



AIR COOLED SPLIT SYSTEMS

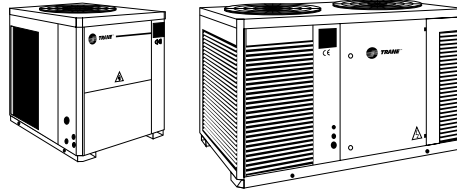


LIGHT COMMERCIAL RANGE

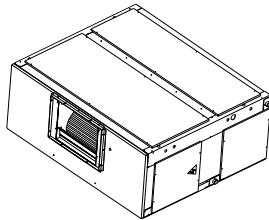
Air-cooled split systems

Air-cooled condensing units

TTA/TWA

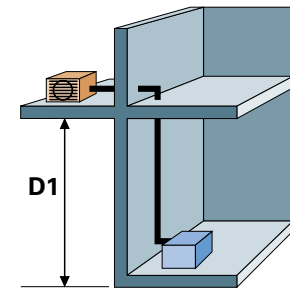
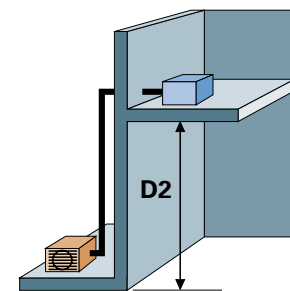
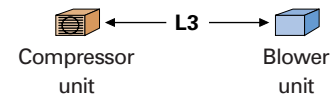


Blower units



Outdoor unit	Max. length	Max. level difference		Line diameter	
	(m)	D2	D1	Gas	Liquid
TTA 075	40	14	24	1 ¹ / ₈	1/2
	40	18	24	1 ¹ / ₈	5/8
TTA 090	40	14	24	1 ¹ / ₈	1/2
	40	18	24	1 ¹ / ₈	5/8
TTA 100	24	10	24	1 ³ / ₈	1/2
	40	18	24	1 ³ / ₈	5/8
TTA 120	18	10	18	1 ³ / ₈	1/2
	40	18	24	1 ³ / ₈	5/8
TTA 125	18	10	18	1 ³ / ₈	1/2
	40	18	24	1 ³ / ₈	5/8
TTA 150	40	14	24	1 ¹ / ₈	1/2
	40	18	24	1 ¹ / ₈	5/8
TTA 155	24	10	24	1 ³ / ₈	1/2
	40	18	24	1 ³ / ₈	5/8
TTA 180	24	10	24	1 ³ / ₈	1/2
	40	18	24	1 ³ / ₈	5/8
TTA 200	24	10	24	1 ³ / ₈	1/2
	40	18	24	1 ³ / ₈	5/8
TTA 240	18	10	18	1 ³ / ₈	1/2
	40	18	24	1 ³ / ₈	5/8
TWA 075	40	14	10	1 ¹ / ₈	1/2
	40	18	18	1 ¹ / ₈	5/8
TWA 090	40	14	10	1 ¹ / ₈	1/2
	40	18	18	1 ¹ / ₈	5/8
TWA 100	24	10	10	1 ³ / ₈	1/2
	40	18	18	1 ³ / ₈	5/8
TWA 120	18	10	10	1 ³ / ₈	1/2
	40	18	18	1 ³ / ₈	5/8
TWA 150	40	14	10	1 ¹ / ₈	1/2
	40	18	18	1 ¹ / ₈	5/8
TWA 155	24	10	10	1 ³ / ₈	1/2
	40	18	18	1 ³ / ₈	5/8
TWA 180	24	10	10	1 ³ / ₈	1/2
	40	18	18	1 ³ / ₈	5/8
TWA 200	24	10	10	1 ³ / ₈	1/2
	40	18	18	1 ³ / ₈	5/8
TWA 240	18	10	10	1 ³ / ₈	1/2
	40	18	18	1 ³ / ₈	5/8

Maximum line lengths and diameters





SPLIT SYSTEMS



7.5 - 20 TR



Large capacity indoor and outdoor units.

For use within the retail, service, office warehouse and industrial sectors. For buildings from 200 to 2000m².

The air distribution can be carried out directly via the indoor unit or from a distance via a network of ducts.

The solutions vary depending on :

- *the space available for the indoor unit : horizontal cabinet, vertical cabinet or ceiling installation,*
- *the space available for the outdoor unit : floor installation, installation at a height or in an indoor space.*



TTA/TWA 075 - 120

FOR WHOM? FOR WHAT?

