Overflow Switch	NOVAR 3051 Zone Sensor
Crankcase Heater	NOVAR Return Air Sensor
Dehumidification	Powered Convenience Outlet
Delivered VAV	ReliaTair™ Controls
Demand Control Ventilation Wiring	Single Zone Variable Air Volume (SZVAV)
Discharge Air Sensing Tube	Stainless Steel Drain Pan
Economizer - Comparative Enthalpy	Stainless Steel Heat Exchanger
Economizer - Dry Bulb	Supply, Return, and Plenum Air Smoke Detectors
Economizer - Reference Enthalpy	Through-the-Base Electric Provision
Fan Failure Switch	Through-the-Base Gas Provision
Froststat™	Trane® Communication Interface (TCI)
Hall Guard	Unit Mounted Circuit Breaker
Hinged Access Panels	Unit Mounted Non-Fused Disconnect
Human Interface - 5 inch Color Touchscreen	Unpowered Convenience Outlet

(a) Verify option availability in product catalog.

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

T/Y/SC	Volts	MCA	MOP	T/Y/HC	Volts	MCA	MOP
036	208-230/1	28.5	45	208-230/1	28.3	28.3	45
	208-230/3	21.4	30	208-230/3	20.6	20.6	30
	460/3	10.1	15	460/3	11.0	11.0	15
048	208-230/1	8.0	15	208-230/1	7.9	7.9	15
	208-230/3	36.8	50	208-230/3	37.3	37.3	50
	460/3	24.1	35	460/3	27.2	27.2	40
060	208-230/1	11.5	15	208-230/1	12.8	12.8	15
	208-230/3	8.6	15	208-230/3	9.8	9.8	15
	460/3	41.4	60	460/3	41.4	41.4	60
072	208-230/1	27.4	40	208-230/1	30.0	30.0	45
	208-230/3	12.3	15	208-230/3	13.8	13.8	20
	460/3	8.9	8.9	460/3	10.2	10.2	15
090	208-230/1	36.5	50	208-230/1	32.3	32.3	50
	208-230/3	18.2	25	208-230/3	15.1	15.1	20
	460/3	12.7	20	460/3	12.7	12.7	15
092	208-230/1	38.2	60	208-230/1	41.9	41.9	50
	208-230/3	19.5	30	208-230/3	19.9	19.9	25
	460/3	14.7	20	460/3	15.6	15.6	20
102	208-230/1	43.3	50	208-230/1	42.0	42.0	50
	208-230/3	18.5	20	208-230/3	21.6	21.6	25
	460/3	15.5	20	460/3	16.5	16.5	20
120	208-230/1	49.6	60	208-230/1	48.9	48.9	60
	208-230/3	22.7	30	208-230/3	22.1	22.1	30
	460/3	18.9	25	460/3	16.8	16.8	20

Table 5. Unit dimensional data

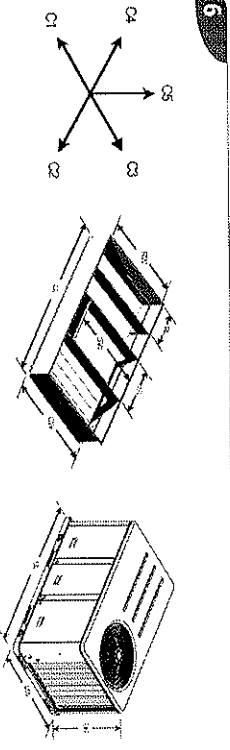
	B	C	D	E
Unit Length UL	59 7/8	88 5/8	88 5/8	99 11/16
Unit Width UW	44 1/4	53 1/4	53 1/4	63 3/16
Unit Height UH	36 1/4	40 7/8	46 7/8	50 7/8
Clearance C1	48	48	48	48
Clearance C2	36	36	36	36
Clearance C3	36	36	36	36
Clearance C4	36	36	36	36
Clearance C5	72	72	72	72
Curb Length CL	65 13/16	84 1/2	84 1/2	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.

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

T/Y/SC	Volts	Standard HP - RPM	Oversize HP - RPM	T/Y/HC	Volts	Standard HP - RPM	Oversize HP - RPM
036	208-230/1 ^(a)	3/4 - MULT	---	208-230/1 ^(a)	3/4 - MULT	---	---
	208-230/3	1 - 1725	---	208-230/3	1 - 1725	---	---
	460/3	---	---	460/3 ^(a)	3/4 - MULT	---	---
048	208-230/1 ^(a)	1 - MULT	---	208-230/1 ^(a)	1 - MULT	---	---
	208-230/3	1 - 1725	---	208-230/3	1 - 1725	---	---
	460/3	---	---	460/3 ^(a)	3/4 - MULT	---	---
060	208-230/1 ^(a)	1 - MULT	---	208-230/1 ^(a)	1 - MULT	---	---
	208-230/3	1 - 1725	---	208-230/3	1 - 1725	---	---
	460/3	---	---	460/3 ^(a)	3/4 - MULT	---	---
072	208-230/1	1/1750	2/1750	208-230/1 ^(a)	3/4 - MULT	---	---
	208-230/3	1/1750	2/1750	208-230/3	1 - FIXED	---	---
	460/3	1/1750	2/1750	460/3 ^(a)	3/4 - MULT	---	---
090	208-230/1	1/1750	3/1750	208-230/1 ^(a)	1 - FIXED	---	---
	208-230/3	1/1750	3/1750	208-230/3	1 - 1725	2.0 - 1725	2.0 - 1725
	460/3	1/1750	3/1750	460/3 ^(a)	1 - 1725	1.5 - 1725	2.0 - 1725
092	208-230/1	1/1750	3/1750	208-230/1 ^(a)	1 - 1725	1.5 - 1725	2.0 - 1725
	208-230/3	1/1750	3/1750	208-230/3	3.6 - MULT	---	---
	460/3	1/1750	3/1750	460/3 ^(a)	3.6 - MULT	---	---
102	208-230/1	2/1750	3/1750	208-230/1 ^(a)	3.6 - MULT	---	---
	208-230/3	2/1750	3/1750	208-230/3	3.6 - MULT	---	---
	460/3	2/1750	3/1750	460/3 ^(a)	3.6 - MULT	---	---
120	208-230/1 ^(a)	3.75 - MULT	---	208-230/1 ^(a)	3.75 - MULT	---	---
	208-230/3	---	---	208-230/3	3.6 - MULT	---	---
	460/3	---	---	460/3 ^(a)	3.6 - MULT	---	---

(a) Direct drive motor
 (b) Powered through 575/230V transformer
 (c) Powered through 575/480V transformer



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