Product Catalog

Gas Heating Products: Indoor and Outdoor Units

Indirect Fired, Direct Fired, and Gas Unit Heaters

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Revision History

- Revised the GTNE/GTPE, GNNE/GNPE, and GVNE/GVPE model image and performance data table.
- Deleted the GANE/GAPE and GKNE/GKPE model image and performance data table.
- Revised the HI model performance data table.

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Indirect Fired

Trane now offers one of the most complete lines of indoor and outdoor gas heating products on the market today.

Tubular gas unit heaters, propeller fan gas unit heaters, centrifugal gas unit heaters, duct furnaces, horizontal blower assemblies, indoor make-up air handlers, and rooftop gas heating units are available in a wide range of sizes with a variety of factory-installed options to meet your application needs. All units are ETL listed, conforming to the toughtest standards for safe and efficient operation. Contact your local Trane sales office for more information.

Low Profile Tubular Propeller Unit Heater (Model GTNE/GTPE)

The Trane low profile gas-fired unit heater is a highly efficient, extremely versatile product. Model GT units combine the latest tubular heat exchanger technology with a unique single orifice burner system. Units are available in sizes ranging from 30 to 120 MBh in a compact, low profile design. For additional application flexibility, low profile tubular units can be field-converted to separated combustion with the addition of an optional Combustion Air Inlet Kit.

The Trane low profile gas-fired unit heater conforms with the latest ETL certification standards. Design-certified under ANSI Z83.8 for Industrial/Commercial use makes this low profile unit heater the ideal selection.

Figure 1. Tubular heat exchanger propeller fan

Table 1. Performance data - tubular propeller unit heater

Unit Size		003	004	006	007	009	011	120
Input	MBh	30.0	45.0	60.0	75.0	90.0	105.0	120.0
	kW	8.8	13.2	17.6	22.0	26.4	30.8	35.2
Output	MBh	24.9	37.35	49.8	61.5	73.8	86.1	98.4
	kW	7.2	10.9	14.5	18.0	21.6	25.2	28.8
Thermal Efficiency	(%)	83	83	83	82	82	82	82
Free Air Delivery	cfm	370	550	740	920	1,100	1,300	1,475
	$m^3/3$	0.175	0.260	0.349	0.434	0.519	0.614	0.696

Table 1. Performance data - tubular propeller unit heater (continued)

Unit Size		003	004	006	007	009	011	120
Air Temperature Rise	°F	60	60	60	60	60	60	60
	°C	33	33	33	33	33	33	33
Full Load Amps at 120V		3.2	3.2	4.1	4.1	6.4	6.4	6.4
Maximum Circuit Ampacity		3.7	3.7	4.8	4.8	7.5	7.5	7.5
Motor Data	hp	1/20	1/20	1/12	1/12	1/10	1/10	1/10
	kW	0.04	0.04	0.06	0.06	0.075	0.075	0.075
	Type ODP[a]	SP	SP	SP	SP	SP	SP	SP
	rpm	1,650	1,650	1,050	1,050	1,050	1,050	1,050
Amps at 115V		1.9	1.9	2.6	2.6	4.2	4.2	4.2

Notes:

1. Ratings are shown for elevations up to 2,000 feet above sea level. Above 2,000 feet, input must be derated 4 percent for each 1,000 feet above sea level. Refer to the applicable unit Installation, Operation, and Maintenance manual for additional information on field deration.
2. For installations in Canada, any reference to deration at altitudes in excess of 2,000 ft. (610 m) are to be ignored. At altitudes of 2,000 ft to 4,500 ft (610 m to 1372 m), the unit must be field derated, and be so marked in accordance with the ETL certification.
3. Standard motors are 115/60/1 Open Drip Proof.

[a] ODP = Open Drip Proof; SP = Shaded Pole.

Tubular Propeller Fan Gas Unit Heaters (Model GNNE/GNPE)

Trane propeller fan unit heaters combine the latest tubular heat exchanger and inshot burner technology for a highly efficient, extremely durable alternative to conventional unit heaters. Standard energy saving features include direct spark pilotless ignition and power venting, which reduce standby losses and improve seasonal efficiencies.