Light commercial applications (supermarkets, offices, warehouses...)

Flexibility of our blower units

Scroll technology on our axial fan condensing units

Flexibility of installation



TWE 150 - 240

TRANE'S ADVICE

Ideal units for existing duct networks thanks to its flexibility on airflow and static pressure.

Perfect alternative when you can not have a roof application

LIGHT COMMERCIAL RANGE



TWE+TTA
TWE+TWA
R22 7.5 - 20 TR

Main features :

TWE indoor unit :

- Convertible cabinet, vertical or horizontal.
- Adjustable speed pulley-belt drive centrifugal fan motor.
- Aluminium fin coil with copper-tubes.
- Galvanised steel panels.
- Removable condensate drain pan.
- Throwaway filters as standard.
- Thermal protection of the fan motor winding.
- Expansion valve factory installed.
- Check valves for heat pump applications
- Expansion valve

TTA/TWA outdoor units :

- 1 cooling circuit (size 075 to 120).
- 2 cooling circuits (sizes 150 to 240).
- Scroll compressor(s).
- Internal thermal protection of the fan and compressor motor windings.
- Crankcase heater.
- Liquid line filter drier.
- Direct drive axial fan motor.
- Anti-recycle timer (compressor).
- Stop valves (gas and liquid) with brazed connections.
- Aluminium fin coil and copper tubes.

Accessories :

TWE indoor unit :

- Supplemental heaters: electric, hot water and steam.
- Low static drive kit.
- Oversized drive kit.

TTA/TWA outdoor units :

- Low ambient speed controller (TTA only).
- Black epoxy fins.

Control :

- 24 V electro-mechanical control.
- Digital display electronic wall thermostats.
- TAYSTAT 570, non programmable.
- BAYSTAT 038 programmable
- Remote sensor.

Maximum line lengths and diameters :

- See page 36.

Split System



TTA/TWA
075 -120



TWE



THERMOSTAT



TTA/TWA
150 - 240

Operating limits :

TWE + TTA/TWA	Cooling mode	Heating mode
Min. outdoor air temperature	+ 15°C standard - 15°C with speed controller	- 15°C
Max. outdoor air temperature	+ 45°C	+ 20°C



TWA General Data — Heat Pumps - 60 Hz

	7½ Ton Single Compressor TWA090A3, A4, AW	10 Ton Single Compressor TWA120A3, A4, AW	15 Ton Dual Compressor TWA180B3, B4, BW	20 Ton Dual Compressor TWA240B3, B4, BW
Cooling Performance¹				
Gross Cooling Capacity				
Matched Air Handler (MBH)	91	124	182	240
Heat Pump Only ² (MBH)	91	124	182	240
ARI Net Cooling Capacity (MBH)	89	120	176	234
EER ⁴				
Matched Air Handler (MBH)	10.1	10.1	10.1	9.3
Heat Pump Only ² (MBH)	11.5	11.1	11.7	10.3
System/Condensing Unit Poer (kW)	8.70/7.95	11.91/11.07	17.29/15.59	24.99/23.20
Heating Performance				
ARI Heating with Matched Air Handler				
High Temperature Capacity (MBH)	87	122	168	234
System kW/COP	7.68/3.3	10.82/3.2	16.10/3.1	22.42/3.1
Low Temperature Capacity (MBH)	55	80	106	154
System kW/COP	6.73/2.4	9.62/2.4	14.16/2.2	19.54/2.3
Compressor				
No./Type	1/Trane 3-D® Scroll	1/Trane 3-D® Scroll	2/Trane 3-D® Scroll	2/Trane 3-D® Scroll
Sound Rating (BELS)⁵				
	8.8	8.8	8.8	8.8
System Data⁶				
No. Refrigerant Circuits	1	1	1	1
Suction Line (in.) OD	1⅜	1⅜	1⅜	1⅜
Liquid Line (in.) OD	½	½	½	½
Outdoor Fan Type				
No. Used/Diameter (in)	Propeller 1/26	Propeller 1/28	Propeller 2/26	Propeller 2/28
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM	5890	8200	11,780	16,240
No. Motors/HP	1/50	1/1.00	2/50	2/1.00
R-22 Refrigerant Charge (Field Supplied) (Lbs. of R-22) ⁷				
	18.00	31.5	36.00	48.50

