

EP Model Series Commercial Water Source Heat Pumps

Engineering
Submittal
Sheet



BOSCH

Overview and Certifications



- ▶ ½ to 6 ton capacities
- ▶ Single Stage High Efficiency
- ▶ Optional Electric Heat and Hot Water Recovery features
- ▶ Optional ECM enduraPRO™ constant torque and EON constant CFM blower motors

Commercial WSHP Product Portfolio

| Product | Water-to-Air | | | | | | Water-to-Water | | | | |
|--------------------------|--------------|-------------|-------------|-------------|-------------|-------------|----------------|-------------|-------------|-------------|-------------|
| | LM | ES | EP | LV | LM Splits | CA | EC | MC | WT | WW | |
| Price | \$\$\$ | \$\$ | \$+ | \$ | \$\$\$ | \$ | \$\$ | \$\$ | \$\$ | \$\$ | |
| Model Sizes < 6 Ton | 007 | | X | X | | | | | | | |
| | 009 | | X | X | | X | | | | | |
| | 012 | | X | X | | X | | | | | |
| | 015 | | X | X | | X | | | | | |
| | 018 | | X | X | | X | | | | | |
| | 024 | X | | X | X | X | | | | | |
| | 025 | | X | | | | | | X | | |
| | 030 | X | | X | X | | | | | | |
| | 035 | | X | | | | | | X | | |
| | 036 | X | | X | X | X | | | | | |
| | 041 | | | | X | | | | | | |
| | 042 | | | X | X | | | | | | |
| | 048 | X | | X | X | X | | | | | |
| | 049 | | X | | | | | | X | | |
| | 060 | X | | X | X | X | | | | X | |
| 061 | | X | | | | | | | X | | |
| 070 | X | | X | X | | | | | X | | |
| 071 | | X | | | | | | | | | |
| Model Sizes > 6 Ton | 072 | | | | | | X | | | | |
| | 096 | | | | | | X | | | | |
| | 120 | | | | | | X | | | X | |
| | 122 | | | | | | | | | X | |
| | 150 | | | | | | X | | | | |
| | 151 | | | | | | X | | | | |
| | 180 | | | | | | X | | | X | |
| | 181 | | | | | | X | | | | |
| | 210 | | | | | | X | | | X | |
| | 240 | | | | | | X | | | X | |
| | 300 | | | | | | X | | | | |
| | 360 | | | | | | X | X | | X | |
| | 420 | | | | | | | | X | X | |
| | 480 | | | | | | | | X | | |
| | 600 | | | | | | | | X | | |
| 720 | | | | | | | | X | | | |
| Capacities (WLHP) | EER | 14.8 - 20.8 | 13.2 - 17.5 | 14.2 - 17.5 | 12.2 - 14.9 | 14.1 - 18.2 | 12.2 - 12.7 | 13.0 - 16.0 | 18.6 - 19.0 | 12.6 - 14.7 | 12.3 - 13.8 |
| | COP | 4.9 - 6.5 | 3.8 - 5.4 | 5.0 - 5.8 | 4.3 - 5.1 | 4.9 - 6.0 | 4.3 - 4.6 | 4.2 - 5.6 | 5.4 - 5.5 | 4.2 - 4.7 | 4.2 - 4.6 |

Featured model

Bosch Thermotechnology Corp.
Londonderry, NH • Watertown, MA • Ft. Lauderdale, FL

EP Model Series - Commercial Water Source Heat Pumps



Model Nomenclature

EP 048 - 1 VT C - F L T A T C - X H G X X X X D 7 H X X X 4 X X X S B A
1-2 3-5 6 7 8-9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

MODEL:
LV

NOMINAL CAPACITY:
007, 009, 012, 015, 018
024, 030, 036, 042
048, 060, 070

ELECTRICAL CONFIGURATION:
0 - 115/60/1
1 - 208-230/60/1
2 - 277/60/1
3 - 208-230/60/3
4 - 460/60/3

CABINET CONFIGURATION:
HZ - Horizontal
VT - Vertical

COAX OPTIONS:
C - Copper
N - Cupro-nickel

WATER CONNECTIONS:
F - Front

RETURN AIR CONFIGURATION:
L - Left
R - Right

DISCHARGE AIR LOCATION:
T - Top
S - Straight
E - End

FAN/MOTOR OPTION:
P - Standard PSC
T - Constant Torque ECM
A - Constant Airflow ECM

AIR COIL:
U - Uncoated
D - DuoGuard

REVISION LEVEL:
A - Current
B - Current

ELECTRIC HEAT:
X - None
A - 5 kW
C - 10 kW
D - 15 kW
E - 20 kW

CABINET CONSTRUCTION:
A - G90 Steel / 1/2" Standard 1.5LB Dual Density Fiberglass
C - G90 Steel / 1/2" Closed Cell Foam
D - G90 Steel / 1/2" Standard 1.5LB Dual Density Fiberglass, Extra Quiet
F - G90 Steel / 1/2" Closed Cell Foam, Extra Quiet

APPLICATION:
G - Extended Range (Geothermal)
T - Standard Range (TXV)

CODE STRING LEVEL:
A - Revision

CHANNEL:
B - Bosch

STANDARD/SPECIAL:
S - Standard

AGENCY OPTIONS:
X - ETL (UL 1995)

NOT USED:
X - None

DRIVE SPEED (MC ONLY):
X - N/A

MOTOR HP/QTY (BELT DRIVE ONLY)
X - N/A

AIR FILTRATION:

8 - 1" Standard Throwaway Filter w/ 2-sided Filter Rack
4 - 2" MERV 8 w/ 4-sided Filter Rack
5 - 2" MERV 13 w/ 4-sided Filter Rack
3 - 1" Standard Throwaway Filter w/ 4-sided Filter Rack

NOT USED:
X - None

ECONOMIZER:
X - None

WATER FLOW CONTROL OPTIONS:

X - None
2 - 2 Way Solenoid Valve
3 - MeasureFlow (3 GPM/Ton)
4 - 2 Way Solenoid + MeasureFlow

CONTROLS:

X - Standard (UPM)
M - DDC - Multi-Protocol (BacNET, Modbus, N2) (Control Air 5600)
L - DDC - LonWorks (Control Air 5600 + LonWorks Card)
P - DDC - Multi-Protocol (DDC - Modbus, BacNET, or N2) (Control Air 5600 + 3 point expansion module)
G - DDC LonWorks (Control Air 5600 + 3 point expansion module + LonWorks Card)

TRANSFORMER:

7 - 75 VA
1 - 100 VA

REFRIGERATION:

X - None
H - Hot Gas Reheat - On/Off
B - Hot Gas Bypass
C - Hot Gas Bypass with Hot Gas Reheat
S - Straight Cool
D - Heat Recovery Package

ELECTRICAL OPTIONS:

A - EMS relay
C - Compressor Monitor Relay
E - Pump/valve relay
G - Boilerless control
J - Disconnect Switch
M - Wire transformer to 208 volts

X - None

B - Blower Monitor Relay
D - Phase Monitor
H - Flow proving switch
K - Fire Alarm Relay/Dual Power
Z - EMS Relay + Pump/Valve Relay

EP Model Series - Commercial Water Source Heat Pumps



ASHRAE/AHRI/ISO Ratings (13256-1) - EP Model - PSC Motor

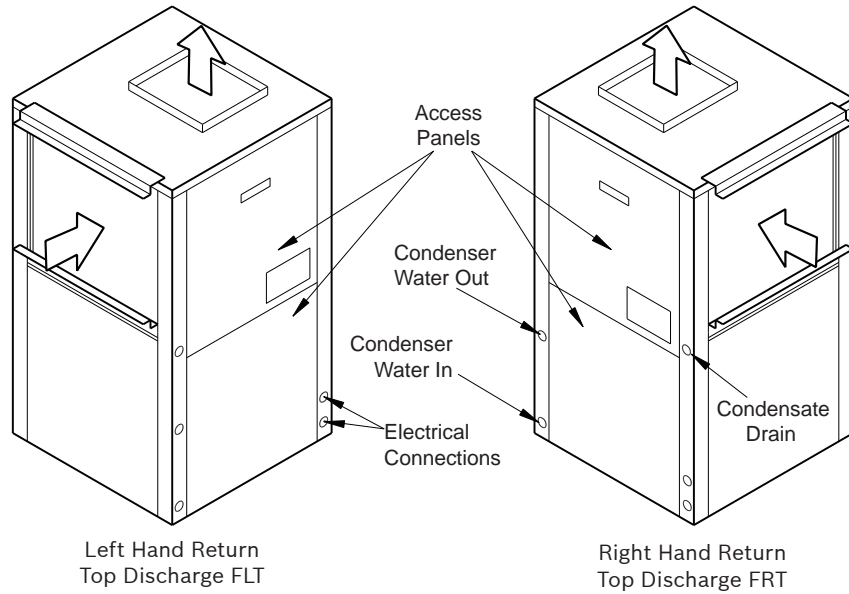
| Model Number | Water Loop | | | | Ground Water | | | | Ground Loop | | | | Air Flow Rate (CFM) | Fluid Flow Rate (GPM) |
|--------------|---------------------------|-------|---------------------------|------|---------------------------|-------|---------------------------|------|---------------------------|-------|---------------------------|------|---------------------|-----------------------|
| | Cooling Capacity (Btu/hr) | EER | Heating Capacity (Btu/hr) | COP | Cooling Capacity (Btu/hr) | EER | Heating Capacity (Btu/hr) | COP | Cooling Capacity (Btu/hr) | EER | Heating Capacity (Btu/hr) | COP | | |
| EP007 | 6800 | 15.70 | 8600 | 5.70 | 8400 | 25.10 | 6900 | 4.70 | 7400 | 18.50 | 5100 | 3.55 | 300 | 2.0 |
| EP009 | 8900 | 14.35 | 11200 | 5.30 | 10500 | 24.35 | 9000 | 4.50 | 9500 | 17.05 | 6800 | 3.60 | 325 | 2.5 |
| EP012 | 12200 | 14.90 | 14600 | 5.00 | 14200 | 22.70 | 12000 | 4.30 | 12600 | 17.50 | 9300 | 3.60 | 400 | 4.0 |

ASHRAE/AHRI/ISO Ratings (13256-1) - EP Model - ECM Motor

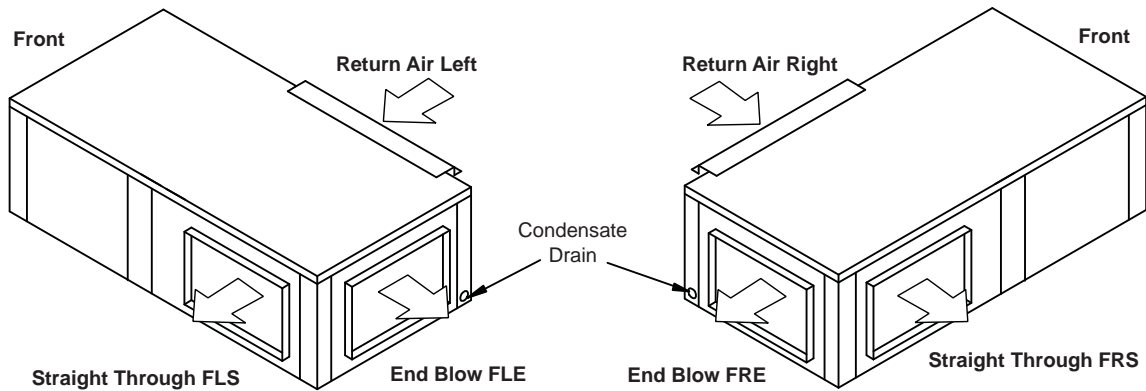
| Model Number | Water Loop | | | | Ground Water | | | | Ground Loop | | | | Air Flow Rate (CFM) | Fluid Flow Rate (GPM) |
|--------------|---------------------------|-------|---------------------------|------|---------------------------|-------|---------------------------|------|---------------------------|-------|---------------------------|------|---------------------|-----------------------|
| | Cooling Capacity (Btu/hr) | EER | Heating Capacity (Btu/hr) | COP | Cooling Capacity (Btu/hr) | EER | Heating Capacity (Btu/hr) | COP | Cooling Capacity (Btu/hr) | EER | Heating Capacity (Btu/hr) | COP | | |
| EP015 | 15100 | 16.55 | 16700 | 5.21 | 17000 | 27.25 | 13000 | 4.28 | 16200 | 19.80 | 11000 | 3.63 | 500 | 4.0 |
| EP018 VT | 19500 | 15.90 | 21300 | 5.00 | 21300 | 25.30 | 17700 | 4.40 | 20500 | 18.50 | 14800 | 3.70 | 650 | 5.0 |
| EP018 HZ | 19500 | 15.40 | 21300 | 5.00 | 21300 | 24.70 | 17700 | 4.40 | 20500 | 17.90 | 14800 | 3.65 | 650 | 5.0 |
| EP024 | 24500 | 16.95 | 28500 | 5.15 | 28400 | 27.35 | 23700 | 4.50 | 26000 | 19.80 | 18000 | 3.70 | 850 | 6.0 |
| EP030 | 27000 | 16.60 | 31000 | 5.70 | 31000 | 27.00 | 25000 | 4.95 | 28500 | 19.40 | 20300 | 3.95 | 1000 | 7.0 |
| EP036 VT | 36000 | 17.10 | 41000 | 5.50 | 40200 | 25.90 | 34400 | 4.90 | 37500 | 19.70 | 26000 | 3.90 | 1200 | 10.0 |
| EP036 HZ | 36000 | 16.10 | 41000 | 5.35 | 40200 | 24.30 | 34400 | 4.70 | 37500 | 18.70 | 26000 | 3.90 | 1200 | 10.0 |
| EP042 VT | 38400 | 15.20 | 42400 | 5.50 | 44100 | 25.60 | 35000 | 4.65 | 40600 | 19.40 | 26800 | 3.70 | 1400 | 10.5 |
| EP042 HZ | 38400 | 17.15 | 42400 | 5.80 | 44100 | 27.20 | 35000 | 5.00 | 40600 | 19.50 | 26800 | 4.00 | 1400 | 10.5 |
| EP048 VT | 44400 | 15.00 | 50000 | 5.25 | 51100 | 24.00 | 40500 | 4.30 | 46800 | 17.75 | 33400 | 3.70 | 1600 | 12.0 |
| EP048 HZ | 44400 | 15.00 | 50000 | 5.25 | 51100 | 24.00 | 40500 | 4.50 | 46800 | 17.80 | 33400 | 3.70 | 1600 | 12.0 |
| EP060 | 58900 | 14.95 | 69800 | 5.60 | 66500 | 23.25 | 56700 | 4.85 | 61500 | 17.45 | 46900 | 4.05 | 2000 | 15.0 |
| EP070 | 68000 | 16.20 | 86000 | 5.60 | 71400 | 22.40 | 71400 | 5.00 | 70500 | 18.50 | 56500 | 4.20 | 2200 | 17.0 |



