

VENTAGEN

T-Pro 25 Series

10 years on
the compressor

• Limited warranty •

2 years on
parts.



10.5 HSPF IN HEATING

Heating down to -30°C

25 SEER2 IN COOLING



Wi-Fi

MAIN FEATURES

Operating Modes:

- **Cooling (Cool):** This function allows the heat pump to cool the room while reducing air humidity.
- **Heating (Heat):** This function allows the heat pump to heat the room.
- **Dehumidification (Dry):** This function reduces air humidity to make the room more comfortable.
- **Ventilation (Fan):** This function allows ventilation only.
- **Automatic (Auto):** In AUTO mode, the operating mode will be set automatically according to the ambient temperature.
- **Sleep:** After 10 hours of operation in sleep mode, the heat pump will shut off.

Control:

- Remote control
- Smart control through Wi-Fi technology
- Temperature display in °C or °F

Application:

- Residential, commercial buildings, office buildings, condos, restaurants, etc.

Indoor Unit:

- Wall-mounted installation
- Four-speed fan (auto, high, medium, low)
- Dehumidification: from 1.9 L/h to 3.4 L/h
- Very low sound level, close to a whisper

Power Supply

- 208/230V, 60 Hz, 1 Phase.

Available Capacities:

- 12000, 18000 and 24000 BTU/h.

Outdoor Unit:

- GMCC (Toshiba) variable-speed compressor
- Very quiet unit.

Connection:

- 4/16 AWG copper wire

Factory pre-charged length:

- 25 ft (7.5 m)



Intelligent preheating



Intelligent defrost



Auto cleaning



Auto diagnosis



Heating cable



Auto restart



Sleep mode



Timer



Up/down swing



Left/right swing



Easy installation

VENTAGEN

TECHNICAL SPECIFICATIONS

T-Pro 25 SEER2 Series

T-PRO 25 SEER SERIES		12000	18000	24000
Indoor Unit:		TSVH12HEI2N24I454	TSVH18HEI2N24I454	TSVH24HEI2N24I454
Outdoor Unit:		TSVH12HEI2N24O454	TSVH18HEI2N24O454	TSVH24HEI2N24O454
Power Supply	V/Hz/Ph	208/230V~/60Hz/1P	208/230V~/60Hz/1P	208/230V~/60Hz/1P
Communication Electrical Connection		4 x 16 AWG	4 x 16 AWG	4 x 16 AWG

SYSTEM PERFORMANCE

Capacity	Cooling BTU/h	12 000	18 000	24 000
	Heating BTU/h	12 000	18 000	24 000
Rated Power Input	Cooling W	970	1 390	1 860
	Heating W	925	1360	2 000
SEER 2	BTU/Wh	25.0	23.5	22.5
EER 2	BTU/Wh	14.0	12.5	11.7
HSPF 2 (Region IV)	BTU/Wh	10.5	10.0	10.0
Maximum Heating Capacity (5°F/15°F)	W/W	12000	17800	22400
COP	W/W	4	3.64	3.3
Energy Star®		YES	YES	YES
NEEP CANADA		YES	YES	YES
Minimum Circuit Ampacity (MCA)	A	12	20	21
Maximum Overcurrent Protection (MOP)	A	20	30	30

INDOOR UNIT SPECIFICATIONS

		TSVH12HEI2N24I454	TSVH18HEI2N24I454	TSVH24HEI2N24I454
Dehumidification Capacity	L/h	1.9	2.7	3.4
Air Flow Volume	m ³ /h (CFM)	850/800/700/550/350	1250/1150/900/720/670	1250/1150/900/720/670
Sound Pressure Level	dB(A)	46/44/36/32/30	48/45/40/37/34	49/47/42/37/32
Dimensions	Width mm (in)	920 (36.22)	1097 (43.19)	1097 (43.19)
	Height mm (in)	306 (12.05)	332 (13.07)	332 (13.07)
	Depth mm (in)	195 (7.68)	222 (8.74)	222 (8.74)
Net Weight	kg (lb)	10.6 (23.1)	14 (30.9)	14 (30.9)

OUTDOOR UNIT SPECIFICATIONS

		TSVH12HEI2N24O454	TSVH18HEI2N24O454	TSVH24HEI2N24O454
Ambient Temperature	Cooling °C/°F	-15~55/5~131	-15~55/5~131	-15~55/5~131
	Heating °C/°F	-30~30/-22~86	-30~30/-22~86	-30~30/-22~86
Sound Pressure Level	dB(A)	57	58	61
Dimensions	Width mm (in)	863 (33.95)	927 (36.5)	978(38.5)
	Height mm (in)	602 (23.7)	699 (27.52)	803 (31.61)
	Depth mm (in)	349 (13.74)	380 (14.96)	421 (16.57)
Net Weight	kg (lb)	31.5 (69.4)	42.5 (93.7)	49 (108)

REFRIGERATION SYSTEM

		R454B	R454B	R454B
Suction Line Size	mm (in)	ø 9.52 (3/8)	ø 12.7 (1/2)	ø 15.88 (5/8)
Liquid Line Size	mm (in)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)
Factory Pre-charged Pipe Length	m (ft)	7.5 (24.6)	7.5 (24.6)	7.5 (24.6)
Maximum Pipe Length	m (ft)	15 (49)	20 (65)	20 (65)
Additional Refrigerant Charge	g/m. (oz/ft)	10 (0.11)	10 (0.11)	10 (0.11)

Specifications subject to change without notice