Notes: (1) Cooling Performance is rated at 95° F ambient, 80° F entering dry bulb, 67° F entering wet bulb. Gross capacity does not include the effect of fan motor heat. ARI capacity is net and includes the effect of fan motor heat. Certified in accordance with the Unitary Large Equipment certification program, which is based on ARI Standard 340/360-00. (2) Condensing Unit Only Gross Cooling Capacity rated at 45° F saturated suction temperature and at 95° F ambient. (3) ARI Net Cooling Capacity is calculated with matched blower coil and 25 ft. of 1⅜", ½" OD interconnecting tubing. (4) EER is rated at ARI conditions and in accordance with DOE test procedures. (5) Sound Rating shown is tested in accordance with ARI Standard 270 or 370. (6) Refer to refrigerant piping applications manual for line sizing and line length. (7) Refrigerant (operating) charge is for condensing unit (all circuits) with matching blower coils and 25 ft. of interconnecting refrigerant lines. All units are supplied with a small nitrogen holding charge only.

TWA General Data — Heat Pumps - 50 Hz

	TWA075A	TWA100A	TWA155B	TWA200B
Cooling Performance¹				
Gross Cooling Capacity				
Matched Air Handler, MBH (kW)	82 (23.97)	109 (31.97)	166 (48.57)	216 (63.24)
Heat Pump Only ² , MBH (kW)	82 (23.97)	105 (30.75)	161 (47.04)	209 (61.18)
ARI Net Cooling Capacity ³	80 (23.35)	105 (30.75)	160 (46.74)	196 (61.18)
System Power kW	7.36	10.32	14.98	20.61
Heat Pump Only Power kW	6.61	9.22	13.20	18.52
Heating Performance				
ARI Heating with Matched Air Handler				
High Temperature Capacity, MBH (kW)	75 (21.82)	106 (31.05)	151 (44.27)	206 (60.26)
Low Temperature Capacity, MBH (kW)	47 (13.84)	69 (20.29)	95 (27.67)	135 (39.66)
Compressor				
Number	1	1	2	2
Type	3D® Scroll	3D® Scroll	3D® Scroll	3D® Scroll
ARI Sound Rating (BELS)⁴				
	8.8	8.8	8.8	8.8
System Data⁵				
No. Refrigerant Circuits	1	1	2	2
Suction Line, in. (mm) OD	1.375 (34.9)	1.375 (34.9)	1.375 (34.9)	1.375 (34.9)
Liquid Line, in. (mm) OD	0.500 (12.7)	0.500 (12.7)	0.500 (12.7)	0.500 (12.7)
Outdoor Fan Type				
No. Used	Propeller 1	Propeller 1	Propeller/Propeller 2	Propeller/Propeller 2
Diameter, in. (mm)	26.00 (660.4)	28.00 (711)	26.00/26.00 (660.4/660.4)	28.00/28.00 (711/711)
Drive Type	Direct	Direct	Direct/Direct	Direct/Direct
No. Speeds	1	1	1	1
CFM ⁶ , (m ³ /h)	4700 (7985)	6700 (11382)	9800 (16649)	13400 (22764)
No. Motors	1	1	2	2
Motor HP (kW)	0.33 (.24)	0.75 (.56)	0.33 (.24)	0.75 (.56)
R-22 Refrigerant Charge, lb⁷ (kg)				
	18.0 (8.16)	24.25 (11.0)	36.0 (16.32)	48.5 (22.0)

Notes: (1) Cooling Performance is rated at 95°F (35°C) ambient, 80°F (26.7°C) entering dry bulb, 67°F (19.4°C) entering wet bulb and nominal cfm listed. ARI rating cfm is 350 cfm/ton for this product. Gross capacity does not include the effect of fan motor heat. ARI capacity is net and includes the effect of fan motor heat. Units are suitable for operation to ±20% of nominal cfm. Rated accordance with ARI Standard 210. (2) Condensing Unit Only Gross Cooling Capacity rated at 45°F (7.6°C) saturated suction temperature and at 95°F (35°C) ambient. (3) ARI Net Cooling Capacity is calculated with matched blower coil and 25 ft (7.6 m) of 1.375, 0.500 OD interconnecting tubing. EER and/or SEER are rated at ARI conditions and in accordance with DOE test procedures. Integrated Part Load Value is based on ARI Standard 210/240/340. Units are rated at 80°F (26.7°C) ambient, 80°F (26.7°C) entering dry bulb, and 67°F (19.4°C) entering wet bulb at ARI rated cfm. (4) ARI Sound Rating is rated in accordance with ARI Standard 270. (5) System Data based on maximum linear length 80 ft (26.7 m)Maximum lift: suction 60 ft (18.3 m) liquid 60 ft (18.3 m) For greater lengths, refer to refrigerant piping applications manual. (6) Outdoor Fan cfm is rated with standard air-dry coil outdoor. (7) Refrigerant (operating) charge is for condensing unit (all circuits) with matching blower coils and 25 ft (7.6 m) of interconnecting refrigerant lines.

