



# SPECIFICATIONS TEGO PRO

TEGO Outdoor unit		TEGO-CH/ AH3-4AYA-1/32-T	TEGO-CH/ AH3-6AYA-1/32-T	TEGO-CH/ AH3-8AYA-1/32-T	TEGO-CH/ AH3-10AYA-1/32-T	TEGO-CH/ AH3-12AYA-1/32-T	TEGO-CH/ AH9-14AYA-1/32-T	TEGO-CH/ AH9-16AYA-1/32-T	TEGO-CH/ AH3-12AYA-3/32-T	TEGO-CH/ AH9-14AYA-3/32-T	TEGO-CH/ AH9-16AYA-3/32-T
TEGO Indoor unit		IUG-AP-FH32-T		IUG-BP-FH32-T		IUG-CP-FH32-T					
Heating <sup>1</sup>	Capacity, kW	4.25	6.20	8.30	10.0	12.1	14.5	16.0	12.1	14.5	16.0
	Rated input, kW	0.82	1.24	1.60	2.00	2.44	3.09	3.56	2.44	3.09	3.56
	COP	5.20	5.00	5.20	5.00	4.95	4.70	4.50	4.95	4.70	4.50
Heating <sup>2</sup>	Capacity, kW	4.35	6.35	8.20	10.0	12.3	14.2	16.0	12.3	14.2	16.0
	Rated input, kW	1.14	1.69	2.08	2.63	3.24	3.89	4.44	3.24	3.89	4.44
	COP	3.80	3.75	3.95	3.80	3.80	3.65	3.60	3.80	3.65	3.60
Heating <sup>3</sup>	Capacity, kW	4.40	6.00	7.50	9.50	12.0	13.8	16.0	12.0	13.8	16.0
	Rated input, kW	1.49	2.00	2.36	3.06	3.87	4.60	5.52	3.87	4.60	5.52
	COP	2.95	3.00	3.18	3.10	3.10	3.00	2.90	3.10	3.00	2.90
Cooling <sup>4</sup>	Capacity, kW	4.50	6.55	8.40	10.00	12.00	13.50	14.90	12.00	13.50	14.90
	Rated input, kW	0.81	1.34	1.66	2.08	3.00	3.75	4.38	3.00	3.75	4.38
	EER	5.55	4.90	5.05	4.80	4.00	3.60	3.40	4.00	3.60	3.40
Cooling <sup>5</sup>	Capacity, kW	4.70	7.00	7.40	8.20	11.6	12.7	14.0	11.6	12.7	14.0
	Rated input, kW	1.36	2.33	2.19	2.48	4.22	4.98	5.71	4.22	4.98	5.71
	EER	3.45	3.00	3.38	3.30	2.75	2.55	2.45	2.75	2.55	2.45

TEGO Outdoor unit											
Power supply, V/Ph/Hz		220-240/1/50						380-415/3/50			
Refrigerant	Type(GWP)	R32(675)									
	Charged volume, kg	1.50		1.65		1.84					
Sound power Level <sup>6</sup> , dB(A)		56	58	59	60	64	65	68	64	65	68
Unit/packing dimension (W×H×D)		1008×712×426 / 1065×800×485				1118×865×523 / 1180×890×560					
Net/Gross weight, kg		58/64		77/88		96/110			112/125		
Outdoor air temperature range	Cooling, °C	-5~43									
	Heating, °C	-25~35									
	DHW	-25~43									

TEGO Indoor unit											
Unit/packing dimension (W×H×D)		420×790×270 / 525×1050×360									
Net/Gross weight, kg		37/43				39/45					
Max. pump head, m		9									
Sound power level, dB(A)		38		42		43					
Backup E-heater <sup>6</sup>	Optional, kW	3/9									
	Capacity steps	1/3									
	Power supply, V/Ph/Hz	3kW	220-240/1/50								
	9kW	380-415/3/50									
Water outlet temperature range	Cooling, °C	5~25									
	Heating, °C	25~65									
	DHW (tank)	30~60									

Notes:

1. Evaporator air in 7°C, 85% R.H., Condenser water in/out 30/35°C
2. Evaporator air in 7°C, 85% R.H., Condenser water in/out 40/45°C
3. Evaporator air in 7°C, 85% R.H., Condenser water in/out 47/55°C
4. Condenser air in 35°C. Evaporator water in/out 23/18°C
5. Condenser air in 35°C. Evaporator water in/out 12/7°C
6. For three phase type backup electric heater, 3/6kW can be achieved by changing DIP switch when hydronic box is equipped with 9kW