



Carrier®

Turn to the Experts.™
GEOTHERMAL HEAT PUMP COMFORT SYSTEMS



Performance Ratings

The GT-PX Series by Carrier					
Model (50YDD/H/V) Series	026	038	049	064	072
Ground Water (Open Loop) Heat Pumps					
Cooling Capacity, Btuh (kW)	28,900 (8.5)	41,200 (12.1)	54,600 (16.0)	68,600 (20.1)	77,100 (22.6)
EER (Energy Efficiency Ratio)	30.8	31.5	28.7	29.7	24.5
Heating Capacity, Btuh (kW)	25,700 (7.5)	36,700 (10.8)	48,300 (14.2)	59,600 (17.5)	70,200 (20.6)
COP (Coefficient of Performance)	5.1	5.1	5.1	4.7	4.3
Ground Loop (Geothermal) Heat Pumps					
Cooling Capacity, Btuh (kW)	26,600 (7.8)	38,200 (11.2)	50,600 (14.8)	64,800 (19.0)	71,600 (21.0)
EER (Energy Efficiency Ratio)	26.0	27.0	24.9	25.3	21.4
Heating Capacity, Btuh (kW)	19,800 (5.8)	29,000 (8.5)	37,500 (11.0)	48,000 (14.1)	54,100 (15.9)
COP (Coefficient of Performance)	4.6	4.5	4.6	4.3	3.9

All ratings based upon ASHRAE/ARI/ISO standard 13256-1 for Ground Water and Ground Loop heat pumps. Efficiencies shown are at part load; capacities are shown at full load.

The GT-PX Split Series by Carrier				
Model (50YDS) Series	026	038	049	064
Ground Water (Open Loop) Heat Pumps				
Cooling Capacity, Btuh (kW)	28,600 (8.4)	40,100 (11.8)	53,900 (15.8)	63,800 (18.7)
EER (Energy Efficiency Ratio)	29.4	27.1	26.8	25.7
Heating Capacity, Btuh (kW)	25,600 (7.5)	35,900 (10.5)	47,700 (14.0)	58,800 (17.2)
COP (Coefficient of Performance)	4.6	4.6	4.7	4.4
Ground Loop (Geothermal) Heat Pumps				
Cooling Capacity, Btuh (kW)	26,400 (7.7)	37,300 (10.9)	50,200 (14.7)	59,500 (17.4)
EER (Energy Efficiency Ratio)	24.5	23.7	22.8	22.2
Heating Capacity, Btuh (kW)	19,500 (5.7)	27,000 (7.9)	37,200 (10.9)	45,700 (13.4)
COP (Coefficient of Performance)	4.1	4.1	4.2	4.0

All ratings based upon ASHRAE/ARI/ISO standard 13256-1 for Ground Water and Ground Loop heat pumps. Efficiencies shown are at part load; capacities are shown at full load.