LIGHT COMMERCIAL RANGE



60 Hz Condensing Units	7½ Ton Single	10 Ton Single	10 Ton Dual	10 Ton Manifolded	12½ Ton Dual	15Ton Dual	15Ton Manifolded	20 Ton Dual
Compressors:								
Model: TTA	090A3, A4	120A3, A4	120B3, B4	120C3, C4	150B3, B4	180B3, B4	180C3, C4	240B3, B4
Cooling Performance¹								
Gross Cooling Capacity (MBH)								
Matched Air Handler	92	128	126	126	148	182	182	246
Condensing Unit Only ²	92	128	126	126	148	182	182	246
ARI Net Cooling Capacity ³	89	124	122	122	144	176	176	238
EER ⁴								
Matched Air Handler	10.3	10.3	10.3	10.3	9.8	9.7	9.7	9.7
System KW/Condensing Unit kW	8.61/7.90	12.11/11.25	11.89/10.94	11.9/11.1	14.70/13.43	18.18/16.43	18.16/16.35	24.61/22.17
Compressor								
No./Make	1/3-D®	1/3-D®	2/Climatuff®	2/Copeland	2/Climatuff®	2/3-D®	2/3-D®	2/3-D®
Type	Scroll	Scroll	Scroll	Manifolded Scroll	Scroll	Scroll	Manifolded Scroll	Scroll
No. Motors/HP	1/7.50	1/10.00	2/5.00	2/5.00	2/6.25	2/7.50	2/7.50	2/10.00
Sound Rating (BELS)⁶	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
System Data⁷								
No. Refrigerant Circuits	1	1	2	1	2	2	1	2
Suction Line (in.) OD	1 3/8	1 3/8	1 1/8	1 3/8	1 1/8	1 3/8	1 5/8	1 3/8
Liquid Line (in.) OD	½	½	3/8	½	3/8	½	5/8	½
Outdoor Fan - Type								
No. Used/Diameter (in.)	Propeller 1/26	Propeller 1/28	Propeller 1/28	Propeller 1/28	Propeller 2/28	Propeller 2/26	Propeller 2/26	Propeller 2/28
Cfm	5,670	8,120	8,120	8,120	8,120	10,900	11,340	16,120
No. Motors/HP	1/5.0	1/1.00	1/1.00	1/1.00	1/1.00	2/5.0	2/5.0	2/1.00
Refrigerant Charge (Field Supplied) (Lbs of R-22) ⁸	16.0	19.0	21.0	20.5	23.6	30.0	28.0	40.0