Designed with application flexibility in mind, these units can be installed in either standard or separated combustion venting configurations without requiring modification to the unit itself. Combustion air inlet collars are simply left open in a standard combustion application. Separated combustion venting requires connecting combustion air inlet piping to the inlet collars, which encloses the burners, spark ignitor, and flue system within the unit, allowing the entire combustion process to remain unaffected by the environment where the unit is installed. Separated combustion venting configurations should be used where dusty, dirty, or mildly corrosive conditions exist, or where high humidity or slightly negative pressures prevail.

Units are available in sizes 100 to 400 MBh, and are certified by ETL as providing 83 percent thermal (combustion) efficiency.

Figure 2. Propeller fan

Table 2. Performance data - propeller fan gas unit heater

Unit Size		100	125	150	175	200	250	300	350	400
Input	Btu/h	100,000	125,000	150,000	175,000	200,000	250,000	300,000	350,000	400,000
	kW	29.3	36.6	43.9	51.2	58.6	73.2	87.8	102.5	117.1
Output	Btu/h	83,000	103,750	124,500	145,250	166,000	207,500	249,000	290,500	332,000
	kW	24.3	30.4	36.4	42.5	48.6	60.7	72.9	85.1	97.2
Thermal Efficiency	(%)	83	83	83	83	83	83	83	83	83
Free Air Delivery	cfm	1,600	2,200	2,400	2,850	3,200	3,450	5,000	5,600	5,800
	$m^3/3$	0.756	1.039	1.133	1.346	1.511	1.629	2.361	2.644	2.738
Air Tempera-ture Rise	°F	47	42	47	46	47	54	45	47	51
	°C	26	23	26	26	26	30	24	26	28

Table 2. Performance data - propeller fan gas unit heater (continued)

Unit Size		100	125	150	175	200	250	300	350	400
Full Load Amps at 120V		6.4	6.9	6.9	8.0	8.0	8.0	11.6	13.8	13.8
Maximum Circuit Ampacity		7.5	8.1	8.1	9.5	9.5	9.5	12.8	15.3	15.3
Motor Data	hp (Qty)	1/10	1/4	1/4	1/3	1/3	1/3	1/4 (2)	1/3 (2)	1/3 (2)
	kW	0.080	0.19	0.19	0.25	0.25	0.25	0.19	0.25	0.25
	Type ODP [a]	SP	PSC	PSC	PSC	PSC	PSC	PSC	PSC	PSC
	rpm	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050
Amps at 115V		4.2	4.7	4.7	5.8	5.8	5.8	9.4	11.6	11.6

Notes:

1. Ratings shown are for unit installations at elevations between 0 and 2,000 ft (0 to 610 m). For unit installations in USA above 2,000 ft (610 m), the unit input must be field derated 4 percent for each 1,000 ft (305 m) above sea level; refer to local codes, or in absence of local codes, refer to the latest edition of the National Fuel Gas Code, ANSI Standard Z223.1 (NFPA No. 54). Refer to the applicable unit Installation, Operation, and Maintenance manual for additional information on field deration.
2. For installations in Canada, any reference to deration at altitudes in excess of 2,000 ft. (610 m) are to be ignored. At altitudes of 2,000 ft to 4,500 ft (610 m to 1372 m), the unit must be field derated, and be so marked in accordance with the ETL certification.

[a] ODP = Open Drip Proof; SP = Shaded Pole; PSC = Permanent Split Capacitor.

Tubular Blower Fan Gas Unit Heaters (Model GVNE/GVPE)

Trane blower unit heaters combine the latest tubular heat exchanger and inshot burner technology for a highly efficient, extremely durable alternative to conventional unit heaters. Standard energy saving features include direct spark pilotless ignition and power venting, which reduce standby losses and improve seasonal efficiencies.

Designed with application flexibility in mind, these units can be installed in either standard or separated combustion venting configurations without requiring modification to the unit itself. Combustion air inlet collars are simply left open in a standard combustion application. Separated combustion venting requires connecting combustion air inlet piping to the inlet collars, which encloses the burners, spark ignitor, and flue system within the unit, allowing the entire combustion process to remain unaffected by the environment where the unit is installed. Separated combustion venting configurations should be used where dusty, dirty, or mildly corrosive conditions exist, or where high humidity or slightly negative pressures prevail.