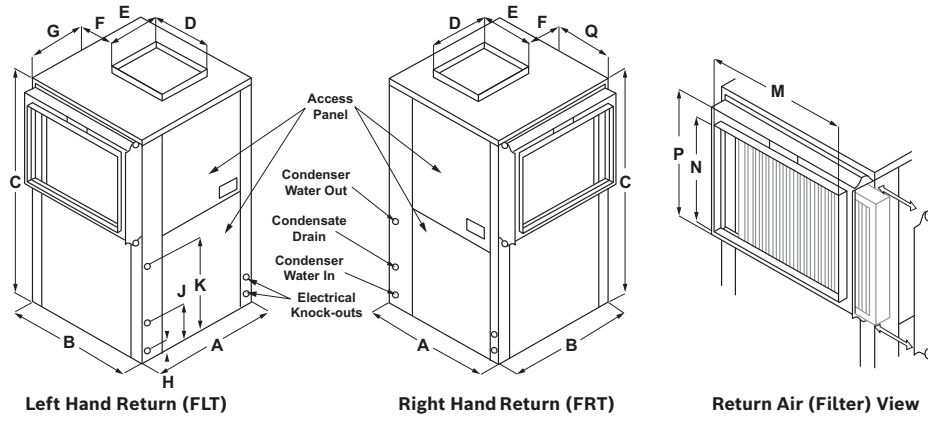
Vertical Unit Configurations



Horizontal Unit Configurations



EP Vertical Unit Dimensions and Connections

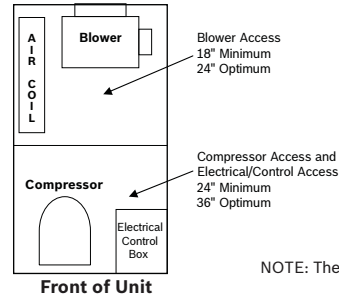


Left Hand Return (FLT)

Right Hand Return (FRT)

Return Air (Filter) View

Service Clearances



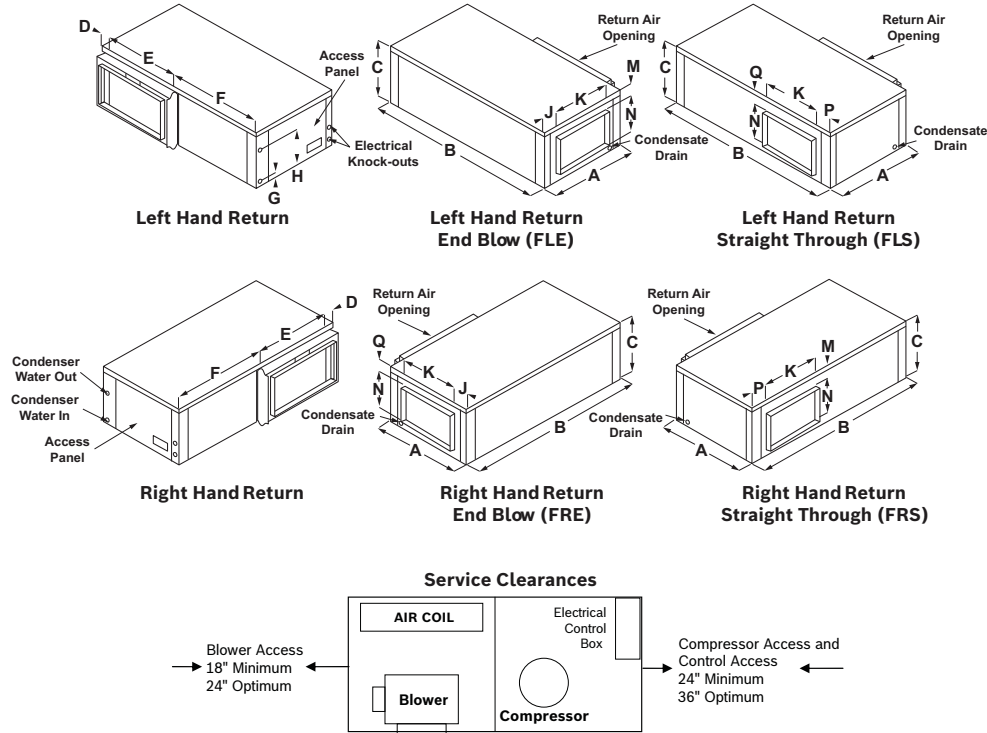
NOTE: The local electric codes may require 36" or more clearance at the electrical control box.

EP Vertical Unit Dimensions

| Model | A | B | C | D | E | F | G | H | J | K | M | N | P | Q | Condenser Water Connections | Recommended Replacement Nominal Filter Size |
|-------|-------|-------|--------|-----------------|-----------------|---------------------------|------------------------|----------|----------------------------|-----------|----------------|------------------------|--------------------|-------------------------|-----------------------------|---|
| | Width | Depth | Height | Discharge Depth | Discharge Width | Cabinet Edge to Discharge | Left Side to Discharge | Water In | Bottom to Condensate Drain | Water Out | R/A Duct Width | R/A Duct Flange Height | Filter Rack Height | Right Side to Discharge | | |
| EP007 | 21.75 | 21.75 | 32.75 | 11.75 | 7.75 | 5.00 | 8.50 | 2.25 | 8.00 | 13.75 | 18.00 | 13.00 | 15.00 | 5.32 | 3/4" FPT | 15 x 20 x 1 |
| EP009 | 21.75 | 21.75 | 32.75 | 11.75 | 7.75 | 5.00 | 8.50 | 2.25 | 8.00 | 13.75 | 18.00 | 13.00 | 15.00 | 5.32 | 3/4" FPT | 15 x 20 x 1 |
| EP012 | 21.75 | 21.75 | 32.75 | 11.75 | 7.75 | 5.00 | 8.50 | 2.62 | 7.50 | 12.50 | 18.00 | 16.00 | 18.00 | 5.32 | 3/4" FPT | 18 x 20 x 1 |
| EP015 | 21.75 | 21.75 | 39.25 | 13.75 | 13.75 | 4.00 | 6.12 | 2.25 | 7.50 | 12.25 | 18.00 | 18.00 | 20.00 | 4.00 | 3/4" FPT | 20 x 20 x 1 |
| EP018 | 21.75 | 21.75 | 39.25 | 13.75 | 13.75 | 4.00 | 6.12 | 2.25 | 7.50 | 12.25 | 18.00 | 18.00 | 20.00 | 4.00 | 3/4" FPT | 20 x 20 x 1 |
| EP024 | 21.75 | 26.25 | 47.25 | 13.75 | 15.75 | 6.25 | 4.87 | 2.50 | 8.75 | 15.00 | 22.00 | 22.00 | 24.00 | 4.00 | 3/4" FPT | 24 x 24 x 1 |
| EP030 | 24.25 | 33.50 | 47.25 | 15.75 | 15.75 | 8.87 | 7.00 | 2.50 | 8.50 | 14.50 | 28.00 | 22.00 | 24.00 | 4.00 | 1" FPT | 24 x 30 x 1 |
| EP036 | 24.25 | 33.50 | 47.25 | 15.75 | 15.75 | 8.87 | 7.00 | 2.50 | 8.50 | 14.50 | 28.00 | 22.00 | 24.00 | 4.00 | 1" FPT | 24 x 30 x 1 |
| EP042 | 26.25 | 33.50 | 58.25 | 17.75 | 17.75 | 7.87 | 6.75 | 3.25 | 8.50 | 13.25 | 28.00 | 30.00 | 32.00 | 4.00 | 1" FPT | 16 x 30 x 1 (2) |
| EP048 | 26.25 | 33.50 | 58.25 | 17.75 | 17.75 | 7.87 | 6.75 | 3.25 | 8.50 | 13.25 | 28.00 | 30.00 | 32.00 | 4.00 | 1" FPT | 16 x 30 x 1 (2) |
| EP060 | 26.25 | 33.50 | 66.25 | 17.75 | 17.75 | 7.87 | 7.00 | 3.25 | 8.50 | 13.25 | 28.00 | 38.00 | 40.00 | 4.00 | 1" FPT | 20 x 30 x 1 (2) |
| EP070 | 26.25 | 33.50 | 66.25 | 17.75 | 17.75 | 7.87 | 7.25 | 4.25 | 10.00 | 17.00 | 28.00 | 38.00 | 40.00 | 3.00 | 1" FPT | 20 x 30 x 1 (2) |

All dimensions within $\pm 0.125"$. All condensate drain connections are 3/4" FPT. Specifications subject to change without notice. 1" filter rack extends 1.23" beyond the side of the unit. 2" filter rack extends 2.89" beyond the side of the unit. The 2" filter rack is 4 sided with a filter access door on one end and can accept either a 1" or 2" filter. Sizes EP015 to EP070 is with the enduraPRO™/EON motor option. Blower discharge opening changes as a result.

EP Horizontal Unit Dimensions and Connections



NOTE: The local electric codes may require 36" or more clearance at the electrical control box.

EP Horizontal Unit Dimensions

| Model | A | B | C | D | E | F | G | H | J | K | M | N | P | Q | R | T | Condenser Water Connections | Recommended Replacement Nominal Filter Size |
|-------|-------|-------|--------|------------------------|------------------|--------------------------|----------|-----------|-------------------|-----------------|------------------------------|------------------|------------------|------------------------------|--------------------|------------------------|-----------------------------|---|
| | Width | Depth | Height | Cab End to Filter Rack | "R/A Duct Width" | Cab Front to Filter Rack | Water In | Water Out | Side to Discharge | Discharge Width | Top to Discharge (FLE & FRS) | Discharge Height | End to Discharge | Top to Discharge (FRE & FLS) | Filter Rack Height | R/A Duct Flange Height | | |
| EP007 | 21.75 | 43.25 | 16.75 | 0.50 | 20.25 | 22.25 | 2.25 | 13.87 | 3.50 | 11.75 | 4.62 | 7.75 | 3.50 | 4.62 | 15.00 | 13.00 | 3/4" FPT | 15 x 20 x 1 |
| EP009 | 21.75 | 43.25 | 16.75 | 0.50 | 20.25 | 22.25 | 2.25 | 13.87 | 3.50 | 11.75 | 4.62 | 7.75 | 3.50 | 4.62 | 15.00 | 13.00 | 3/4" FPT | 15 x 20 x 1 |
| EP012 | 22.25 | 45.25 | 19.75 | 0.62 | 20.25 | 24.25 | 2.50 | 12.50 | 3.62 | 11.75 | 7.12 | 7.75 | 3.62 | 4.75 | 18.00 | 16.00 | 3/4" FPT | 18 x 20 x 1 |
| EP015 | 22.25 | 45.25 | 19.75 | 1.62 | 20.25 | 23.25 | 2.50 | 12.50 | 2.75 | 13.75 | 3.12 | 13.75 | 2.75 | 2.87 | 18.00 | 16.00 | 3/4" FPT | 18 x 20 x 1 |
| EP018 | 22.25 | 45.25 | 19.75 | 1.62 | 20.25 | 23.25 | 2.50 | 12.50 | 2.75 | 13.75 | 3.12 | 13.75 | 2.75 | 2.87 | 18.00 | 16.00 | 3/4" FPT | 18 x 20 x 1 |
| EP024 | 26.25 | 54.75 | 22.00 | 1.25 | 30.25 | 23.00 | 2.62 | 15.12 | 3.75 | 13.75 | 2.12 | 15.75 | 3.75 | 4.25 | 20.12 | 18.00 | 3/4" FPT | 20 x 30 x 1 |
| EP030 | 30.25 | 68.25 | 22.00* | 2.00 | 35.00 | 31.25 | 2.50 | 13.25 | 4.50 | 15.75 | 4.00 | 15.75 | 4.50 | 2.25 | 20.12 | 18.00 | 1" FPT | 20 x 34.5 x 1 |
| EP036 | 30.25 | 68.25 | 22.00* | 2.00 | 35.00 | 31.25 | 2.50 | 13.25 | 4.50 | 15.75 | 4.00 | 15.75 | 4.50 | 2.25 | 20.12 | 18.00 | 1" FPT | 20 x 34.5 x 1 |
| EP042 | 30.25 | 79.00 | 22.00* | 0.75 | 48.25 | 29.62 | 2.75 | 13.25 | 4.50 | 17.75 | 2.25 | 17.75 | 4.50 | 2.12 | 20.12 | 18.00 | 1" FPT | 20 x 24 x 1 (2) |
| EP048 | 30.25 | 79.00 | 22.00* | 0.75 | 48.25 | 29.62 | 2.75 | 13.25 | 4.50 | 17.75 | 2.25 | 17.75 | 4.50 | 2.12 | 20.12 | 18.00 | 1" FPT | 20 x 24 x 1 (2) |
| EP060 | 30.25 | 89.25 | 22.00* | 1.87 | 56.25 | 31.00 | 2.62 | 13.25 | 4.50 | 17.75 | 2.25 | 17.75 | 4.50 | 2.12 | 20.12 | 18.00 | 1" FPT | 20 x 28 x 1 (2) |
| EP070 | 30.25 | 89.25 | 22.00* | 1.87 | 56.25 | 31.00 | 5.75 | 17.75 | 4.87 | 17.75 | 2.62 | 17.75 | 4.87 | 1.75 | 20.12 | 18.00 | 1" FPT | 20 x 28 x 1 (2) |

All dimensions within $\pm 0.125"$. All condensate drain connections are 3/4" FPT. All LV units can be field converted between end blow and straight through supply air configurations. Specifications subject to change without notice. 1" filter rack extends 1.23" beyond the side of the unit. 2" filter rack extends 2.89" beyond the side of the unit. The 2" filter rack is 4 sided with a filter access door on one end and can accept either a 1" or 2" filter. Sizes EP015 to EP070 is with the enduraPRO™/EON motor option. Blower discharge opening changes as a result.

