



R22 1.5 - 5 T.R.



Only one indoor unit in order to equip several zones using a network of ducts.

A unit that can be easily installed thanks to its small dimensions and light weight.

A simple wall-mounted room thermostat allows the temperature to be set.

Very low level of noise : its biggest advantage.

Responds to aesthetic demands : the diffusers make the installation almost invisible.

FOR WHOM? FOR WHAT?

For offices, hotels, public buildings, businesses and residential applications, thanks to the Varitrac® applications.

For rooms varying between 20 m² and 160 m² in size.

TRANE'S ADVICE

This configuration is ideal for small and medium-sized surface areas equipped with false ceilings. An economical solution with discrete and quiet equipment.

However, this is an installation that must be included in planning at the time of construction.



TWE



TWG



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Features :

- Easy to clean coil and drain pan
- Convertible upflow to horizontal left, (no tools required) (matches installed units)
- Designed to use "off the shelf" standard size replaceable fiberglass filters – Industry Exclusive
- Easy to remove filters and blowers for easy cleaning and replacement
- Expanded application fit with narrow cabinet profile
- Easy access electrical controls and hook-up
- Attractive enamel finish
- R 4.2 - 1" insulation
- Versatile duct flange – allows flush fit 3/4 , 1 or 1 1/2 inch duct insulation
- Tight cabinet - low leak by design
- IAQ (Indoor Air Quality) sloped/free draining pan, no standing water
- Durable, glass-filled Lexan – Never rust, no leak drain pan
- Maximum depth 21 inches – fits pull-down staircase
- Exclusive maximum width 23 1/2 inches – fits 2 foot wide door
- Built-in time delay
- Full line 1 1/2 – 5 tons
- Direct drive motor
- Filter panel stamped with word "filter"
- AccuTron™ refrigerant control
- Expansion valve (Bleed TXV) standard on 5-ton models
- Polarized plugs for easy hook-up to electric heaters
- 200/230 volt primary and 24 volt secondary transformer
- Electric heaters with breaker option on all sizes
- TWG Air Handlers are approved for modular or manufactured homes

Standard Efficiency Convertible Air Handlers



Convertible (208-230/1/60)

Tons	Unit Model No.	Cooling Capacity (MBH)	FCCV	Fan Speed	Dimensions H x W x D (in.)	Shipping Weight (Lbs.)	Supply Opening ^{1,2}	Return Opening ¹	Filter Sizes	Line Gas	Size Liquid
1 1/2	TWG018A140B	18	.049	3	43 x 16 x 21	108	14 x 12 1/4 or 13 x 11 1/4	14 x 18 1/4	14 x 20 x 1	5/8	1/4
2	TWG025A140B	24	.055	3	45.7 x 18 x 21	124	16 x 12 1/4 or 15 x 11 1/4	16 x 18 1/4	16 x 20 x 1	3/4	5/16
2 1/2	TWG030A140B	30	.069	3	45.7 x 18 x 21	125	16 x 12 1/4 or 15 x 11 1/4	16 x 18 1/4	16 x 20 x 1	3/4	5/16
3	TWG036A140B	36	.071	3	52 x 18 x 21	135	16 x 12 1/4 or 15 x 11 1/4	16 x 18 1/4	16 x 20 x 1	7/8	3/8
3	TWG037A140B	37	.071	3	43 x 21 1/2 x 21	145	19 1/2 x 12 1/4 or 18 1/2 x 11 1/4	19 1/2 x 18 1/4	20 x 20 x 1	7/8	3/8
3 1/2	TWG042A140B	42	.080	3	43 x 23 1/2 x 21	160	21 1/2 x 12 1/4 or 20 1/2 x 11 1/4	21 1/2 x 18 1/4	20 x 20 x 1	7/8	3/8
4	TWG048A140B	48	.083	3	48.3 x 23 1/2 x 21	185	21 1/2 x 12 1/4 or 20 1/2 x 11 1/4	21 1/2 x 18 1/4	20 x 20 x 1	7/8	3/8
5	TWG060A150B	58	TXV	3	57.3 x 23 1/2 x 21	205	21 1/2 x 12 1/4 or 20 1/2 x 11 1/4	21 1/2 x 18 1/4	22 x 20 x 1	7/8	3/8

¹ Actual opening does not include flange.

² Adjustable duct flange allows for a flush fit with 3/4 , 1 or 1 1/2 inch insulation.