Units are available in sizes 100 to 400 MBh, and are certified by ETL as providing 83 percent thermal (combustion) efficiency.

Figure 3. Tubular blower gas unit

Table 3. Performance data - tubular blower gas unit heaters

Unit Size		100	125	150	175	200	250	300	350	400
Input	Btu/h	100,000	125,000	150,000	175,000	200,000	250,000	300,000	350,000	400,000
	kW	29.3	36.6	44.0	51.3	58.6	73.3	87.9	102.6	117.2
Output	Btu/h	83,000	103,750	124,500	145,250	166,000	207,500	246,000	290,500	332,000
	kW	24.3	30.4	36.5	42.6	48.6	60.8	72.1	85.1	97.3
Thermal Efficiency	(%)	83	83	83	83	83	83	83	83	83
Free Air Delivery	cfm	1,181	1,476	1,771	2,067	2,362	2,953	3,501	4,134	4,724
	$m^3/3$	0.557	0.697	0.836	0.976	1.115	1.394	1.652	1.951	2.230
Air Tempera-ture Rise	°F	65	65	65	65	65	65	65	65	65
	°C	36	36	36	36	36	36	36	36	36

Table 3. Performance data - tubular blower gas unit heaters (continued)

Unit Size		100	125	150	175	200	250	300	350	400
Outlet Velocity	fpm	370	463	555	395	451	564	422	498	570
	m/s	1.879	2.351	2.819	2.006	2.291	2.864	2.143	2.529	2.895
Full Load Amps at 120V		7.3	9.4	9.4	14.2	14.2	15.6	15.6	20.8	20.8
Maximum Circuit Ampacity		8.6	11.2	11.2	17.1	17.1	18.9	18.9	25.4	25.4
Motor Data	hp (Qty)	1/4	1/2	1/2	3/4	3/4	1	1	1–1/2	1–1/2
	kW	0.019	0.37	0.37	0.56	0.56	0.75	0.75	1.11	1.11
	Type ODP [a]	SPH	SPH	SPH	SPH	SPH	Cap.Start	Cap.Start	Cap.Start	Cap.Start
	rpm	1,725	1,725	1,725	1,725	1,725	1,725	1,725	1,725	1,725
Amps at 115V		5.1	7.2	7.2	11.6	11.6	13.0	13.0	18.2	18.2

Notes:

1. Ratings shown are for unit installations at elevations between 0 and 2,000 ft (0 to 610 m). For unit installations in USA above 2,000 ft (610 m), the unit input must be field derated 4 percent for each 1,000 ft (305 m) above sea level; refer to local codes, or in absence of local codes, refer to the latest edition of the National Fuel Gas Code, ANSI Standard Z223.1 (NFPA No. 54). Refer to the applicable unit Installation, Operation, and Maintenance manual for additional information on field deration.
2. For installations in Canada, any reference to deration at altitudes in excess of 2,000 ft (610m) are to be ignored. At altitudes of 2,000 ft to 4,500 ft (610 to 1,372 m), the unit must be field derated, and be so marked in accordance with the ETL certification.

[a] ODP = Open Drip Proof; SPH = Split Phase; Cap. Start = Capacitor Start.

Power Vented Indoor Gas Duct Furnace (Model GLND/GLPD)

The Trane power vented indoor gas duct furnaces can achieve annual fuel savings of 20 to 25 percent or more over conventional gravity vented units. Features include a factory installed flue vent fan and sealed flue collector that control combustion and excess air during the on-cycle. Heated air no longer escapes through the draft diverted opening during the off cycle.

Energy saving intermittent pilot ignition reduces gas losses. The pilot operates only when required. Horizontal power venting allows side wall venting, smaller openings and single wall vent pipe.