*Total unit height is 22.75" with base rails



| Operating Limits – Heating and Cooling | |
|---|-----------------------|
| Heating | Extended Range |
| Minimum ambient air temperature °F | 40 |
| Maximum ambient air temperature °F | 85 |
| Minimum evaporator entering air db/wb °F | 50 |
| Rated air coil entering air db/wb °F | 68 |
| Maximum evaporator entering air db/wb °F | 80 |
| Normal water coil entering fluid range °F | 25-80* |
| Minimum water coil entering fluid °F | 20* |
| Cooling | Extended Range |
| Minimum ambient air temperature °F | 50 |
| Maximum ambient air temperature °F | 100 |
| Minimum evaporator entering air db/wb °F | 68/57 |
| Rated air coil entering air db/wb °F | 80/67 |
| Maximum evaporator entering air db/wb °F | 95/85 |
| Minimum water coil entering fluid temperature °F | 50 |
| Water loop typical coil entering fluid range temperature °F | 70/90 |
| Maximum water coil entering fluid temperature °F | 110 |

* Antifreeze solution is required at these fluid temperatures.

| Antifreeze Correction | | | | | | | |
|-------------------------|---------------------|--------------|-----------|-------|---------------|-------|---------------------------------|
| Antifreeze Type | Antifreeze Volume % | Cooling | | | Heating | | WPD Correction Factor EWT 30 °F |
| | | EWT 90 Deg.F | | | EWT 30 Deg. F | | |
| | | Total Cap. | Sens. Cap | Power | Htg. Cap | Power | |
| Water | 0 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| Propylene Glycol | 5 | 0.997 | 0.997 | 1.004 | 0.989 | 0.997 | 1.060 |
| | 10 | 0.994 | 0.994 | 1.006 | 0.986 | 0.995 | 1.125 |
| | 15 | 0.990 | 0.990 | 1.009 | 0.978 | 0.988 | 1.190 |
| | 25 | 0.983 | 0.983 | 1.016 | 0.960 | 0.979 | 1.300 |
| Methanol | 5 | 0.997 | 0.997 | 1.003 | 0.990 | 0.997 | 1.060 |
| | 10 | 0.996 | 0.996 | 1.005 | 0.979 | 0.993 | 1.100 |
| | 15 | 0.994 | 0.994 | 1.008 | 0.970 | 0.990 | 1.140 |
| Ethanol | 5 | 0.998 | 0.998 | 1.002 | 0.981 | 0.994 | 1.160 |
| | 10 | 0.996 | 0.996 | 1.004 | 0.960 | 0.988 | 1.230 |
| | 15 | 0.992 | 0.992 | 1.006 | 0.944 | 0.983 | 1.280 |
| | 25 | 0.986 | 0.986 | 1.009 | 0.917 | 0.974 | 1.400 |
| Ethylene Glycol | 5 | 0.997 | 0.997 | 1.003 | 0.993 | 0.998 | 1.060 |
| | 10 | 0.995 | 0.995 | 1.004 | 0.986 | 0.996 | 1.120 |
| | 15 | 0.992 | 0.992 | 1.005 | 0.980 | 0.993 | 1.190 |
| | 25 | 0.988 | 0.988 | 1.009 | 0.970 | 0.990 | 1.330 |
| | 30 | 0.985 | 0.985 | 1.012 | 0.965 | 0.987 | 1.400 |

EP Model Series -
Commercial Water Source Heat Pumps



BOSCH

| Waterside Pressure Drop | | | |
|-------------------------|-----------------------|---|--|
| Model | Water Flow Rate (GPM) | Water Side Pressure Drop without Internal Valve (PSI) | Water Side Pressure Drop with Internal Valve (ft of H2O) |
| EP007 | 1.5 | 1.3 | 2.9 |
| | 2 | 2.1 | 4.9 |
| | 3 | 4.4 | 10.1 |
| EP009 | 2 | 1.7 | 3.9 |
| | 2.5 | 2.5 | 5.8 |
| | 3.25 | 4.0 | 9.3 |
| EP012 | 3 | 1.5 | 3.4 |
| | 4 | 2.5 | 5.8 |
| | 5.5 | 4.5 | 10.2 |
| EP015 | 3 | 1.4 | 3.3 |
| | 4 | 2.4 | 5.5 |
| | 5.5 | 4.3 | 9.8 |
| EP018 | 4 | 3.0 | 7.0 |
| | 5 | 4.5 | 10.4 |
| | 6.5 | 7.3 | 16.7 |
| EP024 | 4.5 | 1.8 | 4.1 |
| | 6 | 3.0 | 6.9 |
| | 8 | 5.1 | 11.6 |
| EP030 | 5.5 | 0.9 | 2.1 |
| | 7 | 1.4 | 3.2 |
| | 10 | 2.7 | 6.1 |
| EP036 | 7.5 | 1.4 | 3.3 |
| | 10 | 2.4 | 5.6 |
| | 12.5 | 3.6 | 8.4 |
| EP042 | 8.75 | 1.9 | 4.4 |
| | 10.5 | 2.7 | 6.1 |
| | 13.25 | 4.0 | 9.3 |
| EP048 | 10.67 | 2.7 | 6.3 |
| | 12 | 3.4 | 7.8 |
| | 14 | 4.5 | 10.3 |
| EP060 | 12 | 3.4 | 7.8 |
| | 15 | 5.0 | 11.7 |
| | 17.5 | 6.7 | 15.4 |
| EP070 | 13.5 | 2.1 | 4.9 |
| | 17 | 3.2 | 7.4 |
| | 20.5 | 4.5 | 10.4 |

- All values based on pure water at 70° F.

EP Model Series - Commercial Water Source Heat Pumps



| Capacity Data EP007 (300 CFM) | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------------------------|------------------------------|------------------------|---------------------------|---------------------------|------------------|------|---------------------------------------|---|--|------------------------|----------------------------|------------------|------|------|-----|---|---|--|---|------|
| Cooling | | | | | | | | | Heating | | | | | | | | | | | | | |
| Entering Water Temp (°F) | Water flow (GPM) | Pressure Drop PSI (FOH) | Entering Air Temp DB/WB (°F) | Total Capacity (MBTUH) | Sensible Capacity (MBTUH) | Heat of Rejection (MBTUH) | Power Input (kW) | EER | Entering Fluid Temp (°F) | Pressure Drop PSI (FOH) | Entering Air Temp (°F) | Total Capacity (MBTUH) | Heat of Absorption (MBTUH) | Power Input (kW) | COP | | | | | | | |
| 50 | 1 | 0.3 | 75/63 | 7.1 | 6.4 | 8.4 | 0.4 | 19.4 | 30 | 0.3 | 60 | 4.9 | 3.7 | 0.4 | 3.25 | | | | | | | |
| | | | 80/67 | 7.6 | 6.6 | 8.9 | 0.4 | 21.2 | | | | 70 | 4.8 | 3.4 | 0.5 | 2.93 | | | | | | |
| | | | 85/71 | 8.1 | 6.8 | 9.3 | 0.4 | 23.2 | | | | 80 | 4.6 | 3.2 | 0.5 | 2.65 | | | | | | |
| | 1.5 | 0.5 | 75/63 | 7.3 | 6.5 | 8.5 | 0.3 | 21.4 | | | | 60 | 0.5 | 70 | 4.9 | 3.6 | 0.5 | 3.03 | | | | |
| | | | 80/67 | 7.8 | 6.7 | 9.0 | 0.3 | 23.5 | | | | | | | 80 | 4.8 | 3.3 | 0.5 | 2.73 | | | |
| | | | 85/71 | 8.3 | 6.9 | 9.5 | 0.3 | 25.7 | | | | | | | 60 | 5.2 | 4.0 | 0.4 | 3.44 | | | |
| | 2 | 0.9 | 75/63 | 7.4 | 6.5 | 8.6 | 0.3 | 22.6 | | | | | | | 70 | 0.9 | 70 | 5.0 | 3.7 | 0.5 | 3.08 | |
| | | | 80/67 | 7.9 | 6.7 | 9.1 | 0.3 | 24.9 | | | | | | | | | | 80 | 4.9 | 3.4 | 0.5 | 2.77 |
| | | | 85/71 | 8.5 | 6.9 | 9.6 | 0.3 | 27.5 | | | | | | | | | | 60 | 5.7 | 4.5 | 0.4 | 3.75 |
| 60 | 1 | 0.3 | 75/63 | 6.8 | 6.2 | 8.1 | 0.4 | 16.2 | 40 | 0.3 | 70 | | | | | | | 5.5 | 4.2 | 0.5 | 3.36 | |
| | | | 80/67 | 7.2 | 6.5 | 8.6 | 0.4 | 17.5 | | | | | | | | | | 80 | 5.4 | 3.9 | 0.5 | 3.01 |
| | | | 85/71 | 7.7 | 6.7 | 9.1 | 0.4 | 19.0 | | | | | | | | | | 60 | 6.0 | 4.7 | 0.4 | 3.91 |
| | 1.5 | 0.5 | 75/63 | 6.9 | 6.3 | 8.3 | 0.4 | 17.7 | | | | 70 | 0.5 | 70 | | | | 5.8 | 4.4 | 0.5 | 3.48 | |
| | | | 80/67 | 7.4 | 6.5 | 8.7 | 0.4 | 19.3 | | | | | | | | | | 80 | 5.6 | 4.1 | 0.5 | 3.11 |
| | | | 85/71 | 7.9 | 6.8 | 9.2 | 0.4 | 20.9 | | | | | | | | | | 60 | 6.1 | 4.8 | 0.4 | 3.99 |
| | 2 | 0.8 | 75/63 | 7.0 | 6.3 | 8.3 | 0.4 | 18.5 | | | | | | | 70 | 0.9 | 70 | 5.9 | 4.5 | 0.5 | 3.55 | |
| | | | 80/67 | 7.5 | 6.5 | 8.8 | 0.4 | 20.3 | | | | | | | | | | 80 | 5.7 | 4.2 | 0.5 | 3.17 |
| | | | 85/71 | 8.0 | 6.8 | 9.3 | 0.4 | 22.1 | | | | | | | | | | 60 | 6.6 | 5.3 | 0.4 | 4.27 |
| 70 | 1 | 0.3 | 75/63 | 6.4 | 6.0 | 7.9 | 0.5 | 13.7 | 50 | 0.3 | 70 | | | | | | | 6.4 | 5.0 | 0.5 | 3.8 | |
| | | | 80/67 | 6.8 | 6.3 | 8.3 | 0.5 | 14.7 | | | | | | | | | | 80 | 6.2 | 4.6 | 0.5 | 3.41 |
| | | | 85/71 | 7.3 | 6.5 | 8.8 | 0.5 | 15.7 | | | | | | | | | | 60 | 6.9 | 5.6 | 0.4 | 4.47 |
| | 1.5 | 0.5 | 75/63 | 6.6 | 6.1 | 8.0 | 0.4 | 14.8 | | | | 70 | 0.5 | 70 | | | | 6.6 | 5.2 | 0.5 | 3.96 | |
| | | | 80/67 | 7.0 | 6.4 | 8.5 | 0.4 | 16.0 | | | | | | | | | | 80 | 6.4 | 4.9 | 0.5 | 3.53 |
| | | | 85/71 | 7.5 | 6.6 | 8.9 | 0.4 | 17.3 | | | | | | | | | | 60 | 7.0 | 5.7 | 0.5 | 4.57 |
| | 2 | 0.8 | 75/63 | 6.7 | 6.2 | 8.1 | 0.4 | 15.4 | | | | | | | 70 | 0.9 | 70 | 6.8 | 5.4 | 0.5 | 4.04 | |
| | | | 80/67 | 7.1 | 6.4 | 8.5 | 0.4 | 16.8 | | | | | | | | | | 80 | 6.6 | 5.0 | 0.5 | 3.6 |
| | | | 85/71 | 7.6 | 6.7 | 9.0 | 0.4 | 18.1 | | | | | | | | | | 60 | 7.4 | 6.1 | 0.5 | 4.82 |
| 80 | 1 | 0.2 | 75/63 | 6.0 | 5.9 | 7.7 | 0.5 | 11.6 | 60 | 0.3 | 70 | | | | | | | 7.2 | 5.8 | 0.5 | 4.26 | |
| | | | 80/67 | 6.4 | 6.2 | 8.1 | 0.5 | 12.4 | | | | | | | | | | 80 | 7.0 | 5.4 | 0.5 | 3.79 |
| | | | 85/71 | 6.8 | 6.4 | 8.5 | 0.5 | 13.3 | | | | | | | | | | 60 | 7.8 | 6.5 | 0.5 | 5.06 |
| | 1.5 | 0.5 | 75/63 | 6.2 | 6.0 | 7.8 | 0.5 | 12.5 | | | | 70 | 0.5 | 70 | | | | 7.5 | 6.1 | 0.5 | 4.46 | |
| | | | 80/67 | 6.6 | 6.2 | 8.2 | 0.5 | 13.4 | | | | | | | | | | 80 | 7.3 | 5.7 | 0.5 | 3.95 |
| | | | 85/71 | 7.0 | 6.5 | 8.7 | 0.5 | 14.4 | | | | | | | | | | 60 | 8.0 | 6.7 | 0.5 | 5.19 |
| | 2 | 0.8 | 75/63 | 6.3 | 6.0 | 7.8 | 0.5 | 13.0 | | | | | | | 70 | 0.8 | 70 | 7.7 | 6.3 | 0.5 | 4.56 | |
| | | | 80/67 | 6.7 | 6.3 | 8.3 | 0.5 | 14.0 | | | | | | | | | | 80 | 7.4 | 5.9 | 0.5 | 4.03 |
| | | | 85/71 | 7.2 | 6.5 | 8.7 | 0.5 | 15.1 | | | | | | | | | | 60 | 8.3 | 7.0 | 0.4 | 5.39 |
| 90 | 1 | 0.2 | 75/63 | 5.7 | 5.7 | 7.5 | 0.6 | 10.0 | 70 | 0.3 | 70 | | | | | | | 8.0 | 6.6 | 0.5 | 4.74 | |
| | | | 80/67 | 6.0 | 6.0 | 7.8 | 0.6 | 10.6 | | | | | | | | | | 80 | 7.8 | 6.2 | 0.5 | 4.2 |
| | | | 85/71 | 6.4 | 6.3 | 8.3 | 0.6 | 11.3 | | | | | | | | | | 60 | 8.7 | 7.4 | 0.4 | 5.68 |
| | 1.5 | 0.5 | 75/63 | 5.8 | 5.8 | 7.5 | 0.5 | 10.6 | | | | 70 | 0.5 | 70 | | | | 8.4 | 7.0 | 0.5 | 4.96 | |
| | | | 80/67 | 6.2 | 6.1 | 8.0 | 0.5 | 11.4 | | | | | | | | | | 80 | 8.2 | 6.6 | 0.5 | 4.37 |
| | | | 85/71 | 6.6 | 6.3 | 8.4 | 0.5 | 12.2 | | | | | | | | | | 60 | 8.9 | 7.7 | 0.4 | 5.84 |
| | 2 | 0.8 | 75/63 | 5.9 | 5.9 | 7.6 | 0.5 | 10.9 | | | | | | | 70 | 0.8 | 70 | 8.6 | 7.2 | 0.5 | 5.09 | |
| | | | 80/67 | 6.3 | 6.1 | 8.0 | 0.5 | 11.8 | | | | | | | | | | 80 | 8.3 | 6.7 | 0.5 | 4.47 |
| | | | 85/71 | 6.7 | 6.3 | 8.4 | 0.5 | 12.6 | | | | | | | | | | 60 | 9.2 | 7.9 | 0.4 | 5.99 |
| 100 | 1 | 0.2 | 75/63 | 5.4 | 5.4 | 7.4 | 0.6 | 8.8 | 80 | 0.2 | 70 | | | | | | | 8.9 | 7.5 | 0.5 | 5.23 | |
| | | | 80/67 | 5.8 | 5.8 | 7.7 | 0.6 | 9.2 | | | | | | | | | | 80 | 8.6 | 7.0 | 0.5 | 4.61 |
| | | | 85/71 | 6.1 | 6.1 | 8.0 | 0.6 | 9.7 | | | | | | | | | | 60 | 9.7 | 8.4 | 0.4 | 6.33 |
| | 1.5 | 0.5 | 75/63 | 5.5 | 5.5 | 7.4 | 0.6 | 9.2 | | | | 80 | 0.5 | 70 | | | | 9.4 | 7.9 | 0.5 | 5.5 | |
| | | | 80/67 | 5.9 | 5.9 | 7.8 | 0.6 | 9.8 | | | | | | | | | | 80 | 9.0 | 7.4 | 0.6 | 4.82 |
| | | | 85/71 | 6.2 | 6.2 | 8.1 | 0.6 | 10.3 | | | | | | | | | | 60 | 9.9 | 8.7 | 0.4 | 6.52 |
| | 2 | 0.8 | 75/63 | 5.6 | 5.6 | 7.4 | 0.6 | 9.5 | | | | | | | 80 | 0.8 | 70 | 9.6 | 8.2 | 0.5 | 5.64 | |
| | | | 80/67 | 5.9 | 5.9 | 7.8 | 0.6 | 10.0 | | | | | | | | | | 80 | 9.3 | 7.7 | 0.6 | 4.93 |
| | | | 85/71 | 6.3 | 6.2 | 8.2 | 0.6 | 10.7 | | | | | | | | | | | | | | |
| 110 | 1 | 0.2 | 75/63 | 4.9 | 4.9 | 7.0 | 0.7 | 7.3 | Extended Range - Anti-freeze required | AHR/ISO 13256-1 certified performance is rated at entering air conditions of 80.6°F DB and 66.2°F WB in cooling and 68°F DB in heating. | Tabulated unit performance does not include fan or pump power corrections required for AHR/ISO standard performance ratings. | | | | | | | Unit performance may be interpolated. Extrapolation is not allowed. | For conditions other than rating conditions provided, consult the BST selection software. | Ratings below 40°F are with a methanol solution. | DISCLAIMER: The performance reported herein is based on testing by FHP. Variations in the installation and operational environment may alter performance. Bosch disclaims all warranties, express and implied, that the performance will be as reported, including the warranty of merchantability and fitness for purpose. In addition, continuous research and development may result in a change to an appliances design and specifications at the time of order, which Bosch may change without notice. Before purchase, confirm the design specifications of the appliance. | |
| | | | 80/67 | 5.5 | 5.5 | 7.6 | 0.7 | 8.1 | | | | | | | | | | | | | | |
| | | | 85/71 | 5.8 | 5.8 | 7.9 | 0.7 | 8.5 | | | | | | | | | | | | | | |
| | 1.5 | 0.5 | 75/63 | 5.3 | 5.3 | 7.3 | 0.7 | 8.1 | | | | | | | | | | | | | | |
| | | | 80/67 | 5.6 | 5.6 | 7.6 | 0.7 | 8.5 | | | | | | | | | | | | | | |
| | | | 85/71 | 5.9 | 5.9 | 8.0 | 0.7 | 9.0 | | | | | | | | | | | | | | |
| | 2 | 0.8 | 75/63 | 5.3 | 5.3 | 7.3 | 0.6 | 8.2 | | | | | | | | | | | | | | |
| | | | 80/67 | 5.7 | 5.7 | 7.7 | 0.6 | 8.7 | | | | | | | | | | | | | | |
| | | | 85/71 | 6.0 | 6.0 | 8.0 | 0.6 | 9.2 | | | | | | | | | | | | | | |