Standard Efficiency 6 Way Convertible Air Handlers



Features :

- Ships horizontal - converts to upflow by standing unit on end.
- Six-way convertibility-horizontal (left & right); front & rear access; upflow, downflow
- "1-man" installation opportunity
- Electrical, refrigerant, condensate & blower access convertible to either side
- Versatile duct flange - allows flush fit ³/₄", 1", or 1¹/₂" duct insulation
- Compact 21" depth for easy installation
- Uses BAYHTR1400 series heaters
- Corrosion resistant galvanized metal with attractive finish
- IAQ (Indoor Air Quality) sloped/free draining pan, no standing water
- TWE air handlers are approved for modular or manufactured homes.
- Superior condensate performance
- Enhanced internally finned coil tubes
- Direct drive motor
- Standard size filters
- Multi-speed blower
- 200/230 volt primary & 24 volt secondary transformer
- Low voltage wire nut connections
- Insulated cabinet
- External access to heater circuit breakers
- Polarized plugs for making electrical connections from air handler control box to heaters
- Built-in indoor fan delay function for increased efficiency. No kit required.
- Motors internally isolated

Convertible (200/230/1/60)

Tons	Unit Model No.	Cooling Capacity (MBH)	FCCV	Fan Speed	Dimensions H x W x D (in.)	Shipping Weight (lbs.)	Supply Opening ^{1,2}	Return Opening ¹	Filter Sizes	Line Gas	Size Liquid
1 ¹ / ₂	TWE018C140B	18	.049	3	43 x 21 ¹ / ₂ x 21	113	19 ¹ / ₄ x 12 or 18 ¹ / ₄ x 11	19 ¹ / ₂ x 18	20 x 20 x 1	⁵ / ₈	¹ / ₄
1 ¹ / ₂	TWE018C14FB (Air Tite™)	18	.049	3	43 x 21 ¹ / ₂ x 21	113	19 ¹ / ₄ x 12 or 18 ¹ / ₄ x 11	19 ¹ / ₂ x 18	20 x 20 x 1	⁵ / ₈	¹ / ₄
2	TWE024C140B	24	.055	3	43 x 21 ¹ / ₂ x 21	115	19 ¹ / ₄ x 12 or 18 ¹ / ₄ x 11	19 ¹ / ₂ x 18	20 x 20 x 1	³ / ₄	⁵ / ₁₆
2	TWE024C14FB (Air Tite™)	24	.055	3	43 x 21 ¹ / ₂ x 21	115	19 ¹ / ₄ x 12 or 18 ¹ / ₄ x 11	19 ¹ / ₂ x 18	20 x 20 x 1	³ / ₄	⁵ / ₁₆
2 ¹ / ₂	TWE030C140B	30	.067	3	43 x 21 ¹ / ₂ x 21	120	19 ¹ / ₄ x 12 or 18 ¹ / ₄ x 11	19 ¹ / ₂ x 18	20 x 20 x 1	⁷ / ₈	³ / ₈
2 ¹ / ₂	TWE030C14FB (Air Tite™)	30	.067	3	43 x 21 ¹ / ₂ x 21	120	19 ¹ / ₄ x 12 or 18 ¹ / ₄ x 11	19 ¹ / ₂ x 18	20 x 20 x 1	⁷ / ₈	³ / ₈
3	TWE036C140B	36	.071	3	43 x 21 ¹ / ₂ x 21	125	19 ¹ / ₄ x 12 or 18 ¹ / ₄ x 11	19 ¹ / ₂ x 18	20 x 20 x 1	⁷ / ₈	³ / ₈
3	TWE036C14FB (Air Tite™)	36	.071	3	43 x 21 ¹ / ₂ x 21	125	19 ¹ / ₄ x 12 or 18 ¹ / ₄ x 11	19 ¹ / ₂ x 18	20 x 20 x 1	⁷ / ₈	³ / ₈
3 ¹ / ₂	TWE042C140C	42	.080	3	45 x 23 ¹ / ₂ x 21	145	21 ¹ / ₄ x 12 or 20 ¹ / ₄ x 11	21 ¹ / ₂ x 18	20 x 20 x 1	⁷ / ₈	³ / ₈
3 ¹ / ₂	TWE042C14FC (Air Tite™)	42	.080	3	45 x 23 ¹ / ₂ x 21	145	21 ¹ / ₄ x 12 or 20 ¹ / ₄ x 11	21 ¹ / ₂ x 18	20 x 20 x 1	⁷ / ₈	³ / ₈
4	TWE048C140C	48	.083	3	52 x 23 ¹ / ₂ x 21	165	21 ¹ / ₄ x 12 or 20 ¹ / ₄ x 11	21 ¹ / ₂ x 18	20 x 20 x 1	1 ¹ / ₈	³ / ₈
4	TWE048C14FC (Air Tite™)	48	.083	3	51 x 23 ¹ / ₂ x 21	165	21 ¹ / ₄ x 12 or 20 ¹ / ₄ x 11	21 ¹ / ₂ x 18	20 x 20 x 1	1 ¹ / ₈	³ / ₈
5	TWE060D150B	60	TXV	3	58 x 23 ¹ / ₂ x 21	185	21 ¹ / ₄ x 12 or 20 ¹ / ₄ x 11	21 ¹ / ₂ x 18	22 x 20 x 1	1 ¹ / ₈	³ / ₈
5	TWE060C15FD ³ (Air Tite™)	60	TXV	3	57 x 23 ¹ / ₂ x 21	185	21 ¹ / ₄ x 12 or 20 ¹ / ₄ x 11	21 ¹ / ₂ x 18	22 x 20 x 1	1 ¹ / ₈	³ / ₈

¹ Actual opening does not include flange.