Figure 4. Power vented indoor gas duct furnace

Table 4. Performance data - power ventilated indoor gas duct furnace

Unit Size		010	012	015	017	020	022	025	030	035	040
Input	MBh	100	125	150	175	200	225	250	300	350	400
Output	MBh	80	100	120	140	160	180	200	240	280	320
Max	cfm	2,469	3,086	3,704	4,321	4,938	5,556	6,173	7,407	8,642	9,877
Pressure Drop	in. WC	0.90	0.80	0.75	0.75	0.75	0.75	0.80	0.90	0.90	0.90
Temper-ature Rise	°F	30	30	30	30	30	30	30	30	30	30
Min	cfm	929	1,157	1,389	1,620	1,852	2,083	2,315	2,778	3,241	3,704
Pressure Drop	in. WC	0.12	0.13	0.15	0.14	0.14	0.14	0.14	0.13	0.13	0.14
Temper-ature Rise	°F	80	80	80	80	80	80	80	80	80	80

Table 4. Performance data - power ventilated indoor gas duct furnace (continued)

Unit Size		010	012	015	017	020	022	025	030	035	040
Flue Outlet[a]	in.	5–1/8	5–1/8	5–1/8	5–1/8	5–1/8	5–1/8	5–1/8	5–1/8	5–1/8	5–1/8
Flue Pipe Size	in. R	4	4	4	4	5	5	5	6	6	6

Notes:

1. Ratings are shown for elevations up to 2,000 feet above sea level. Above 2,000 feet (610 m), input must be derated 4 percent for each 1,000 feet (305 m) above sea level.
2. For installations in Canada, any reference to deration at altitudes in excess of 2,000 ft. (610 m) are to be ignored. At altitudes of 2,000 ft to 4,500 ft (610 m to 1372 m), the unit must be orificed to 90 percent of the normal altitude rating, and be so marked in accordance with the ETL certification.

[a] All flue outlets are 5-1/8" O.D. ±1/32" (reducer by installer where required). Increaser supplied by manufacturer for 030, 035, 040 sizes.

Separated Combustion Indoor Gas Duct Furnaces (Model GMND/ GMPD)

The Trane separated combustion duct furnace is designed for installation in dusty, dirty or mildly corrosive environments or where high humidity or slightly negative pressures exist. Ideal applications include HVAC equipment rooms, manufacturing facilities, automotive garages and greenhouses.