EP Model Series - Commercial Water Source Heat Pumps



| Capacity Data EP009 (330 CFM) | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------------------------|------------------------------|------------------------|---------------------------|---------------------------|------------------|------|---------------------------------------|-------------------------|------------------------|------------------------|----------------------------|------------------|------|------|
| Cooling | | | | | | | | | Heating | | | | | | | |
| Entering Water Temp (°F) | Water flow (GPM) | Pressure Drop PSI (FOH) | Entering Air Temp DB/WB (°F) | Total Capacity (MBTUH) | Sensible Capacity (MBTUH) | Heat of Rejection (MBTUH) | Power Input (kW) | EER | Entering Fluid Temp (°F) | Pressure Drop PSI (FOH) | Entering Air Temp (°F) | Total Capacity (MBTUH) | Heat of Absorption (MBTUH) | Power Input (kW) | COP | |
| 50 | 1 | 0.3 | 75/63 | 9.7 | 7.7 | 11.3 | 0.5 | 19.9 | 30 | 0.3 | 60 | 6.7 | 5.1 | 0.6 | 3.44 | |
| | | | 80/67 | 10.3 | 8.0 | 11.9 | 0.5 | 21.5 | | | | 70 | 6.6 | 4.8 | 0.6 | 3.13 |
| | | | 85/71 | 11.0 | 8.2 | 12.6 | 0.5 | 23.2 | | | | 80 | 6.5 | 4.5 | 0.7 | 2.85 |
| | 1.5 | 0.5 | 75/63 | 9.9 | 7.8 | 11.5 | 0.4 | 22.1 | | 60 | 0.5 | 60 | 7.1 | 5.4 | 0.6 | 3.61 |
| | | | 80/67 | 10.6 | 8.1 | 12.1 | 0.4 | 24.5 | | | | 70 | 7.0 | 5.1 | 0.6 | 3.26 |
| | | | 85/71 | 11.3 | 8.3 | 12.8 | 0.4 | 26.9 | | | | 80 | 6.8 | 4.8 | 0.7 | 2.96 |
| | 2 | 0.9 | 75/63 | 10.1 | 7.9 | 11.5 | 0.4 | 23.7 | | 60 | 0.9 | 60 | 7.3 | 5.6 | 0.6 | 3.7 |
| | | | 80/67 | 10.8 | 8.1 | 12.2 | 0.4 | 26.0 | | | | 70 | 7.1 | 5.3 | 0.6 | 3.34 |
| | | | 85/71 | 11.5 | 8.4 | 12.9 | 0.4 | 28.5 | | | | 80 | 7.0 | 5.0 | 0.7 | 3.02 |
| 60 | 1 | 0.3 | 75/63 | 9.2 | 7.5 | 11.0 | 0.6 | 16.6 | 40 | 0.3 | 60 | 7.8 | 6.1 | 0.6 | 3.91 | |
| | | | 80/67 | 9.8 | 7.8 | 11.7 | 0.6 | 17.8 | | | | 70 | 7.6 | 5.8 | 0.6 | 3.52 |
| | | | 85/71 | 10.4 | 8.0 | 12.3 | 0.5 | 19.1 | | | | 80 | 7.5 | 5.5 | 0.7 | 3.19 |
| | 1.5 | 0.5 | 75/63 | 9.4 | 7.6 | 11.2 | 0.5 | 18.2 | | 60 | 0.5 | 60 | 8.3 | 6.5 | 0.6 | 4.1 |
| | | | 80/67 | 10.1 | 7.9 | 11.8 | 0.5 | 19.9 | | | | 70 | 8.1 | 6.2 | 0.6 | 3.69 |
| | | | 85/71 | 10.8 | 8.1 | 12.5 | 0.5 | 21.6 | | | | 80 | 7.9 | 5.8 | 0.7 | 3.32 |
| | 2 | 0.8 | 75/63 | 9.6 | 7.7 | 11.3 | 0.5 | 19.4 | | 60 | 0.9 | 60 | 8.5 | 6.8 | 0.6 | 4.21 |
| | | | 80/67 | 10.2 | 8.0 | 11.9 | 0.5 | 21.0 | | | | 70 | 8.3 | 6.4 | 0.6 | 3.77 |
| | | | 85/71 | 10.9 | 8.2 | 12.6 | 0.5 | 22.9 | | | | 80 | 8.1 | 6.0 | 0.7 | 3.39 |
| 70 | 1 | 0.3 | 75/63 | 8.7 | 7.3 | 10.8 | 0.6 | 14.0 | 50 | 0.3 | 60 | 8.9 | 7.1 | 0.6 | 4.36 | |
| | | | 80/67 | 9.3 | 7.6 | 11.4 | 0.6 | 15.0 | | | | 70 | 8.7 | 6.8 | 0.7 | 3.91 |
| | | | 85/71 | 9.9 | 7.8 | 12.0 | 0.6 | 16.0 | | | | 80 | 8.5 | 6.4 | 0.7 | 3.52 |
| | 1.5 | 0.5 | 75/63 | 9.0 | 7.5 | 10.9 | 0.6 | 15.2 | | 60 | 0.5 | 60 | 9.4 | 7.7 | 0.6 | 4.59 |
| | | | 80/67 | 9.6 | 7.7 | 11.5 | 0.6 | 16.4 | | | | 70 | 9.2 | 7.3 | 0.7 | 4.09 |
| | | | 85/71 | 10.2 | 7.9 | 12.2 | 0.6 | 17.7 | | | | 80 | 9.0 | 6.8 | 0.7 | 3.67 |
| | 2 | 0.8 | 75/63 | 9.1 | 7.5 | 11.0 | 0.6 | 16.1 | | 60 | 0.9 | 60 | 9.8 | 8.0 | 0.6 | 4.71 |
| | | | 80/67 | 9.7 | 7.7 | 11.6 | 0.6 | 17.4 | | | | 70 | 9.5 | 7.5 | 0.7 | 4.2 |
| | | | 85/71 | 10.4 | 8.0 | 12.3 | 0.6 | 18.8 | | | | 80 | 9.2 | 7.1 | 0.7 | 3.75 |
| 80 | 1 | 0.2 | 75/63 | 8.2 | 7.1 | 10.5 | 0.7 | 11.9 | 60 | 0.3 | 60 | 10.0 | 8.2 | 0.6 | 4.81 | |
| | | | 80/67 | 8.8 | 7.4 | 11.1 | 0.7 | 12.6 | | | | 70 | 9.8 | 7.8 | 0.7 | 4.29 |
| | | | 85/71 | 9.4 | 7.7 | 11.7 | 0.7 | 13.5 | | | | 80 | 9.5 | 7.4 | 0.7 | 3.85 |
| | 1.5 | 0.5 | 75/63 | 8.5 | 7.2 | 10.6 | 0.7 | 12.9 | | 60 | 0.5 | 60 | 10.6 | 8.8 | 0.6 | 5.07 |
| | | | 80/67 | 9.1 | 7.5 | 11.2 | 0.7 | 13.8 | | | | 70 | 10.4 | 8.4 | 0.7 | 4.49 |
| | | | 85/71 | 9.7 | 7.8 | 11.8 | 0.7 | 14.7 | | | | 80 | 10.1 | 7.9 | 0.7 | 4.01 |
| | 2 | 0.8 | 75/63 | 8.6 | 7.3 | 10.7 | 0.6 | 13.5 | | 60 | 0.8 | 60 | 11.0 | 9.2 | 0.6 | 5.22 |
| | | | 80/67 | 9.2 | 7.5 | 11.3 | 0.6 | 14.5 | | | | 70 | 10.7 | 8.7 | 0.7 | 4.61 |
| | | | 85/71 | 9.8 | 7.8 | 11.9 | 0.6 | 15.6 | | | | 80 | 10.4 | 8.2 | 0.7 | 4.1 |
| 90 | 1 | 0.2 | 75/63 | 7.7 | 6.9 | 10.2 | 0.8 | 10.1 | 70 | 0.3 | 60 | 11.1 | 9.3 | 0.6 | 5.26 | |
| | | | 80/67 | 8.3 | 7.2 | 10.8 | 0.8 | 10.7 | | | | 70 | 10.9 | 8.8 | 0.7 | 4.66 |
| | | | 85/71 | 8.8 | 7.5 | 11.4 | 0.8 | 11.4 | | | | 80 | 10.6 | 8.4 | 0.7 | 4.16 |
| | 1.5 | 0.5 | 75/63 | 8.0 | 7.0 | 10.4 | 0.7 | 11.0 | | 60 | 0.5 | 60 | 11.9 | 10.1 | 0.6 | 5.59 |
| | | | 80/67 | 8.5 | 7.3 | 10.9 | 0.7 | 11.7 | | | | 70 | 11.6 | 9.6 | 0.7 | 4.92 |
| | | | 85/71 | 9.1 | 7.5 | 11.5 | 0.7 | 12.5 | | | | 80 | 11.3 | 9.0 | 0.8 | 4.35 |
| | 2 | 0.8 | 75/63 | 8.1 | 7.1 | 10.4 | 0.7 | 11.5 | | 60 | 0.8 | 60 | 12.3 | 10.5 | 0.6 | 5.77 |
| | | | 80/67 | 8.7 | 7.4 | 11.0 | 0.7 | 12.3 | | | | 70 | 12.0 | 10.0 | 0.7 | 5.08 |
| | | | 85/71 | 9.3 | 7.6 | 11.6 | 0.7 | 13.1 | | | | 80 | 11.7 | 9.4 | 0.8 | 4.49 |
| 100 | 1 | 0.2 | 75/63 | 7.2 | 6.7 | 9.9 | 0.8 | 8.6 | 80 | 0.2 | 60 | 12.3 | 10.4 | 0.6 | 5.75 | |
| | | | 80/67 | 7.7 | 7.0 | 10.5 | 0.8 | 9.2 | | | | 70 | 12.0 | 10.0 | 0.7 | 5.08 |
| | | | 85/71 | 8.3 | 7.3 | 11.0 | 0.9 | 9.7 | | | | 80 | 11.7 | 9.5 | 0.8 | 4.5 |
| | 1.5 | 0.5 | 75/63 | 7.5 | 6.9 | 10.1 | 0.8 | 9.4 | | 60 | 0.5 | 60 | 13.2 | 11.3 | 0.6 | 6.13 |
| | | | 80/67 | 8.0 | 7.2 | 10.6 | 0.8 | 10.0 | | | | 70 | 12.8 | 10.8 | 0.7 | 5.4 |
| | | | 85/71 | 8.6 | 7.4 | 11.2 | 0.8 | 10.6 | | | | 80 | 12.5 | 10.2 | 0.8 | 4.76 |
| | 2 | 0.8 | 75/63 | 7.6 | 6.9 | 10.1 | 0.8 | 9.7 | | 60 | 0.8 | 60 | 13.7 | 11.8 | 0.6 | 6.35 |
| | | | 80/67 | 8.2 | 7.2 | 10.7 | 0.8 | 10.4 | | | | 70 | 13.3 | 11.3 | 0.7 | 5.57 |
| | | | 85/71 | 8.7 | 7.4 | 11.3 | 0.8 | 11.1 | | | | 80 | 12.9 | 10.6 | 0.8 | 4.92 |
| 110 | 1 | 0.2 | 75/63 | 6.8 | 6.5 | 9.6 | 0.9 | 7.5 | Extended Range - Anti-freeze required | 0.2 | 60 | 12.3 | 10.4 | 0.6 | 5.75 | |
| | | | 80/67 | 7.2 | 6.8 | 10.1 | 0.9 | 7.8 | | | | 70 | 12.0 | 10.0 | 0.7 | 5.08 |
| | | | 85/71 | 7.7 | 7.1 | 10.7 | 0.9 | 8.3 | | | | 80 | 11.7 | 9.5 | 0.8 | 4.5 |
| | 1.5 | 0.5 | 75/63 | 7.0 | 6.7 | 9.8 | 0.9 | 8.0 | | 60 | 0.5 | 60 | 13.2 | 11.3 | 0.6 | 6.13 |
| | | | 80/67 | 7.5 | 6.9 | 10.3 | 0.9 | 8.5 | | | | 70 | 12.8 | 10.8 | 0.7 | 5.4 |
| | | | 85/71 | 8.0 | 7.2 | 10.9 | 0.9 | 9.1 | | | | 80 | 12.5 | 10.2 | 0.8 | 4.76 |
| | 2 | 0.8 | 75/63 | 7.1 | 6.7 | 9.8 | 0.9 | 8.3 | | 60 | 0.8 | 60 | 13.7 | 11.8 | 0.6 | 6.35 |
| | | | 80/67 | 7.6 | 7.0 | 10.4 | 0.9 | 8.9 | | | | 70 | 13.3 | 11.3 | 0.7 | 5.57 |
| | | | 85/71 | 8.2 | 7.3 | 11.0 | 0.9 | 9.4 | | | | 80 | 12.9 | 10.6 | 0.8 | 4.92 |