² Adjustable duct flange allows for a flush fit with 1 1/2 inch insulation or 3/4 inch or 1 inch insulation.

³ Two piece cabinet.



TWE - P

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Features :

- 12.0 SEER
- Ships horizontal - converts to upflow by standing unit on end
- Six-way convertibility-horizontal (left & right); front & rear access; upflow, downflow
- "1- man" installation opportunity
- Electrical, refrigerant, condensate & blower access convertible to either side
- Compact 21" depth for easy installation
- Corrosion resistant galvanized metal with attractive finish
- Superior condensate performance• Enhanced internally finned coil tubes
- Direct drive motor
- IAQ (Indoor Air Quality) sloped/free draining pan, no standing water
- Versatile duct flange - allows flush fit 3/4", 1", 1 1/2" duct insulation
- Filter panel stamped with word "filter"
- 200/230 volt primary & 24 volt secondary transformer
- Low voltage wire nut connections
- Insulated cabinet
- External access to heater circuit breakers
- Polarized plugs for making electrical connections from air handler control box to heaters
- Factory installed non-bleed TXV
- TWE Air Handlers are approved for modular or manufactured homes
- 1-year limited parts warranty

Improved Efficiency Convertible Air Handlers



Convertible (200/230/1/60)

Tons	Unit Model No.	Cooling Capacity (MBH)	FCCV	Fan Speed	Dimension H x W x D (in.)	Shipping Weight (lbs.)	Supply Opening ^{1 2}	Return Opening ¹	Filter Sizes	Line Gas	Size Liquid
1 1/2	TWE018P130B	18	TXV	3	43 x 21 1/2 x 21	114	19 1/4 x 12 or 18 1/4 x 11	19 1/2 x 18	20 x 20 x 1	5/8	1/4
1 1/2	TWE018P13FB (Air Tite™)	18	TXV	3	43 x 21 1/2 x 21	114	19 1/4 x 12 or 18 1/4 x 11	19 1/2 x 18	20 x 20 x 1	5/8	1/4
2	TWE024P130B	24	TXV	3	43 x 21 1/2 x 21	121	19 1/4 x 12 or 18 1/4 x 11	19 1/2 x 18	20 x 20 x 1	3/4	5/16
2	TWE024P13FB (Air Tite™)	24	TXV	3	43 x 21 1/2 x 21	121	19 1/4 x 12 or 18 1/4 x 11	19 1/2 x 18	20 x 20 x 1	3/4	5/16
2 1/2	TWE030P130B	30	TXV	3	43 x 21 1/2 x 21	121	19 1/4 x 12 or 18 1/4 x 11	19 1/2 x 18	20 x 20 x 1	3/4	5/16
2 1/2	TWE030P13FB (Air Tite™)	30	TXV	3	43 x 21 1/2 x 21	121	19 1/4 x 12 or 18 1/4 x 11	19 1/2 x 18	20 x 20 x 1	3/4	5/16
3	TWE036P130B	36	TXV	3	45 x 21 1/2 x 21	135	19 1/4 x 12 or 18 1/4 x 11	19 1/2 x 18	20 x 20 x 1	7/8	3/8
3	TWE036P13FB (Air Tite™)	36	TXV	3	45 x 21 1/2 x 21	135	19 1/4 x 12 or 18 1/4 x 11	19 1/2 x 18	20 x 20 x 1	7/8	3/8
3 1/2	TWE042P130B	42	TXV	3	52 x 23 1/2 x 21	165	21 1/4 x 12 or 20 1/4 x 11	21 1/2 x 18	20 x 20 x 1	7/8	3/8
3 1/2	TWE042P13FB (Air Tite™)	42	TXV	3	52 x 23 1/2 x 21	165	21 1/4 x 12 or 20 1/4 x 11	21 1/2 x 18	20 x 20 x 1	7/8	3/8
4	TWE048P130B	48	TXV	3	57 x 26 x 21	188	23 3/4 x 12 or 22 3/4 x 11	24 x 18	20 x 25 x 1	1 1/8	3/8
4	TWE048P13FB (Air Tite™)	48	TXV	3	57 x 26 x 21	188	23 3/4 x 12 or 22 3/4 x 11	24 x 18	20 x 25 x 1	1 1/8	3/8
5	TWE060P130B	58	TXV	3	57 x 26 x 21	193	23 3/4 x 12 or 22 3/4 x 11	24 x 18	20 x 25 x 1	1 1/8	3/8
5	TWE060P13FB (Air Tite™)	58	TXV	3	57 x 26 x 21	193	23 3/4 x 12 or 22 3/4 x 11	24 x 18	20 x 25 x 1	1 1/8	3/8
5	TWE063P130B ¹	60	TXV	3	63 x 26 x 21	211	23 3/4 x 12 or 22 3/4 x 11	24 x 18	20 x 25 x 1	1 1/8	3/8
5	TWE063P13FB ¹ (Air Tite™)	60	TXV	3	63 x 26 x 21	211	23 3/4 x 12 or 22 3/4 x 11	24 x 18	20 x 25 x 1	1 1/8	3/8

