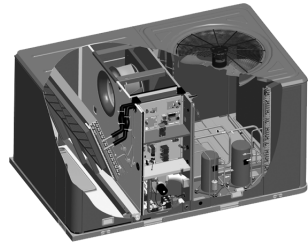


Quick Reference Guide

Precedent™ - Standard Efficiency

Cooling, Gas/Electric
3 to 5 Tons Packaged
Rooftop



1

Copyright

This document and the information in it are the property of Trane, and may not be used or reproduced in whole or in part without written permission. Trane reserves the right to revise this publication at any time, and to make changes to its content without obligation to notify any person of such revision or change.

Trademarks

All trademarks referenced in this document are the trademarks of their respective owners.

Revision History

- Updated List of factory installed options table.
- Updated the standard efficiency, 3 to 5 ton packaged rooftop performance data (cooling or gas) table.
- Updated MCA and MOP electrical data (standard indoor fan motor) (cooling or gas) table.
- Updated the Unit indoor fan data (cooling or gas) table.
- Updated Unit dimensional data table.

2

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

0-50% Motorized outside air damper	Human interface - 5-in. color touchscreen
Air-F [®] Wireless Communication Interface	LonTalk [®] Communication Interface (LCI)
BACnet [®] Communication Interface (BCI-R)	Manual outside air damper
Barometric relief	MERV 8 filters
Clogged filter switch	MERV 13 filters
CompleteCoat [™] (microchannel condenser coil)	Multiple zone VAV (variable air volume)
Condensate overflow switch	Multi-speed indoor fan system
Demand control ventilation wiring	Powered convenience outlet
Discharge air temperature sensing kit	ReliaTel [™] controls
Economizer - comparative enthalpy	Stainless steel drain pan
Economizer - dry bulb	Stainless steel heat exchanger
Economizer - low leak, 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
Fault detection & diagnostics (FDD); Meets CA Title 24 requirements	Unit mounted circuit breaker
Frostat [™]	Unit mounted non-fused disconnect
Hail guard	Unpowered convenience outlet
Hinged access panels	

(a) Verify option availability in product catalog.

Model Number: TSC YSC
Used With: Standard Efficiency Cooling Only (Electric Heat Optional) Standard Efficiency Gas Heat Unit

December 2022 **RT-PRC037AH-EN**
©2022

3

Table 2. Standard efficiency, 3 to 5 ton packaged rooftop performance data (cooling or gas)

Nominal Size (Tons)	3	4	5
Cooling Performance			
Supply Air (cfm) ^(a)	1,200	1,600	2,000
Tot / Sens Cap (MBh) ^{(b)(c)}	37.1/29.9	49.0/38.6	60.1/49.4
SEER/EER	14.0	14.0	14.0
SEER2/EER2 ^(d)	13.4/10.6	13.4/10.6	13.4/10.6
IEER (T/Y)	N/A	N/A	N/A
Gas Heating Performance			
Low Heat (Input/output) - (MBh)	80/64.8	80/64.8	80/64.8
Medium Heat (Input/output) - (MBh)	100/81	100/81	100/81
High Heat (Input/output) - (MBh)	120/97.2	130/105.3	150/121.5
Other Information			
Net Weight (Lbs) - Gas Heat	472	492	522
Net Weight (Lbs) - Electric Heat	431	452	498
Roof Curb	BAYCURB042A		
Unit Cabinet Size	F		
Filters ^(e) - Type Furnished	Throwaway	Throwaway	Throwaway
Number Size Recommended	(2) 20x30x2	(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) EER2 and SEER2 is rated at AHRI conditions and calculated in accordance with AHRI Standard 210/240-2023. Airflow and net cooling capacity not shown.
- (e) Optional 2-inch MERV 8 and MERV 13 filters also available.

4

Table 3. Unit MCA and MOP electrical data (standard indoor fan motor) (cooling or gas^(a))

T/YHC	Volts	MCA	MOP
036	208-230/3	20	30
036	460/3	10	15
036	575/3	8	15
048	208-230/3	26	35
048	460/3	11	15
048	575/3	10	15
060	208-230/3	29	40
060	460/3	13	15
060	575/3	10	15
072	208-230/3	35	50
072	460/3	17	25
072	575/3	13	20
090	208-230/3	39	60
090	460/3	19	30
090	575/3	15	20
092	208-230/3	39	50
092	460/3	18	20
092	575/3	15	20
102	208-230/3	46	60
102	460/3	23	25
102	575/3	17	20
120	208-230/3	49	60
120	460/3	22	25
120	573/3	22	25

(a) For MCA/MOP of units with electric heat, refer to product catalog.

5

Table 4. Unit indoor fan data (cooling or gas)

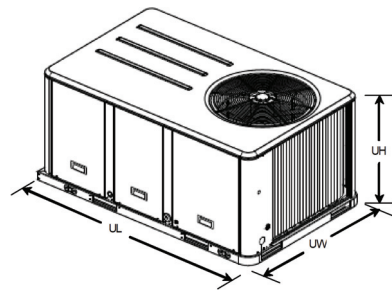
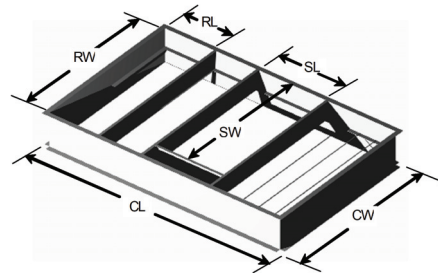
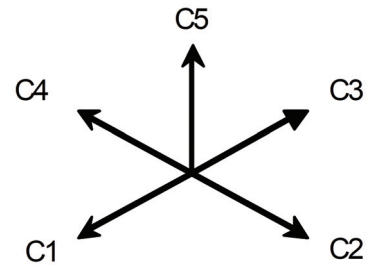
T/YHC	Volts	Standard - HP - RPM	Oversize - HP - RPM
036	208-230/3 ^(a)	3/4 - MULT	1 - MULT
036	460/3 ^{(a)(b)}	3/4 - MULT	1 - MULT
036	575/3 ^{(a)(b)}	3/4 - MULT	1 - MULT
048	208-230/3 ^(a)	1 - MULT	1 - MULT
048	460/3 ^(a)	1 - MULT	1 - MULT
048	575/3 ^{(a)(b)}	1 - MULT	1 - MULT
060	208-230/3 ^(a)	1 - MULT	1 - MULT
060	460/60/3 ^(a)	1 - MULT	1 - MULT
060	575/3 ^{(a)(b)}	1 - MULT	1 - MULT

- (a) Direct drive motor.
- (b) Powered through 575/230V transformer.

Table 5. Unit dimensional data

	F
Unit Length UL	69 7/8
Unit Width UW	44 1/4
Unit Height UH	40 7/8
Clearance C1	48
Clearance C2	36
Clearance C3	36
Clearance C4	36
Clearance C5	72
Curb Length CL	65 13/16
Curb Width CW	41 7/16
Supply Length SL ^(a)	16 3/4
Supply Width SW ^(a)	17 7/8
Return Length RL ^(a)	14 19/16
Return Width RW ^(a)	25 3/16

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



Trane and American Standard create comfortable, energy efficient indoor environments for commercial and residential applications. For more information, please visit trane.com or americanstandardair.com.

Trane and American Standard have a policy of continuous product and product data improvement and reserve the right to change design and specifications without notice. We are committed to using environmentally conscious print practices.

RT-PRC037AH-EN 20 Dec 2022
Supersedes RT-PRC037AG-EN (Mar 2020)