50 Hz Condensing Units	TTA075A	TTA085A	TTA100A	TTA100B	TTA100C	TTA125B	TTA155B	TTA155C	TTA200B
Cooling Performance¹									
Gross Cooling Capacity									
Matched Air Handler (MBH)	82	91	111	102	108	127	166	160	216
Condensing Unit Only 2 (MBH)	80	91	107	102	108	127	163	155	209
ARI Net Cooling Capacity 3 (MBH)	79	87	107	100	106	123	161	153	209
System Power kW	7.92	8.7	10.66	11.3	9.61	13.1	16.01	15.4	21.40
Condensing Unit Power kW	7.32	7.8	9.76	10.3	9.01	12.1	14.58	14.6	19.39
Compressor									
Number	1	1	1	2	2	2	2	2	2
Type	3-D® Scroll	3-D® Scroll	3-D® Scroll	Climatuff™	Scroll Tandem	Climatuff™	3-D® Scroll	3-D® Scroll	Tandem 3-D® Scroll
No. Speeds (each)	1	1	1	1	1	1	1	1	1
No. Motors (each)	1	1	1	1	1	1	1	1	1
Motor HP/kW	6.25/4.7	6.91/5.16	8.33/6.21	4.15/3.1	4.16/3.10	5.20/3.9	6.25/4.7	6.25/4.7	8.33/6.21
ARI Sound Rating (Bels)⁴	8.8	8.8	8.8	9.0	8.8	8.8	8.8	8.8	8.8
System Data⁵									
No. Refrigerant Circuits	1	1	1	2	1	2	2	1	2
Suction Line in./mm OD	1.375/34.9	1.375/34.9	1.375/34.9	1.120/28.5	1.375/34.9	1.375/34.9	1.375/34.9	1.625/41.3	1.375/34.9
Liquid Line in./mm OD	0.500/12.7	0.500/12.7	0.500/12.7	0.375/9.5	0.500/12.7	0.500/12.7	0.500/12.7	0.625/15.9	0.500/12.7
Outdoor Fan Type									
No. Used	Propeller 1	Propeller 1	Propeller 1	Propeller 1	Propeller 1	Propeller 2	Propeller 2	Propeller 2	Propeller 2
Diameter in./mm	26.00/660.4	28.00/711.2	28.00/711.2	28.00/711.2	28.00/711.2	28.00/711.2	26.00/660.4	26.00/660.4	28.00/711.2
Drive Type	Direct	Direct	Direct	Direct	Direct	Direct	Direct	Direct	Direct
CFM ⁶ /m ³ /h	4700/7985	6500/11042	6500/11042	6500/11042	6500/11042	6760/11484	9400/15969	9400/15969	13400/22764
No. Motors	1	1	1	1	1	1	1	1	2
Motor HP/kW	0.33/24	0.75/56	0.75/56	0.75/55	0.75/56	0.75/55	0.33/24	0.33/24	0.75/56
R-22 Refrigerant Charge, lb⁷/kg	13.0/5.90	16.0/7.26	16.0/7.26	18.8/8.5	15.5/7.03	25.2/11.4	26.0/11.8	27.0/12.34	36.0/16.33

NOTES:

- Cooling Performance is rated at 95° F ambient, 80° F entering dry bulb, 67° F entering wet bulb. Gross capacity does not include the effect of fan motor heat. ARI capacity is net and includes the effect of fan motor heat. Certified in accordance with the Unitary Large Equipment certification program, which is based on ARI Standard 340/360 or 365-00.
- Condensing Unit Only Gross Cooling Capacity rated at 45° F saturated suction temperature and at 95° F ambient.
- ARI Net Cooling Capacity is calculated with matched blower coil and 25 ft. of 1 3/8", 1 1/2" OD interconnecting tubing.
- EER is rated at ARI conditions and in accordance with DOE test procedures.
- Integrated Part Load Value is based On ARI Standard 340/360 or 365-00. Units are rated at 80° F ambient, 80° F entering dry bulb, and 67° F entering wet bulb at ARI rated cfm.
- Sound Rating shown is tested in accordance with ARI Standard 270.
- Refer to refrigerant piping applications manual for line sizing and line length.
- Refrigerant (operating) charge is for condensing unit (all circuits) with matching blower coils and 25 ft. of interconnecting refrigerant lines. All units are shipped with a small nitrogen holding charge only.



General Data — Air Handlers

	5 Ton			7½ Ton			10 Ton		
	Single Circuit	Dual Circuit		Single Circuit	Dual Circuit		Single Circuit		
Model: TWE	050A	060A1, A3 A4, A	060B1, B3, B4	075A	090A1, A3¹, A	090B1,B3¹	100A	120A1	120A3¹
System Data									
No. Refrigerant Circuits	1	1	2	1	1	2	1	1	1
Suction Line (in.) OD	1 1/8	1 1/8	3/4	1 3/8	1 3/8	1 1/8	1 3/8	1 3/8	1 3/8
Liquid Line (in.) OD	3/8	3/8	5/16	1/2	1/2	3/8	1/2	1/2	1/2
Indoor Coil - Type									
	Plate Fin								
Tube Size (in.)	.375	.375	.375	.375	.375	.375	.375	.375	.375
Face Area (sq. ft.)	5.0	5.0	5.0	8.1	8.1	8.1	11.2	11.2	11.2
Rows/FPI	3/12	3/12	3/12	3/12	3/12	3/12	4/12	4/12	4/12
Refrigerant Control									
	Expansion Valve								
Drain Connection Size (in.)	1 PVC	1 PVC	1 PVC	1 PVC	1 PVC	1 PVC	1 PVC	1 PVC	1 PVC
Indoor Fan - Type									
	Centrifugal								
No. Used/Diameter x Width (in.)	1/12x12	1/12x12	1/12x12	1/15x15	1/15x15	1/15x15	1/15x15	1/15x15	1/15x15
Drive Type/ No. Speeds									
	Belt/Adjustable								
CFM	1670	2000	2000	2500	3000	3000	325	4000	4000
No. Motors	1	1	1	1	1	1	1	1	1
Motor HP - Standard/Oversized	.75/1.00	.75/1.00	.75/1.00	1.00/1.50	1.50/2.00	1.50/2.00	1.50/2.00	2.00/3.00	2.00/3.00³
Filters -									
Type/Furnished	Throwaway/Yes								
Number	1	1	1	3	3	3	4	4	4
Size Recommended	16x20x1 20x20x1	16x20x1 20x20x1	16x20x1	16x25x1	16x25x1	16x25x1	16x25x1	16x25x1	16x25x1