1 Two piece cabinet.

2 Actual opening does not include flange.

High Efficiency 6 Way Convertible Air Handlers

- TWE air handlers are approved for modular or manufactured homes.
- TWE031E airflow selectable for 1½ – 3 ton O.D. unit
- TWE037E airflow selectable for 2 – 3½ ton O.D. unit
- TWE040E airflow selectable for 2 – 3½ ton O.D. unit
- TWE049E airflow selectable for 3 – 5 ton O.D. unit
- TWE065E airflow selectable for 3½ – 5 ton O.D. unit



Features :

- Ships horizontal - converts to upflow by standing unit on end
- Six-way convertibility
- Electrical, refrigerant, condensate & blower access convertible to either side
- Compact 21" depth for easy installation
- Variable speed Direct drive motor
- Enhanced Comfort-R™ dehumidification start-up
- Soft start - cycle-on speed is ramped up gradually to reduce sound and draft
- 200/230 volt primary & 24 volt, 77 VA secondary transformer
- 1" thick insulated cabinet
- Corrosion resistant galvanized metal with attractive finish
- Versatile duct flange - allows flush fit ¾", 1", or 1½" duct insulation
- Low voltage terminal board
- External brazed refrigerant connections
- Filter panel stamped with word "filter"
- Filter door seal
- Exclusive duct flange thermal break/seal
- Check valve for heat pump application
- IAQ (Indoor Air Quality) sloped/free draining pan, no standing water
- Expansion valve refrigerant control
- Internally enhanced finned coil tubing
- Access to heater circuit breakers
- Polarized plugs for making motor and transformer electrical connections from air handler control box to electric heaters
- Primary and secondary drain connections
- Built-in indoor fan delay function for increased efficiency
- TWE-E Start Kit required with single-speed outdoor only
- Enhanced cooling/heating control Air Tite™

Convertible, Variable Speed with Comfort-R™ Enhanced Mode Option (200/230/1/60)

Tons	Unit Model No.	Cooling Capacity		Fan Speed	Dimensions H x W x D (in.)	Shipping Weight (lbs.)	Supply Opening ^{1,2}	Return Opening ¹	Filter Sizes	Line Gas	Size Liquid
		(MBH)	FCCV								
1½-3	TWE031E13FB	31	TXV	Variable	43 x 21½ x 21	134	19¼ x 12 or 18¼ x 11	19½ x 18	20 x 20 x 1	¾	5/16
2-3½	TWE037E13FB	37	TXV	Variable	45 x 23½ x 21	142	21¼ x 12 or 20¼ x 11	21½ x 18	20 x 20 x 1	7/8	3/8
2-3½	TWE040E13FB	40	TXV	Variable	52 x 26 x 21	174	23¾ x 12 or 22¾ x 11	24 x 18	20 x 25 x 1	7/8	3/8
3-5	TWE049E13FB	49	TXV	Variable	58 x 26 x 21	188	23¾ x 12 or 22¾ x 11	24 x 18	20 x 25 x 1	1½	3/8
3½-5	TWE065E13FB*	65	TXV	Variable	63 x 26 x 21	218	23¾ x 12 or 22¾ x 11	24 x 18	20 x 25 x 1	1½	3/8

¹Actual opening does not include flange. * Two-Piece Cabinet

Convertible, Dual Circuit, Variable Speed with Comfort-R™ Enhanced Mode Option (200/230/1/60)

Tons	Unit Model No.	Cooling Capacity		Fan Speed	Dimensions H x W x D (in.)	Shipping Weight (Lbs.)	Supply Opening ^{1,2}	Return Opening ¹	Filter Sizes	Line Gas	Size Liquid
		(MBH)	FCCV								
3-6	TWE062E13FB	64	TXV(2)	Variable	62¾ x 26 x 21	218	23¾ x 12 or 22¼ x 11	24 x 18	20 x 25 x 1	¾	3/8

¹Actual opening does not include flange.