Extended Range - Anti-freeze required
 AHR/ISO13256-1 certified performance is rated at entering air conditions of 80.6°F DB and 66.2°F WB in cooling and 68°F DB in heating.
 Tabulated unit performance does not include fan or pump power corrections required for AHR/ISO standard performance ratings.
 Unit performance may be interpolated. Extrapolation is not allowed.
 For conditions other than rating conditions provided, consult the BST selection software.
 Ratings below 40°F are with a methanol solution.

DISCLAIMER: The performance reported herein is based on testing by FHP. Variations in the installation and operational environment may alter performance. Bosch disclaims all warranties, express and implied, that the performance will be as reported, including the warranty of merchantability and fitness for purpose. In addition, continuous research and development may result in a change to an appliances design and specifications at the time of order, which Bosch may change without notice. Before purchase, confirm the design specifications of the appliance.

EP Model Series - Commercial Water Source Heat Pumps



| Capacity Data EP012 (400 CFM) | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------------------------|------------------------------|------------------------|---------------------------|---------------------------|------------------|------|---------------------------------------|-------------------------|------------------------|------------------------|----------------------------|------------------|------|
| Cooling | | | | | | | | | Heating | | | | | | |
| Entering Water Temp (°F) | Water flow (GPM) | Pressure Drop PSI (FOH) | Entering Air Temp DB/WB (°F) | Total Capacity (MBTUH) | Sensible Capacity (MBTUH) | Heat of Rejection (MBTUH) | Power Input (kW) | EER | Entering Fluid Temp (°F) | Pressure Drop PSI (FOH) | Entering Air Temp (°F) | Total Capacity (MBTUH) | Heat of Absorption (MBTUH) | Power Input (kW) | COP |
| 50 | 1.5 | 0.4 | 75/63 | 12.8 | 9.8 | 15.1 | 0.7 | 19.0 | 30 | 0.4 | 60 | 8.7 | 6.4 | 0.8 | 3.24 |
| | | | 80/67 | 13.7 | 10.1 | 16.0 | 0.7 | 20.2 | | | 70 | 8.5 | 6.1 | 0.8 | 2.97 |
| | | | 85/71 | 14.6 | 10.3 | 16.9 | 0.7 | 21.6 | | | 80 | 8.4 | 5.7 | 0.9 | 2.75 |
| | 2 | 0.6 | 75/63 | 13.2 | 9.9 | 15.4 | 0.6 | 20.8 | | 60 | 9.1 | 6.7 | 0.8 | 3.36 | |
| | | | 80/67 | 14.1 | 10.2 | 16.2 | 0.6 | 22.4 | | 70 | 8.9 | 6.3 | 0.8 | 3.06 | |
| | | | 85/71 | 15.0 | 10.4 | 17.2 | 0.6 | 24.1 | | 80 | 8.7 | 5.9 | 0.9 | 2.81 | |
| | 3 | 1.2 | 75/63 | 13.5 | 10.1 | 15.6 | 0.6 | 22.9 | | 60 | 9.4 | 7.0 | 0.8 | 3.48 | |
| | | | 80/67 | 14.5 | 10.4 | 16.5 | 0.6 | 24.9 | | 70 | 9.2 | 6.6 | 0.9 | 3.17 | |
| | | | 85/71 | 15.5 | 10.6 | 17.5 | 0.6 | 27.2 | | 80 | 9.0 | 6.2 | 0.9 | 2.89 | |
| 60 | 1.5 | 0.4 | 75/63 | 12.2 | 9.5 | 14.8 | 0.8 | 16.1 | 40 | 0.4 | 60 | 10.0 | 7.6 | 0.8 | 3.64 |
| | | | 80/67 | 13.0 | 9.8 | 15.6 | 0.8 | 17.1 | | | 70 | 9.8 | 7.2 | 0.9 | 3.31 |
| | | | 85/71 | 13.9 | 10.0 | 16.5 | 0.8 | 18.2 | | | 80 | 9.6 | 6.8 | 0.9 | 3.02 |
| | 2 | 0.6 | 75/63 | 12.5 | 9.6 | 15.0 | 0.7 | 17.5 | | 60 | 10.4 | 8.0 | 0.8 | 3.77 | |
| | | | 80/67 | 13.4 | 9.9 | 15.8 | 0.7 | 18.8 | | 70 | 10.2 | 7.6 | 0.9 | 3.41 | |
| | | | 85/71 | 14.3 | 10.2 | 16.7 | 0.7 | 20.0 | | 80 | 9.9 | 7.1 | 0.9 | 3.1 | |
| | 3 | 1.2 | 75/63 | 12.9 | 9.8 | 15.2 | 0.7 | 19.1 | | 60 | 10.9 | 8.4 | 0.8 | 3.91 | |
| | | | 80/67 | 13.8 | 10.0 | 16.1 | 0.7 | 20.6 | | 70 | 10.6 | 7.9 | 0.9 | 3.53 | |
| | | | 85/71 | 14.7 | 10.4 | 17.0 | 0.7 | 22.3 | | 80 | 10.3 | 7.5 | 0.9 | 3.19 | |
| 70 | 1.5 | 0.4 | 75/63 | 11.6 | 9.2 | 14.4 | 0.8 | 13.8 | 50 | 0.4 | 60 | 11.3 | 8.8 | 0.8 | 4.04 |
| | | | 80/67 | 12.4 | 9.5 | 15.2 | 0.8 | 14.6 | | | 70 | 11.1 | 8.4 | 0.9 | 3.66 |
| | | | 85/71 | 13.1 | 9.8 | 16.0 | 0.8 | 15.5 | | | 80 | 10.9 | 7.9 | 1.0 | 3.33 |
| | 2 | 0.6 | 75/63 | 11.9 | 9.4 | 14.6 | 0.8 | 14.8 | | 60 | 11.8 | 9.3 | 0.8 | 4.18 | |
| | | | 80/67 | 12.7 | 9.6 | 15.4 | 0.8 | 15.9 | | 70 | 11.5 | 8.8 | 0.9 | 3.77 | |
| | | | 85/71 | 13.5 | 10.0 | 16.2 | 0.8 | 16.9 | | 80 | 11.3 | 8.3 | 1.0 | 3.42 | |
| | 3 | 1.2 | 75/63 | 12.2 | 9.4 | 14.8 | 0.8 | 16.0 | | 60 | 12.4 | 9.9 | 0.8 | 4.35 | |
| | | | 80/67 | 13.0 | 9.8 | 15.6 | 0.8 | 17.2 | | 70 | 12.1 | 9.3 | 0.9 | 3.9 | |
| | | | 85/71 | 14.0 | 10.0 | 16.5 | 0.8 | 18.6 | | 80 | 11.8 | 8.8 | 1.0 | 3.53 | |
| 80 | 1.5 | 0.4 | 75/63 | 10.9 | 9.0 | 14.0 | 0.9 | 11.8 | 60 | 0.4 | 60 | 12.7 | 10.2 | 0.8 | 4.44 |
| | | | 80/67 | 11.7 | 9.2 | 14.8 | 0.9 | 12.5 | | | 70 | 12.5 | 9.7 | 0.9 | 4 |
| | | | 85/71 | 12.4 | 9.5 | 15.5 | 0.9 | 13.2 | | | 80 | 12.2 | 9.2 | 1.0 | 3.62 |
| | 2 | 0.6 | 75/63 | 11.2 | 9.0 | 14.1 | 0.9 | 12.7 | | 60 | 13.3 | 10.7 | 0.8 | 4.6 | |
| | | | 80/67 | 12.0 | 9.3 | 15.0 | 0.9 | 13.5 | | 70 | 13.0 | 10.2 | 0.9 | 4.14 | |
| | | | 85/71 | 12.8 | 9.6 | 15.8 | 0.9 | 14.3 | | 80 | 12.8 | 9.6 | 1.0 | 3.74 | |
| | 3 | 1.2 | 75/63 | 11.5 | 9.2 | 14.3 | 0.8 | 13.6 | | 60 | 14.0 | 11.4 | 0.9 | 4.8 | |
| | | | 80/67 | 12.3 | 9.5 | 15.2 | 0.8 | 14.5 | | 70 | 13.6 | 10.8 | 0.9 | 4.29 | |
| | | | 85/71 | 13.2 | 9.8 | 16.0 | 0.8 | 15.6 | | 80 | 13.3 | 10.2 | 1.0 | 3.86 | |
| 90 | 1.5 | 0.3 | 75/63 | 10.3 | 8.7 | 13.6 | 1.0 | 10.2 | 70 | 0.4 | 60 | 14.2 | 11.6 | 0.9 | 4.85 |
| | | | 80/67 | 11.0 | 9.0 | 14.3 | 1.0 | 10.8 | | | 70 | 13.9 | 11.0 | 0.9 | 4.35 |
| | | | 85/71 | 11.7 | 9.3 | 15.1 | 1.0 | 11.4 | | | 80 | 13.6 | 10.5 | 1.0 | 3.92 |
| | 2 | 0.6 | 75/63 | 10.5 | 8.8 | 13.7 | 1.0 | 10.8 | | 60 | 14.9 | 12.2 | 0.9 | 5.04 | |
| | | | 80/67 | 11.3 | 9.1 | 14.5 | 1.0 | 11.5 | | 70 | 14.5 | 11.6 | 0.9 | 4.51 | |
| | | | 85/71 | 12.0 | 9.4 | 15.3 | 1.0 | 12.2 | | 80 | 14.2 | 11.1 | 1.0 | 4.05 | |
| | 3 | 1.1 | 75/63 | 10.8 | 8.9 | 13.9 | 0.9 | 11.5 | | 60 | 15.7 | 13.0 | 0.9 | 5.26 | |
| | | | 80/67 | 11.6 | 9.2 | 14.7 | 0.9 | 12.3 | | 70 | 15.3 | 12.4 | 1.0 | 4.68 | |
| | | | 85/71 | 12.4 | 9.5 | 15.5 | 0.9 | 13.2 | | 80 | 14.9 | 11.7 | 1.0 | 4.2 | |
| 100 | 1.5 | 0.3 | 75/63 | 9.6 | 8.4 | 13.2 | 1.1 | 8.8 | 80 | 0.4 | 60 | 15.6 | 13.0 | 0.9 | 5.26 |
| | | | 80/67 | 10.3 | 8.7 | 13.9 | 1.1 | 9.3 | | | 70 | 15.3 | 12.4 | 1.0 | 4.7 |
| | | | 85/71 | 11.0 | 9.0 | 14.6 | 1.1 | 9.8 | | | 80 | 15.0 | 11.8 | 1.0 | 4.23 |
| | 2 | 0.6 | 75/63 | 9.8 | 8.5 | 13.3 | 1.1 | 9.3 | | 60 | 16.4 | 13.8 | 0.9 | 5.47 | |
| | | | 80/67 | 10.6 | 8.8 | 14.1 | 1.1 | 9.9 | | 70 | 16.1 | 13.1 | 1.0 | 4.87 | |
| | | | 85/71 | 11.3 | 9.1 | 14.8 | 1.1 | 10.5 | | 80 | 15.7 | 12.5 | 1.1 | 4.37 | |
| | 3 | 1.1 | 75/63 | 10.1 | 8.6 | 13.5 | 1.0 | 9.8 | | 60 | 17.4 | 14.7 | 0.9 | 5.71 | |
| | | | 80/67 | 10.8 | 9.0 | 14.2 | 1.0 | 10.5 | | 70 | 16.9 | 14.0 | 1.0 | 5.07 | |
| | | | 85/71 | 11.6 | 9.3 | 15.0 | 1.0 | 11.2 | | 80 | 16.5 | 13.2 | 1.1 | 4.53 | |
| 110 | 1.5 | 0.2 | 75/63 | 8.9 | 8.1 | 12.7 | 1.2 | 7.5 | Extended Range - Anti-freeze required | 0.4 | 60 | 15.6 | 13.0 | 0.9 | 5.26 |
| | | | 80/67 | 9.5 | 8.4 | 13.4 | 1.2 | 8.0 | | | 70 | 15.3 | 12.4 | 1.0 | 4.7 |
| | | | 85/71 | 10.2 | 8.8 | 14.2 | 1.2 | 8.4 | | | 80 | 15.0 | 11.8 | 1.0 | 4.23 |
| | 2 | 0.5 | 75/63 | 9.2 | 8.2 | 12.9 | 1.1 | 8.0 | | 60 | 16.4 | 13.8 | 0.9 | 5.47 | |
| | | | 80/67 | 9.8 | 8.5 | 13.6 | 1.2 | 8.5 | | 70 | 16.1 | 13.1 | 1.0 | 4.87 | |
| | | | 85/71 | 10.5 | 8.9 | 14.4 | 1.2 | 9.0 | | 80 | 15.7 | 12.5 | 1.1 | 4.37 | |
| | 3 | 1.1 | 75/63 | 9.4 | 8.3 | 13.0 | 1.1 | 8.4 | | 60 | 17.4 | 14.7 | 0.9 | 5.71 | |
| | | | 80/67 | 10.1 | 8.6 | 13.8 | 1.1 | 8.9 | | 70 | 16.9 | 14.0 | 1.0 | 5.07 | |
| | | | 85/71 | 10.8 | 9.0 | 14.5 | 1.1 | 9.5 | | 80 | 16.5 | 13.2 | 1.1 | 4.53 | |