ARI tested and certified with various heat pumps in accordance with ARI Standard 210/240 or 340/360 or 365-00 certification program. Refer to Performance Data section in this catalog.

NOTES:

1. Ships wired for 208-230/3/60. Field convertible to 460/3/60.
2. TWE060A1 has Motor RPM of 3450 for oversized motor.
3. TWE120A1 does not have an oversized motor option.

General Data — Air Handlers (Continued)

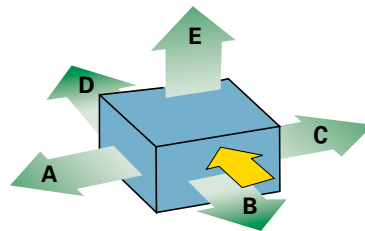
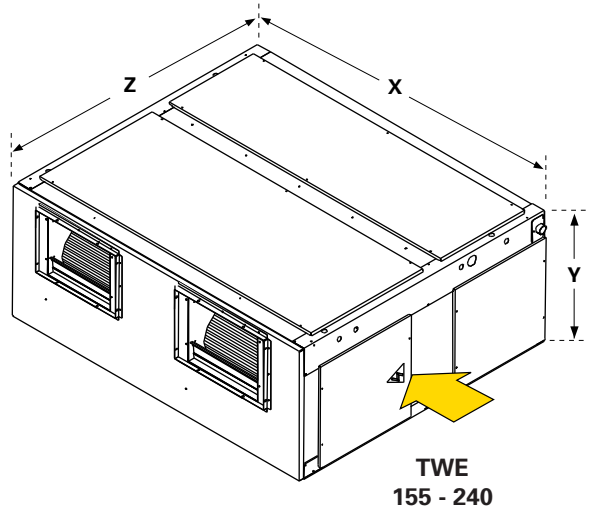
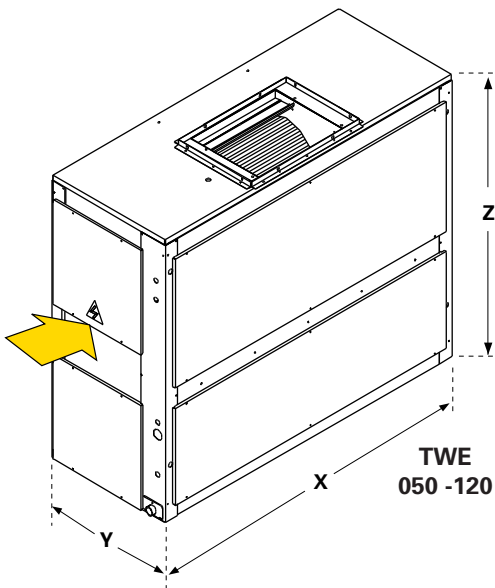
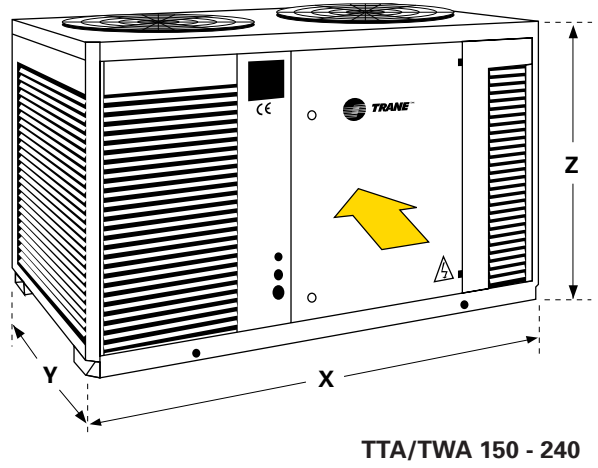
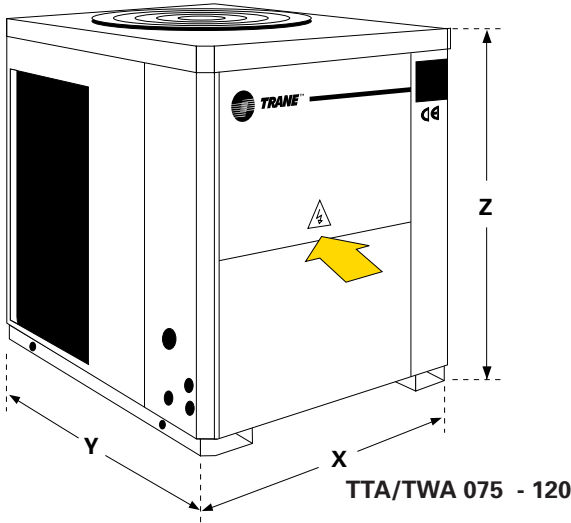
	10 Ton		15 Ton		20 Ton	
	Dual Circuit		Dual Circuit		Dual Circuit	
	TWE100B	TWE120B3¹ TWE120B1	TWE155B	TWE180B3, B4	TWE200B	TWE240B3, B4
System Data						
No. Refrigerant Circuits	2	2	2	2	2	2
Suction Line (in.) OD	1 1/8	1 1/8	1 3/8	1 3/8	1 3/8	1 3/8
Liquid Line (in.) OD	3/8	3/8	1/2	1/2	1/2	1/2
Indoor Coil - Type						
	Plate Fin		Plate Fin	Plate Fin	Plate Fin	Plate Fin
Tube Size (in.)	.375	.375	.375	.375	.375	.375
Face Area (sq. ft.)	11.2	11.2	16.3	16.3	21.6	21.6
Rows/FPI	4/12	4/12	3/12	3/12	3/12	3/12
Refrigerant Control						
	Expansion Valve		Expansion Valve	Expansion Valve	Expansion Valve	Expansion Valve
Drain Connection Size (in.)	1 PVC	1 PVC	1 PVC	1 PVC	1 PVC	1 PVC
Indoor Fan - Type						
	Centrifugal		Centrifugal	Centrifugal	Centrifugal	Centrifugal