Figure 5. Separated combustion indoor gas duct furnaces

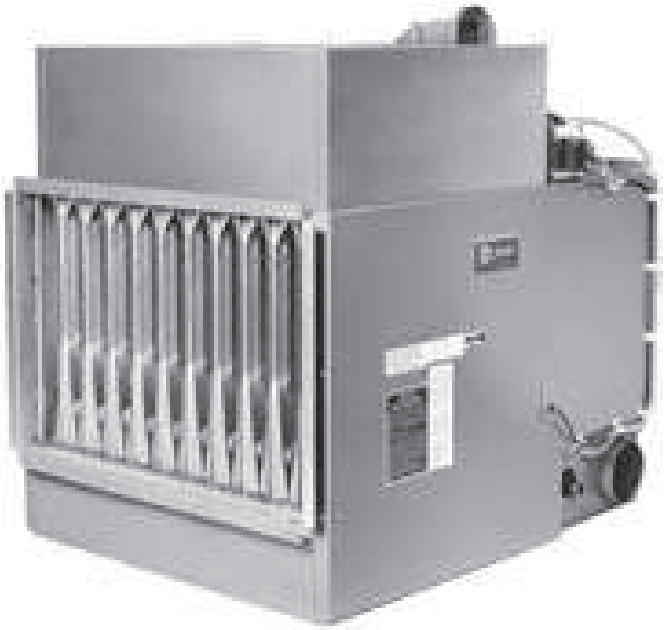

Table 5. Performance data - separated combustion indoor gas duct furnaces

Unit Size		010	012	015	017	020	022	025	030	035	040
Input Max	MBh	100	125	150	175	200	225	250	300	350	400
	kW	29.3	36.6	43.9	51.2	58.6	65.9	73.2	87.8	102.5	117.1
Input Min	MBh	50.0	62.5	75.0	87.5	100.0	112.5	125.0	150.0	175.0	200.0
	kW	14.6	18.3	22.0	25.6	29.3	32.9	36.6	43.9	51.2	58.6
Output	MBh	80	100	120	140	160	180	200	240	280	320
	kW	23.4	29.3	35.1	41.0	46.9	52.7	58.6	70.3	82.0	93.7
Min	cfm	822	1,028	1,233	1,439	1,645	1,850	2,056	2,467	2,878	3,289
	m^3/s	0.388	0.485	0.582	0.679	0.776	0.873	0.970	1.164	1.358	1.552
Air Temperature Rise	°F	90	90	90	90	90	90	90	90	90	90
	°C	50	50	50	50	50	50	50	50	50	50
Pressure Drop	in. WC	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10
	kPa	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Max	cfm	3,700	4,625	5,550	6,475	7,401	8,326	9,251	11,101	12,951	14,801
	m^3/s	1.746	2.183	2.620	3.056	3.493	3.930	4.366	5.240	6.113	6.986
Air Temperature Rise	°F	20	20	20	20	20	20	20	20	20	20
	°C	11	11	11	11	11	11	11	11	11	11

Table 5. Performance data - separated combustion indoor gas duct furnaces (continued)

Unit Size		010	012	015	017	020	022	025	030	035	040
Pressure Drop	in. WC	2.03	1.92	1.81	1.86	1.90	1.93	1.96	2.00	2.02	2.05
	kPa	0.51	0.48	0.45	0.46	0.47	0.48	0.49	0.50	0.50	0.50

Notes:

1. Ratings are shown for elevations up to 2,000 feet (610 m) above sea level. Above 2,000 feet (610 m), input must be derated 4 percent for each 1,000 feet (305 m) above sea level.
2. For installations in Canada, any reference to deration at altitudes in excess of 2,000 ft. (610 m) are to be ignored. At altitudes of 2,000 ft to 4,500 ft (610 m to 1372 m), the unit must be orificed to 90 percent of the normal altitude rating, and be so marked in accordance with the ETL certification.

Rooftop Gas Duct Furnace - Arrangement A (Model GFAA/GFBA/GFCA/GFDA)

Trane rooftop duct furnaces combine all the features of indoor units with rail mounting and weatherproof construction. Side access burner drawer and intermittent pilot ignition are standard. Gravity venting is standard; optional power venting is available. Available in single, double, or triple furnace sizes. For outdoor use only. Approved in blow-thru applications only.

Figure 6. Single rooftop gas duct furnace - arrangement A, optional power venting

Table 6. Performance data - single rooftop gas duct furnace - arrangement A, standard temperature rise

GFAA/GFBA/GFCA/GFDA	10	15	20	25	30	35	40
Input MBh	100.0	150.0	200.0	250.0	300.0	350.0	400.0
Output MBh	80.0	120.0	160.0	200.0	240.0	280.0	320.0
Max CFM	3,704	5,556	7,407	9,259	11,111	12,963	14,815
Pressure Drop	1.10	1.00	1.05	1.08	1.10	1.11	1.12
Min Temperature Rise °F	20	20	20	20	20	20	20
Min cfm	1,235	1,852	2,469	3,086	3,704	4,321	4,938
Pressure Drop	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Max Temperature Rise °F	60	60	60	60	60	60	60

Single, Double, and Triple Furnace Rooftops - Arrangements B–L (Model GRAA/GRBA/GRCA/GRDA)

Trane rooftop heating units are designed for applications requiring heating, cooling, ventilating and make-up air. Unit sizes range from 800–14,000 CFM with gas inputs of 100–1200 MBh. Units are ETL certified for electrical safety in compliance with UL-1995 Standard for HVAC equipment.

Units are available in eight different arrangements: heating only, heating with DX, chilled water or evaporative cooling with horizontal discharge or downflow supply. All units are completely packaged, rail mounted, wired, piped, waterproofed and test fired to assure a smooth installation and easy start-up.