Extended Range - Anti-freeze required
 AHR/ISO13256-1 certified performance is rated at entering air conditions of 80.6°F DB and 66.2°F WB in cooling and 68°F DB in heating.
 Tabulated unit performance does not include fan or pump power corrections required for AHR/ISO standard performance ratings.
 Unit performance may be interpolated. Extrapolation is not allowed.
 For conditions other than rating conditions provided, consult the BST selection software.
 Ratings below 40°F are with a methanol solution.

DISCLAIMER: The performance reported herein is based on testing by FHP. Variations in the installation and operational environment may alter performance. Bosch disclaims all warranties, express and implied, that the performance will be as reported, including the warranty of merchantability and fitness for purpose. In addition, continuous research and development may result in a change to an appliances design and specifications at the time of order, which Bosch may change without notice. Before purchase, confirm the design specifications of the appliance.

EP Model Series - Commercial Water Source Heat Pumps



| Capacity Data EP015 (530 CFM) | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------------------------|------------------------------|------------------------|---------------------------|---------------------------|------------------|------|---------------------------------------|-------------------------|------------------------|------------------------|----------------------------|------------------|------|------|
| Cooling | | | | | | | | | Heating | | | | | | | |
| Entering Water Temp (°F) | Water flow (GPM) | Pressure Drop PSI (FOH) | Entering Air Temp DB/WB (°F) | Total Capacity (MBTUH) | Sensible Capacity (MBTUH) | Heat of Rejection (MBTUH) | Power Input (kW) | EER | Entering Fluid Temp (°F) | Pressure Drop PSI (FOH) | Entering Air Temp (°F) | Total Capacity (MBTUH) | Heat of Absorption (MBTUH) | Power Input (kW) | COP | |
| 50 | 2 | 0.6 | 75/63 | 16.8 | 13.0 | 19.4 | 0.8 | 22.0 | 30 | 1.0 | 60 | 10.6 | 7.7 | 0.9 | 3.37 | |
| | | | 80/67 | 17.9 | 13.4 | 20.5 | 0.8 | 23.6 | | | | 70 | 10.4 | 7.3 | 1.0 | 3.05 |
| | | | 85/71 | 19.0 | 13.7 | 21.6 | 0.8 | 25.3 | | | | 80 | 10.2 | 6.9 | 1.1 | 2.79 |
| | 3 | 1.2 | 75/63 | 17.3 | 13.2 | 19.7 | 0.7 | 25.1 | | 60 | 1.3 | 60 | 11.1 | 8.2 | 0.9 | 3.5 |
| | | | 80/67 | 18.5 | 13.6 | 20.9 | 0.7 | 27.2 | | | | 70 | 10.9 | 7.7 | 1.0 | 3.17 |
| | | | 85/71 | 19.7 | 14.0 | 22.1 | 0.7 | 29.5 | | | | 80 | 10.6 | 7.3 | 1.1 | 2.87 |
| | 4 | 2.0 | 75/63 | 17.6 | 13.3 | 19.9 | 0.7 | 26.8 | | 60 | 2.1 | 60 | 11.4 | 8.5 | 0.9 | 3.58 |
| | | | 80/67 | 18.9 | 13.8 | 21.1 | 0.6 | 29.3 | | | | 70 | 11.1 | 8.0 | 1.0 | 3.23 |
| | | | 85/71 | 20.1 | 14.2 | 22.3 | 0.6 | 32.1 | | | | 80 | 10.9 | 7.5 | 1.1 | 2.92 |
| 60 | 2 | 0.6 | 75/63 | 16.0 | 12.6 | 18.9 | 0.9 | 18.6 | 40 | 0.6 | 60 | 12.1 | 9.2 | 0.9 | 3.78 | |
| | | | 80/67 | 17.0 | 13.0 | 19.9 | 0.9 | 19.8 | | | 70 | 11.9 | 8.7 | 1.0 | 3.41 | |
| | | | 85/71 | 18.1 | 13.3 | 21.1 | 0.9 | 21.1 | | | 80 | 11.7 | 8.2 | 1.1 | 3.09 | |
| | 3 | 1.2 | 75/63 | 16.5 | 12.9 | 19.2 | 0.8 | 20.8 | | 60 | 1.3 | 60 | 12.8 | 9.8 | 0.9 | 3.94 |
| | | | 80/67 | 17.6 | 13.3 | 20.3 | 0.8 | 22.4 | | | | 70 | 12.5 | 9.2 | 1.0 | 3.54 |
| | | | 85/71 | 18.8 | 13.6 | 21.5 | 0.8 | 24.2 | | | | 80 | 12.1 | 8.7 | 1.1 | 3.17 |
| | 4 | 2.0 | 75/63 | 16.8 | 13.0 | 19.4 | 0.8 | 22.1 | | 60 | 2.1 | 60 | 13.1 | 10.1 | 1.0 | 4.04 |
| | | | 80/67 | 18.0 | 13.4 | 20.5 | 0.7 | 24.0 | | | | 70 | 12.8 | 9.5 | 1.0 | 3.61 |
| | | | 85/71 | 19.2 | 13.7 | 21.7 | 0.7 | 26.1 | | | | 80 | 12.5 | 8.9 | 1.1 | 3.25 |
| 70 | 2 | 0.6 | 75/63 | 15.1 | 12.3 | 18.4 | 1.0 | 15.8 | 50 | 0.6 | 60 | 13.7 | 10.8 | 1.0 | 4.19 | |
| | | | 80/67 | 16.1 | 12.7 | 19.4 | 1.0 | 16.8 | | | 70 | 13.5 | 10.2 | 1.1 | 3.76 | |
| | | | 85/71 | 17.2 | 13.0 | 20.5 | 1.0 | 17.8 | | | 80 | 13.2 | 9.6 | 1.1 | 3.39 | |
| | 3 | 1.2 | 75/63 | 15.7 | 12.5 | 18.7 | 0.9 | 17.5 | | 60 | 1.2 | 60 | 14.5 | 11.5 | 1.0 | 4.39 |
| | | | 80/67 | 16.7 | 12.9 | 19.8 | 0.9 | 18.7 | | | | 70 | 14.2 | 10.8 | 1.1 | 3.93 |
| | | | 85/71 | 17.8 | 13.3 | 20.9 | 0.9 | 20.1 | | | | 80 | 13.9 | 10.2 | 1.2 | 3.51 |
| | 4 | 2.0 | 75/63 | 15.9 | 12.6 | 18.8 | 0.9 | 18.4 | | 60 | 2.0 | 60 | 14.9 | 12.0 | 1.0 | 4.5 |
| | | | 80/67 | 17.0 | 13.0 | 20.0 | 0.9 | 19.9 | | | | 70 | 14.6 | 11.3 | 1.1 | 4 |
| | | | 85/71 | 18.2 | 13.4 | 21.1 | 0.8 | 21.5 | | | | 80 | 14.2 | 10.5 | 1.2 | 3.59 |
| 80 | 2 | 0.6 | 75/63 | 14.3 | 12.0 | 17.8 | 1.1 | 13.5 | 60 | 0.6 | 60 | 15.4 | 12.4 | 1.0 | 4.63 | |
| | | | 80/67 | 15.3 | 12.3 | 18.9 | 1.1 | 14.3 | | | 70 | 15.1 | 11.8 | 1.1 | 4.12 | |
| | | | 85/71 | 16.3 | 12.7 | 19.9 | 1.1 | 15.2 | | | 80 | 14.8 | 11.1 | 1.2 | 3.7 | |
| | 3 | 1.2 | 75/63 | 14.8 | 12.2 | 18.2 | 1.0 | 14.8 | | 60 | 1.2 | 60 | 16.3 | 13.3 | 1.0 | 4.86 |
| | | | 80/67 | 15.8 | 12.6 | 19.2 | 1.0 | 15.8 | | | | 70 | 15.9 | 12.6 | 1.1 | 4.3 |
| | | | 85/71 | 16.9 | 12.9 | 20.3 | 1.0 | 16.9 | | | | 80 | 15.6 | 11.8 | 1.2 | 3.85 |
| | 4 | 1.9 | 75/63 | 15.0 | 12.3 | 18.3 | 1.0 | 15.5 | | 60 | 2.0 | 60 | 16.9 | 13.8 | 1.0 | 5 |
| | | | 80/67 | 16.1 | 12.7 | 19.4 | 1.0 | 16.7 | | | | 70 | 16.5 | 13.0 | 1.1 | 4.42 |
| | | | 85/71 | 17.2 | 13.0 | 20.5 | 1.0 | 17.9 | | | | 80 | 16.0 | 12.2 | 1.2 | 3.93 |
| 90 | 2 | 0.6 | 75/63 | 13.4 | 11.6 | 17.3 | 1.2 | 11.6 | 70 | 0.6 | 60 | 17.2 | 14.1 | 1.0 | 5.08 | |
| | | | 80/67 | 14.4 | 12.0 | 18.3 | 1.2 | 12.3 | | | 70 | 16.8 | 13.4 | 1.1 | 4.5 | |
| | | | 85/71 | 15.3 | 12.4 | 19.3 | 1.2 | 13.0 | | | 80 | 16.4 | 12.7 | 1.2 | 4.01 | |
| | 3 | 1.1 | 75/63 | 13.9 | 11.8 | 17.6 | 1.1 | 12.6 | | 60 | 1.2 | 60 | 18.2 | 15.2 | 1.0 | 5.35 |
| | | | 80/67 | 14.9 | 12.2 | 18.6 | 1.1 | 13.5 | | | | 70 | 17.8 | 14.4 | 1.1 | 4.71 |
| | | | 85/71 | 15.9 | 12.6 | 19.7 | 1.1 | 14.3 | | | | 80 | 17.3 | 13.6 | 1.2 | 4.18 |
| | 4 | 1.9 | 75/63 | 14.1 | 11.9 | 17.8 | 1.1 | 13.1 | | 60 | 2.0 | 60 | 18.8 | 15.8 | 1.0 | 5.51 |
| | | | 80/67 | 15.2 | 12.3 | 18.8 | 1.1 | 14.1 | | | | 70 | 18.3 | 14.9 | 1.1 | 4.84 |
| | | | 85/71 | 16.2 | 12.7 | 19.8 | 1.1 | 15.1 | | | | 80 | 17.9 | 14.0 | 1.2 | 4.29 |
| 100 | 2 | 0.6 | 75/63 | 12.6 | 11.2 | 16.8 | 1.3 | 10.0 | 80 | 0.6 | 60 | 19.0 | 15.9 | 1.0 | 5.54 | |
| | | | 80/67 | 13.5 | 11.7 | 17.7 | 1.3 | 10.6 | | | 70 | 18.6 | 15.2 | 1.1 | 4.9 | |
| | | | 85/71 | 14.4 | 12.0 | 18.7 | 1.3 | 11.2 | | | 80 | 18.1 | 14.4 | 1.2 | 4.34 | |
| | 3 | 1.1 | 75/63 | 13.0 | 11.4 | 17.1 | 1.2 | 10.7 | | 60 | 1.2 | 60 | 20.2 | 17.1 | 1.0 | 5.89 |
| | | | 80/67 | 13.9 | 11.9 | 18.0 | 1.2 | 11.5 | | | | 70 | 19.7 | 16.3 | 1.1 | 5.19 |
| | | | 85/71 | 14.9 | 12.3 | 19.0 | 1.2 | 12.2 | | | | 80 | 19.3 | 15.4 | 1.2 | 4.6 |
| | 4 | 1.8 | 75/63 | 13.2 | 11.5 | 17.2 | 1.2 | 11.2 | | 60 | 1.9 | 60 | 20.9 | 17.9 | 1.0 | 6.1 |
| | | | 80/67 | 14.2 | 12.0 | 18.2 | 1.2 | 11.9 | | | | 70 | 20.4 | 17.0 | 1.1 | 5.35 |
| | | | 85/71 | 15.2 | 12.4 | 19.2 | 1.2 | 12.8 | | | | 80 | 19.9 | 16.0 | 1.2 | 4.73 |
| 110 | 2 | 0.5 | 75/63 | 11.7 | 10.9 | 16.2 | 1.4 | 8.5 | Extended Range - Anti-freeze required | 0.5 | 60 | 21.5 | 18.5 | 1.0 | 6.5 | |
| | | | 80/67 | 12.5 | 11.4 | 17.1 | 1.4 | 9.1 | | | 70 | 21.0 | 17.6 | 1.1 | 5.8 | |
| | | | 85/71 | 13.4 | 11.8 | 18.1 | 1.4 | 9.7 | | | 80 | 20.5 | 16.7 | 1.2 | 5.1 | |
| | 3 | 1.1 | 75/63 | 12.1 | 11.0 | 16.5 | 1.3 | 9.2 | | 60 | 1.1 | 60 | 22.5 | 19.5 | 1.0 | 7.0 |
| | | | 80/67 | 13.0 | 11.6 | 17.4 | 1.3 | 9.8 | | | | 70 | 22.0 | 18.6 | 1.1 | 6.3 |
| | | | 85/71 | 13.9 | 12.0 | 18.4 | 1.3 | 10.5 | | | | 80 | 21.5 | 17.7 | 1.2 | 5.6 |
| | 4 | 1.5 | 75/63 | 12.3 | 11.1 | 16.6 | 1.3 | 9.5 | | 60 | 1.5 | 60 | 23.5 | 20.5 | 1.0 | 7.7 |
| | | | 80/67 | 13.2 | 11.6 | 17.6 | 1.3 | 10.1 | | | | 70 | 23.0 | 19.6 | 1.1 | 7.0 |
| | | | 85/71 | 14.2 | 12.0 | 18.6 | 1.3 | 10.9 | | | | 80 | 22.5 | 18.7 | 1.2 | 6.3 |