No. Used/Diameter x Width (in.)	1/15x15	1/15x15	2/15x15	2/15x15	2/15x15	2/15x15
Drive Type/ No. Speeds						
	Belt/Adjust		Belt/Adjust	Belt/Adjust	Belt/Adjust	Belt/Adjust
CFM	4000	4000	5000	6000	66650	8000
No. Motors	1	1	1	1	1	1
Motor HP - Standard/Oversized	2.00/—	2.00/3.00	2.00/3.00	3.00/5.00	3.00/5.00	5.00/7.50
Filters -						
Type/Furnished	Throwaway/Yes		Throwaway/Yes	Throwaway/Yes	Throwaway/Yes	Throwaway/Yes
(No.) Size Recommended	(4) 16x25x1		(8) 15x20x2	(8) 15x20x2	(4) 16x25x2 (4) 16x20x2	(4) 16x25x2 (4) 16x20x2

ARI tested and certified with various heat pumps in accordance with ARI Standard 210/240 or 340/360 or 365-00 certification program. Refer to Performance Data section in this catalog.

NOTES:

1. Ships wired for 208-230/3/60. Field convertible to 460/3/60.

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Access required to open
the door of the starter panel

TTA/TWA

Outdoor unit			TTA 075	TWA 075	TTA 100	TWA 100	TTA 120	TWA 120
Dimensions	indoor unit (X x Y x Z)	(mm)	1290 x 970 x 450		1290 x 1095 x 655		1290 x 1095 x 655	
	outdoor unit (X x Y x Z)	(mm)	1060 x 950 x 1050		1060 x 950 x 1050		1060 x 1050 x 1050	
Weight	indoor unit	(kg)	83	83	128	128	128	128
	outdoor unit	(kg)	185	190	205	210	221	226
Duct connection (adaptation kit)		(mm)	1290 x 442 x 402		1290 x 527 x 602			
Accessory	Nb & Ø	(mm)	5 x 315		3 x 315 + 2 x 400			