Figure 7. Single furnace rooftop (power vent shown)

Table 7. Single furnace - arrangement B–L

GRAA/GRBA/GRCA/ GRDA	10	15	20	25	30	35	40
Input MBh	100.0	150.0	200.0	250.0	300.0	350.0	400.0
Output MBh	80.0	120.0	160.0	200.0	240.0	280.0	320.0
CFM Range	800–3500	960–4500	1600–7400	1600–7500	1900–11000	1900–13000	2100–14000
Max Temperature Rise °F	90	90	90	90	90	90	90
Min Temperature Rise °F	20	20	20	20	20	20	20

Figure 8. Double furnace rooftop (natural vent shown)

Table 8. Double furnace - arrangement B–L

GRAA/GRBA	50	60	70	80
Input MBh	500.0	600.0	700.0	800.0
Output MBh	400.0	480.0	560.0	640.0
CFM Range	1600–7500	1900–11000	1900–13000	2100–13500
Max Temperature Rise °F	120	12	120	120
Min Temperature Rise °F	40	40	40	40

Figure 9. Triple furnace - arrangement B–L (natural vent shown)

Table 9. Triple furnace - arrangement B–L

GRAA/GRBA	12
Input MBh	1200.0
Output MBh	960.0
CFM Range	5500–13000
Max Temperature Rise °F	180
Min Temperature Rise °F	60

Gas Fired High Efficiency Unit Heater (Model HI)

Trane's model HI high efficiency gas-fired unit heaters brings tomorrow's technologies to today's products. Engineered for performance, Trane incorporates leading edge control and combustion technologies to customers across North America.

Trane's model HI tri-metal condensing heat exchanger, state-of-the-art control platform, and proprietary fully modulating pre-mix burner design safely provide industry leading operating efficiencies of up to 99%.

Model HI is available in 6 sizes - 50, 100, 150, 200, 300 and 400 MBh, in both natural gas and LP gas, and can be vented through PVC and CPVC for application flexibility. All units are field convertible to separated combustion.

Figure 10. Gas fired high efficiency unit heater (model HI)

Table 10. Performance Data - gas fired high efficiency unit heater

Model	HI050	HI100	HI150	HI200	HI300	HI400
Input Btu/h	50000	100000	150000	200000	300000	400000
Output Btu/h	48600	96000	143000	192000	285000	348000
Thermal Efficiency	97%	96%	95%	96%	95%	96%
Air Temp Rise	57°F	55°F	50°F	55°F	55°F	55°F
Condensate Production (Gal/Hr)	0.41	0.73	1.06	1.38	1.71	3.00
Turn Down Ratio	3:1	3:1	3:1	3:1	3:1	3:1
Modulating Control	Yes	Yes	Yes	Yes	Yes	Yes
Fuel Type	NG/LP	NG/LP	NG/LP	NG/LP	NG/LP	NG/LP
Venting Category	IV	IV	IV	IV	IV	IV
Entering Airflow (CFM at 70°F)	790	1616	2661	3232	4848	6464
Outlet Velocity (FPM)	697	977	928	1127	1101	1114
Heat Throw at 20' Mounting Height	n/a	150 ft	n/a	150 ft	150 ft	150 ft
Min. Gas Pressure Natural	5 inch wc	5 inch wc	5 inch wc	5 inch wc	5 inch wc	5 inch wc
Min. Gas Pressure LP	8 inch wc	8 inch wc	8 inch wc	8 inch wc	8 inch wc	8 inch wc
Max. Gas Pressure Natural/LP	14 inch wc	14 inch wc	14 inch wc	14 inch wc	14 inch wc	14 inch wc
Motor HP	1/14	0.5	0.0833	0.5	1	1
Motor Qty	2	1	2	2	2	2
Motor RPM	1500	1500	1500	1500	1625	1625
Gas Connection Size	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"
Condensate Discharge Size	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Condensate Trap	Yes	Yes	Yes	Yes	Yes	Yes
Combustion Air Intake	2"	2"	2"	3"	4"	4"
Combustion Air Intake Material	PVC/CPVC	PVC/CPVC	PVC/CPVC	PVC/CPVC	PVC/CPVC	PVC/CPVC
Flue Size	2"	2"	2"	3"	4"	4"
Flue Material	PVC/CPVC	PVC/CPVC	PVC/CPVC	PVC/CPVC	PVC/CPVC	PVC/CPVC
Electrical Data						
Supply Voltage/Phase	115V-1PH	115V-1PH	115V-1PH	115V-1PH	115V-1PH	115V-1PH
FLA	10.8	10.3	17.6	17.6	31.2	3.2
Motor Amps (total fan motor amps)	6.5	6.0	12.0	12.0	22.0	22.0
Dimensions						
Height	12-1/4"	17-1/4"	17-1/4"	17-1/4"	25-11/16"	33-7/16"
Width	42-13/16"	42-13/16"	54-13/16"	54-13/16"	54-13/16"	54-13/16"
Depth	32-5/8"	39"	41"	42"	42"	42"
Weight	120 lbs.	180 lbs.	209 lbs.	260 lbs.	323 lbs.	385 lbs.
Clearance Service/Combustible						
Air Intake Side	18"	18"	18"	18"	36"	36"
Access Side	18"	18"	18"	18"	18"	18"
Non-Access Side	2"	6"	6"	6"	6"	6"
Top	2"	6"	6"	6"	6"	6"
Bottom	2"	6"	6"	6"	6"	6"