Extended Range - Anti-freeze required
 AHRI/ISO13256-1 certified performance is rated at entering air conditions of 80.6°F DB and 66.2°F WB in cooling and 68°F DB in heating.
 Tabulated unit performance does not include fan or pump power corrections required for AHRI/ISO standard performance ratings.
 Unit performance may be interpolated. Extrapolation is not allowed.
 For conditions other than rating conditions provided, consult the BST selection software.
 Ratings below 40°F are with a methanol solution.

DISCLAIMER: The performance reported herein is based on testing by FHP. Variations in the installation and operational environment may alter performance. Bosch disclaims all warranties, express and implied, that the performance will be as reported, including the warranty of merchantability and fitness for purpose. In addition, continuous research and development may result in a change to an appliances design and specifications at the time of order, which Bosch may change without notice. Before purchase, confirm the design specifications of the appliance.

EP Model Series - Commercial Water Source Heat Pumps



| Capacity Data EP018 (640 CFM) | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------------------------|------------------------------|------------------------|---------------------------|---------------------------|------------------|------|---------------------------------------|-------------------------|------------------------|---------------------------------------|----------------------------|------------------|---------------------------------------|------|------|------|------|------|------|------|
| Cooling | | | | | | | | | Heating | | | | | | | | | | | | | |
| Entering Water Temp (°F) | Water flow (GPM) | Pressure Drop PSI (FOH) | Entering Air Temp DB/WB (°F) | Total Capacity (MBTUH) | Sensible Capacity (MBTUH) | Heat of Rejection (MBTUH) | Power Input (kW) | EER | Entering Fluid Temp (°F) | Pressure Drop PSI (FOH) | Entering Air Temp (°F) | Total Capacity (MBTUH) | Heat of Absorption (MBTUH) | Power Input (kW) | COP | | | | | | | |
| 50 | 2 | 0.6 | 75/63 | 20.1 | 15.6 | 23.8 | 1.1 | 18.2 | 30 | 0.6 | 60 | 13.8 | 10.2 | 1.2 | 3.41 | | | | | | | |
| | | | 80/67 | 21.3 | 16.1 | 25.0 | 1.1 | 19.5 | | | | 70 | 13.5 | 9.6 | 1.3 | 3.15 | | | | | | |
| | | | 85/71 | 22.5 | 16.5 | 26.3 | 1.1 | 20.9 | | | | 80 | 13.3 | 9.1 | 1.4 | 2.87 | | | | | | |
| | 3.5 | 1.6 | 75/63 | 21.0 | 15.9 | 24.6 | 1.1 | 19.7 | | | | 30 | 1.7 | 60 | 14.8 | 11.1 | 1.2 | 3.53 | | | | |
| | | | 80/67 | 22.3 | 16.5 | 25.9 | 1.0 | 21.4 | | | | | | | 70 | 14.5 | 10.5 | 1.3 | 3.26 | | | |
| | | | 85/71 | 23.8 | 16.8 | 27.3 | 1.0 | 23.4 | | | | | | | 80 | 14.2 | 9.9 | 1.4 | 2.99 | | | |
| | 4.5 | 2.5 | 75/63 | 21.2 | 16.1 | 24.9 | 1.1 | 20.0 | | | | | | | 30 | 2.6 | 60 | 15.3 | 11.5 | 1.2 | 3.58 | |
| | | | 80/67 | 22.6 | 16.6 | 26.2 | 1.0 | 21.8 | | | | | | | | | | 70 | 14.8 | 10.9 | 1.3 | 3.3 |
| | | | 85/71 | 24.1 | 16.9 | 27.6 | 1.0 | 24.0 | | | | | | | | | | 80 | 14.6 | 10.2 | 1.4 | 3.03 |
| 60 | 2 | 0.6 | 75/63 | 19.2 | 15.3 | 23.1 | 1.2 | 16.4 | 40 | 0.6 | 60 | | | | | | | 15.7 | 11.8 | 1.3 | 3.65 | |
| | | | 80/67 | 20.4 | 15.7 | 24.3 | 1.2 | 17.4 | | | | | | | | | | 70 | 15.4 | 11.3 | 1.3 | 3.38 |
| | | | 85/71 | 21.6 | 16.0 | 25.6 | 1.2 | 18.4 | | | | | | | | | | 80 | 15.2 | 10.7 | 1.4 | 3.1 |
| | 3.5 | 1.6 | 75/63 | 20.1 | 15.6 | 23.8 | 1.1 | 18.2 | | | | 40 | 1.6 | 60 | | | | 17.0 | 13.1 | 1.3 | 3.83 | |
| | | | 80/67 | 21.4 | 16.1 | 25.1 | 1.1 | 19.6 | | | | | | | | | | 70 | 16.6 | 12.4 | 1.4 | 3.54 |
| | | | 85/71 | 22.7 | 16.4 | 26.4 | 1.1 | 21.3 | | | | | | | | | | 80 | 16.3 | 11.7 | 1.5 | 3.25 |
| | 4.5 | 2.5 | 75/63 | 20.3 | 15.7 | 24.0 | 1.1 | 18.7 | | | | | | | 40 | 2.6 | 60 | 17.5 | 13.5 | 1.3 | 3.91 | |
| | | | 80/67 | 21.7 | 16.2 | 25.3 | 1.1 | 20.2 | | | | | | | | | | 70 | 17.0 | 12.8 | 1.4 | 3.6 |
| | | | 85/71 | 23.1 | 16.5 | 26.7 | 1.0 | 22.0 | | | | | | | | | | 80 | 16.6 | 12.1 | 1.5 | 3.28 |
| 70 | 2 | 0.6 | 75/63 | 18.3 | 14.8 | 22.5 | 1.3 | 14.5 | 50 | 0.6 | 60 | | | | | | | 17.7 | 13.7 | 1.3 | 3.93 | |
| | | | 80/67 | 19.4 | 15.3 | 23.7 | 1.3 | 15.2 | | | | | | | | | | 70 | 17.4 | 13.0 | 1.4 | 3.65 |
| | | | 85/71 | 20.5 | 15.8 | 24.9 | 1.3 | 16.0 | | | | | | | | | | 80 | 17.0 | 12.4 | 1.5 | 3.34 |
| | 3.5 | 1.6 | 75/63 | 19.2 | 15.2 | 23.1 | 1.2 | 16.3 | | | | 50 | 1.6 | 60 | | | | 19.2 | 15.1 | 1.3 | 4.19 | |
| | | | 80/67 | 20.4 | 15.7 | 24.3 | 1.2 | 17.4 | | | | | | | | | | 70 | 18.8 | 14.3 | 1.4 | 3.86 |
| | | | 85/71 | 21.7 | 16.0 | 25.6 | 1.2 | 18.6 | | | | | | | | | | 80 | 18.5 | 13.6 | 1.5 | 3.52 |
| | 4.5 | 2.4 | 75/63 | 19.4 | 15.3 | 23.3 | 1.2 | 16.8 | | | | | | | 50 | 2.5 | 60 | 19.8 | 15.7 | 1.4 | 4.28 | |
| | | | 80/67 | 20.6 | 15.8 | 24.5 | 1.1 | 18.0 | | | | | | | | | | 70 | 19.4 | 14.8 | 1.4 | 3.93 |
| | | | 85/71 | 22.0 | 16.2 | 25.9 | 1.1 | 19.5 | | | | | | | | | | 80 | 18.9 | 14.1 | 1.6 | 3.58 |
| 80 | 2 | 0.6 | 75/63 | 17.4 | 14.5 | 22.0 | 1.4 | 12.6 | 60 | 0.6 | 60 | | | | | | | 19.7 | 15.6 | 1.4 | 4.27 | |
| | | | 80/67 | 18.5 | 15.0 | 23.1 | 1.4 | 13.3 | | | | | | | | | | 70 | 19.4 | 14.8 | 1.4 | 3.95 |
| | | | 85/71 | 19.6 | 15.4 | 24.3 | 1.4 | 13.9 | | | | | | | | | | 80 | 19.1 | 14.2 | 1.6 | 3.6 |
| | 3.5 | 1.5 | 75/63 | 18.2 | 14.8 | 22.5 | 1.3 | 14.2 | | | | 60 | 1.6 | 60 | | | | 21.5 | 17.3 | 1.4 | 4.58 | |
| | | | 80/67 | 19.3 | 15.3 | 23.7 | 1.3 | 15.1 | | | | | | | | | | 70 | 21.1 | 16.5 | 1.5 | 4.17 |
| | | | 85/71 | 20.6 | 15.8 | 24.9 | 1.3 | 16.0 | | | | | | | | | | 80 | 20.7 | 15.7 | 1.6 | 3.8 |
| | 4.5 | 2.4 | 75/63 | 18.4 | 14.9 | 22.6 | 1.3 | 14.7 | | | | | | | 60 | 2.5 | 60 | 22.2 | 17.9 | 1.4 | 4.7 | |
| | | | 80/67 | 19.6 | 15.4 | 23.8 | 1.3 | 15.7 | | | | | | | | | | 70 | 21.7 | 17.1 | 1.5 | 4.27 |
| | | | 85/71 | 20.9 | 16.0 | 25.1 | 1.2 | 16.8 | | | | | | | | | | 80 | 21.3 | 16.2 | 1.6 | 3.86 |
| 90 | 2 | 0.5 | 75/63 | 16.5 | 14.1 | 21.5 | 1.5 | 11.0 | 70 | 0.6 | 60 | | | | | | | 21.8 | 17.5 | 1.4 | 4.63 | |
| | | | 80/67 | 17.6 | 14.5 | 22.6 | 1.5 | 11.5 | | | | | | | | | | 70 | 21.4 | 16.8 | 1.5 | 4.23 |
| | | | 85/71 | 18.6 | 15.1 | 23.8 | 1.5 | 12.0 | | | | | | | | | | 80 | 21.1 | 16.1 | 1.6 | 3.85 |
| | 3.5 | 1.4 | 75/63 | 17.2 | 14.5 | 21.9 | 1.4 | 12.3 | | | | 70 | 1.6 | 60 | | | | 23.9 | 19.6 | 1.4 | 5.02 | |
| | | | 80/67 | 18.3 | 15.0 | 23.1 | 1.4 | 13.0 | | | | | | | | | | 70 | 23.5 | 18.8 | 1.5 | 4.56 |
| | | | 85/71 | 19.5 | 15.4 | 24.3 | 1.4 | 13.8 | | | | | | | | | | 80 | 23.0 | 17.9 | 1.6 | 4.09 |
| | 4.5 | 2.2 | 75/63 | 17.4 | 14.5 | 22.0 | 1.4 | 12.6 | | | | | | | 70 | 2.4 | 60 | 24.7 | 20.4 | 1.4 | 5.16 | |
| | | | 80/67 | 18.6 | 15.0 | 23.2 | 1.4 | 13.5 | | | | | | | | | | 70 | 24.2 | 19.5 | 1.5 | 4.66 |
| | | | 85/71 | 19.8 | 15.4 | 24.4 | 1.4 | 14.3 | | | | | | | | | | 80 | 23.7 | 18.5 | 1.7 | 4.18 |
| 100 | 2 | 0.5 | 75/63 | 15.6 | 13.8 | 21.0 | 1.6 | 9.6 | 80 | 0.6 | 60 | | | | | | | 24.0 | 19.7 | 1.4 | 5.03 | |
| | | | 80/67 | 16.6 | 14.2 | 22.1 | 1.7 | 10.0 | | | | | | | | | | 70 | 23.6 | 18.9 | 1.5 | 4.58 |
| | | | 85/71 | 17.6 | 14.8 | 23.2 | 1.7 | 10.5 | | | | | | | | | | 80 | 23.2 | 18.1 | 1.6 | 4.12 |
| | 3.5 | 1.4 | 75/63 | 16.3 | 14.0 | 21.3 | 1.5 | 10.6 | | | | 80 | 1.5 | 60 | | | | 26.4 | 22.1 | 1.4 | 5.47 | |
| | | | 80/67 | 17.4 | 14.4 | 22.5 | 1.6 | 11.2 | | | | | | | | | | 70 | 25.9 | 21.1 | 1.5 | 4.91 |
| | | | 85/71 | 18.4 | 15.1 | 23.7 | 1.6 | 11.8 | | | | | | | | | | 80 | 25.4 | 20.2 | 1.7 | 4.4 |
| | 4.5 | 2.2 | 75/63 | 16.4 | 14.1 | 21.4 | 1.5 | 10.8 | | | | | | | 80 | 2.4 | 60 | 27.3 | 22.9 | 1.4 | 5.62 | |
| | | | 80/67 | 17.5 | 14.6 | 22.6 | 1.5 | 11.5 | | | | | | | | | | 70 | 26.8 | 21.9 | 1.6 | 5.02 |
| | | | 85/71 | 18.7 | 15.0 | 23.8 | 1.5 | 12.2 | | | | | | | | | | 80 | 26.2 | 20.9 | 1.7 | 4.48 |
| 110 | 2 | 0.5 | 75/63 | 14.7 | 13.4 | 20.4 | 1.8 | 8.4 | Extended Range - Anti-freeze required | 0.6 | 60 | | | | | | | 26.2 | 20.9 | 1.7 | 4.48 | |
| | | | 80/67 | 15.6 | 13.9 | 21.5 | 1.8 | 8.7 | | | | | | | | | | 70 | 25.4 | 20.2 | 1.7 | 4.4 |
| | | | 85/71 | 16.5 | 14.4 | 22.6 | 1.8 | 9.1 | | | | | | | | | | 80 | 25.0 | 19.5 | 1.8 | 4.0 |
| | 3.5 | 1.4 | 75/63 | 15.2 | 13.7 | 20.8 | 1.7 | 9.1 | | | | Extended Range - Anti-freeze required | 1.5 | 60 | | | | 27.3 | 22.9 | 1.4 | 5.62 | |
| | | | 80/67 | 16.2 | 14.2 | 21.9 | 1.7 | 9.6 | | | | | | | | | | 70 | 26.8 | 21.9 | 1.6 | 5.02 |
| | | | 85/71 | 17.3 | 14.7 | 23.1 | 1.7 | 10.1 | | | | | | | | | | 80 | 26.4 | 21.4 | 1.7 | 4.5 |
| | 4.5 | 2.2 | 75/63 | 15.4 | 13.8 | 20.9 | 1.6 | 9.4 | | | | | | | Extended Range - Anti-freeze required | 2.4 | 60 | 27.3 | 22.9 | 1.4 | 5.62 | |
| | | | 80/67 | 16.5 | 13.9 | 22.0 | 1.7 | 9.8 | | | | | | | | | | 70 | 26.8 | 21.9 | 1.6 | 5.02 |
| | | | 85/71 | 17.6 | 14.7 | 23.2 | 1.7 | 10.4 | | | | | | | | | | 80 | 26.2 | 20.9 | 1.7 | 4.48 |