TWE + TTA (Cooling only)

Indoor unit			TWE 120	TWE 150	TWE 240	TWE 240	TWE 120	TWE 150	TWE 240	TWE 240				
Outdoor unit			TTA 120	TTA 150	TTA 200	TTA 240								
Dimensions	indoor unit (X x Y x Z)	(mm)	1638 x 662 x 1372		2045 x 732 x 1752		2376 x 804 x 1824		1638 x 662 x 1372		2045 x 732 x 1752		2376 x 804 x 1824	
	outdoor unit (X x Y x Z)	(mm)	1260 x 1050 x 1050		2200 x 1050 x 1050		1370 x 795 x 1590		2120 x 795 x 1590					
Weight	indoor unit	(kg)	200	309	375	375	200	309	375	375				
	outdoor unit	(kg)	221	368	408	424	331	495	535	561				
Duct connection		(mm)	41.1 x 31.75				41.9 x 31.75							
Accessory (Nb)			1				2							

TWE + TWA

Indoor unit			TWE 120	TWE 150	TWE 240	TWE 240	TWE 120	TWE 150	TWE 240	TWE 240				
Outdoor unit			TWA 120	TWA 150	TWA 200	TWA 240								
Dimensions	indoor unit (X x Y x Z)	(mm)	1638 x 662 x 1372		2045 x 732 x 1752		2376 x 804 x 1824		1638 x 662 x 1372		2045 x 732 x 1752		2376 x 804 x 1824	
	outdoor unit (X x Y x Z)	(mm)	1260 x 1050 x 1050		2200 x 1050 x 1050		1370 x 795 x 1590		2120 x 795 x 1590					
Weight	indoor unit	(kg)	200	309	375	375	200	309	375	375				
	outdoor unit	(kg)	226	380	420	436	336	500	540	566				

Minimum clearance (mm)

Outdoor unit	A	B	C	D	E
TTA 075	1000	1000	1000	1000	2500
TTA 100	1000	1000	1000	1000	2500
TTA 120	300	1000	300	1000	-
TTA 150	300	1000	300	1000	-
TTA 200	300	1000	300	1000	-
TTA 240	300	1000	300	1000	-

Outdoor unit	A	B	C	D	E
TWA 075	1000	1000	1000	1000	2500
TWA 100	1000	1000	1000	1000	2500
TWA 120	300	1000	300	1000	-
TWA 150	300	1000	300	1000	-
TWA 200	300	1000	300	1000	-
TWA 240	300	1000	300	1000	-



RAUC



20 - 120 TR

Features:

- Advanced design for greater efficiency, reliability and flexibility
- Trane 3-D® scroll compressor
- Four system control options on 20 through 60-ton units and three system control options on 80 through 120-ton units, each using solid-state, factory-installed electronics
- Coil frost protection with the VAV system control option on the 20 through 60-ton units
- Remote EVP control option on 80 through 120-ton units

Air-cooled condensing unit with axial fan



RAUC
20-105 TONS (50 HZ)
20-120 TONS (60 HZ)

Model No.	Cooling Capacity MBh ¹	Power Supply Volts/Phase/Hz		Uncrated Dimensions (in.)			Approx. Weight (Lbs)
		50 Hz	60 Hz	H	W	L	
RAUC C20	238	380-415/3/50	200-230/3/60 XL ²	5'7 ⁷ / ₈ "	5'0 ¹ / ₈ "	7'4 ¹ / ₄ "	1522
RAUC C25	306			6'1 ³ / ₈ "	5'0 ¹ / ₈ "	7'4 ¹ / ₄ "	1690
RAUC C30	366						
Dual Circuited Units							
RAUC C40	505	380-415/3/50	200-230/3/60 XL ²	6'6 ³ / ₈ "	7'4 ³ / ₈ "	7'4 ¹ / ₄ "	2769
RAUC C50	615			6'6 ³ / ₈ "	7'4 ³ / ₈ "	9'5 ⁷ / ₈ "	3148
RAUC C60	730						
RAUC C80	1070	380-415/3/50	200-230/3/60 PWS ²	6'5 ³ / ₄ "	7'4 ¹ / ₄ "	14'8 ¹ / ₂ "	5829
RAUC D10	1315			6'5 ³ / ₄ "	7'4 ¹ / ₄ "	18'11 ¹ / ₂ "	6736
RAUC D12	1600						

¹Based on 60 Hz operation

²Available 460/3/60 XL



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