Direct Fired

Direct Fired Outdoor Rooftop Gas Heating Unit (Model DFOA)

Trane's direct fired outdoor heating units are designed for relieving negative pressure conditions inside industrial and commercial facilities. Unit sizes range from 1,600–64,000 CFM with gas inputs of 275–9350 MBh. Units are available in horizontal and vertical configurations and in ten different unit sizes. Special units with CFM ranges up to 100,000 and cooling coil capability are also available. All units are completely piped, wired, waterproofed and tested at the factory. All units are built with UL-approved components, where applicable.

Figure 11. Direct fired outdoor rooftop gas heating unit

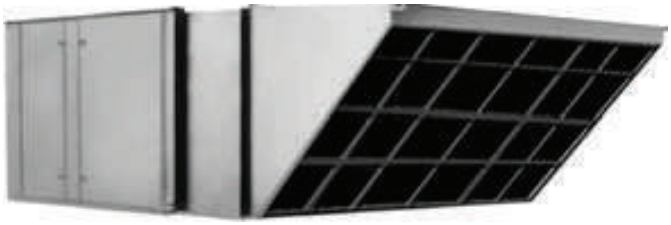

Table 11. Direct fired outdoor rooftop gas heating unit

DFOA	109	112	115	118	215	218	220	222	225	230
Burner Range MBh	275–550	275–825	550–990	550–1375	825–1925	1100–2475	1650–3850	2200–4400	2475–6600	3850–9350
CFM Range	1600–3000	3250–4250	4500–6000	6500–8500	9000–12000	12500–17000	18000–26000	25000–31000	30000–46000	44000–64000

Direct Fired Indoor Gas Make-Up Air Heater (Model DFIA)

Direct fired indoor heating units are designed specifically for indoor installations in an industrial or commercial setting. Their modular design provides “mix and match” flexibility that can be used to customize these heaters for any indoor application. Unit sizes range from 1,600–64,000 CFM with gas inputs of 275–9350 MBh. Units are available in 14 standard models, both horizontal and vertical configuration. These units are suitable for floor or ceiling suspension, with horizontal, top, and downflow discharge arrangements available. All units are completely piped, wired, and test-fired at the factory.

Figure 12. Direct fired indoor gas make-up air heater

Table 12. Direct fired indoor gas make-up air heater

DFIA	109	112	115	118	120	122	125	130
Burner Range MBh	275–550	275–825	550–990	550–1375	825–1650	990–2200	1375–3025	1925–4400
CFM Range	1600–3000	3250–4250	4500–6000	6500–8500	9000–11000	11000–15000	14000–20000	22000–30000

Continued

DFIA	215	218	220	222	225	230
Burner Range MBh	825–1925	1100–2475	1650–3850	2200–4400	2475–6600	3850–9350
CFM Range	9000–12000	12500–17000	18000–26000	25000–31000	30000–46000	44000–64000

Trane - by Trane Technologies (NYSE: TT), a global innovator - creates comfortable, energy efficient indoor environments for commercial and residential applications. For more information, please visit trane.com or tranetechnologies.com.

Trane has a policy of continuous product and product data improvements and reserves the right to change design and specifications without notice. We are committed to using environmentally conscious print practices.

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