Extended Range - Anti-freeze required
 AHR/ISO 13256-1 certified performance is rated at entering air conditions of 80.6°F DB and 66.2°F WB in cooling and 68°F DB in heating.
 Tabulated unit performance does not include fan or pump power corrections required for AHR/ISO standard performance ratings.
 Unit performance may be interpolated. Extrapolation is not allowed.
 For conditions other than rating conditions provided, consult the BST selection software.
 Ratings below 40°F are with a methanol solution.

DISCLAIMER: The performance reported herein is based on testing by FHP. Variations in the installation and operational environment may alter performance. Bosch disclaims all warranties, express and implied, that the performance will be as reported, including the warranty of merchantability and fitness for purpose. In addition, continuous research and development may result in a change to an appliances design and specifications at the time of order, which Bosch may change without notice. Before purchase, confirm the design specifications of the appliance.

EP Model Series - Commercial Water Source Heat Pumps



| Capacity Data EP024 (850 CFM) | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|-------------------------|------------------------------|------------------------|---------------------------|---------------------------|------------------|------|---------------------------------------|-------------------------|------------------------|------------------------|----------------------------|------------------|------|------|
| Cooling | | | | | | | | | Heating | | | | | | | |
| Entering Water Temp (°F) | Water flow (GPM) | Pressure Drop PSI (FOH) | Entering Air Temp DB/WB (°F) | Total Capacity (MBTUH) | Sensible Capacity (MBTUH) | Heat of Rejection (MBTUH) | Power Input (kW) | EER | Entering Fluid Temp (°F) | Pressure Drop PSI (FOH) | Entering Air Temp (°F) | Total Capacity (MBTUH) | Heat of Absorption (MBTUH) | Power Input (kW) | COP | |
| 50 | 3 | 0.8 | 75/63 | 26.9 | 20.8 | 30.9 | 1.2 | 22.8 | 30 | 0.8 | 60 | 18.3 | 13.5 | 1.6 | 3.44 | |
| | | | 80/67 | 28.6 | 21.4 | 32.6 | 1.2 | 24.0 | | | | 70 | 18.0 | 12.7 | 1.7 | 3.06 |
| | | | 85/71 | 30.3 | 22.1 | 34.4 | 1.2 | 25.2 | | | | 80 | 17.7 | 11.9 | 1.9 | 2.72 |
| | 4.5 | 1.7 | 75/63 | 27.6 | 21.2 | 31.3 | 1.1 | 25.6 | | | | 60 | 19.0 | 14.3 | 1.6 | 3.55 |
| | | | 80/67 | 29.4 | 21.8 | 33.1 | 1.1 | 27.3 | | | | 70 | 18.6 | 13.4 | 1.7 | 3.16 |
| | | | 85/71 | 31.2 | 22.4 | 35.0 | 1.1 | 28.9 | | | | 80 | 18.4 | 12.5 | 1.9 | 2.82 |
| | 6 | 2.8 | 75/63 | 27.9 | 21.3 | 31.5 | 1.0 | 27.1 | | | | 60 | 19.5 | 14.7 | 1.6 | 3.64 |
| | | | 80/67 | 29.8 | 22.0 | 33.4 | 1.0 | 29.1 | | | | 70 | 19.1 | 13.8 | 1.7 | 3.23 |
| | | | 85/71 | 31.7 | 22.6 | 35.3 | 1.0 | 31.1 | | | | 80 | 18.8 | 12.8 | 1.9 | 2.87 |
| 60 | 3 | 0.8 | 75/63 | 25.6 | 20.4 | 30.2 | 1.3 | 19.2 | 40 | 0.8 | 60 | 20.7 | 15.8 | 1.6 | 3.84 | |
| | | | 80/67 | 27.3 | 21.0 | 31.9 | 1.4 | 20.2 | | | | 70 | 20.4 | 15.0 | 1.8 | 3.41 |
| | | | 85/71 | 28.9 | 21.6 | 33.6 | 1.4 | 21.2 | | | | 80 | 20.1 | 14.1 | 1.9 | 3.03 |
| | 4.5 | 1.6 | 75/63 | 26.4 | 20.6 | 30.6 | 1.2 | 21.2 | | | | 60 | 21.7 | 16.8 | 1.6 | 4 |
| | | | 80/67 | 28.1 | 21.2 | 32.4 | 1.2 | 22.5 | | | | 70 | 21.3 | 15.9 | 1.8 | 3.54 |
| | | | 85/71 | 29.9 | 21.9 | 34.2 | 1.3 | 23.8 | | | | 80 | 21.0 | 14.9 | 2.0 | 3.14 |
| | 6 | 2.7 | 75/63 | 26.7 | 20.7 | 30.8 | 1.2 | 22.3 | | | | 60 | 22.3 | 17.4 | 1.6 | 4.08 |
| | | | 80/67 | 28.5 | 21.4 | 32.6 | 1.2 | 23.8 | | | | 70 | 21.9 | 16.4 | 1.8 | 3.61 |
| | | | 85/71 | 30.3 | 22.1 | 34.4 | 1.2 | 25.3 | | | | 80 | 21.4 | 15.5 | 2.0 | 3.19 |
| 70 | 3 | 0.8 | 75/63 | 24.4 | 19.8 | 29.5 | 1.5 | 16.3 | 50 | 0.8 | 60 | 23.3 | 18.3 | 1.6 | 4.24 | |
| | | | 80/67 | 26.0 | 20.5 | 31.1 | 1.5 | 17.1 | | | | 70 | 23.0 | 17.4 | 1.8 | 3.76 |
| | | | 85/71 | 27.6 | 21.1 | 32.8 | 1.5 | 17.9 | | | | 80 | 22.7 | 16.5 | 2.0 | 3.34 |
| | 4.5 | 1.6 | 75/63 | 25.1 | 20.1 | 29.9 | 1.4 | 17.8 | | | | 60 | 24.6 | 19.5 | 1.6 | 4.42 |
| | | | 80/67 | 26.8 | 20.7 | 31.6 | 1.4 | 18.9 | | | | 70 | 24.2 | 18.5 | 1.8 | 3.9 |
| | | | 85/71 | 28.5 | 21.3 | 33.4 | 1.4 | 19.9 | | | | 80 | 23.8 | 17.5 | 2.0 | 3.47 |
| | 6 | 2.6 | 75/63 | 25.4 | 20.2 | 30.1 | 1.4 | 18.6 | | | | 60 | 25.2 | 20.3 | 1.6 | 4.5 |
| | | | 80/67 | 27.2 | 20.8 | 31.8 | 1.4 | 19.8 | | | | 70 | 24.8 | 19.2 | 1.8 | 3.98 |
| | | | 85/71 | 28.9 | 21.5 | 33.6 | 1.4 | 21.0 | | | | 80 | 24.4 | 18.0 | 2.0 | 3.53 |
| 80 | 3 | 0.8 | 75/63 | 23.2 | 19.3 | 28.8 | 1.7 | 13.8 | 60 | 0.8 | 60 | 26.1 | 21.0 | 1.7 | 4.63 | |
| | | | 80/67 | 24.6 | 20.0 | 30.3 | 1.7 | 14.5 | | | | 70 | 25.8 | 20.0 | 1.8 | 4.1 |
| | | | 85/71 | 26.2 | 20.5 | 32.0 | 1.7 | 15.2 | | | | 80 | 25.4 | 19.0 | 2.0 | 3.64 |
| | 4.5 | 1.6 | 75/63 | 23.9 | 19.5 | 29.1 | 1.6 | 15.0 | | | | 60 | 27.7 | 22.4 | 1.7 | 4.82 |
| | | | 80/67 | 25.4 | 20.3 | 30.8 | 1.6 | 15.9 | | | | 70 | 27.2 | 21.3 | 1.9 | 4.27 |
| | | | 85/71 | 27.0 | 20.9 | 32.5 | 1.6 | 16.8 | | | | 80 | 26.8 | 20.2 | 2.1 | 3.77 |
| | 6 | 2.6 | 75/63 | 24.1 | 19.8 | 29.3 | 1.5 | 15.6 | | | | 60 | 28.5 | 23.2 | 1.7 | 4.93 |
| | | | 80/67 | 25.8 | 20.3 | 31.0 | 1.6 | 16.6 | | | | 70 | 28.0 | 22.1 | 1.9 | 4.36 |
| | | | 85/71 | 27.4 | 21.1 | 32.7 | 1.6 | 17.6 | | | | 80 | 27.5 | 20.9 | 2.1 | 3.85 |
| 90 | 3 | 0.8 | 75/63 | 21.9 | 18.9 | 28.1 | 1.9 | 11.7 | 70 | 0.8 | 60 | 29.1 | 23.7 | 1.7 | 5.01 | |
| | | | 80/67 | 23.4 | 19.4 | 29.7 | 1.9 | 12.3 | | | | 70 | 28.7 | 22.7 | 1.9 | 4.44 |
| | | | 85/71 | 24.8 | 20.0 | 31.2 | 1.9 | 12.9 | | | | 80 | 28.3 | 21.6 | 2.1 | 3.94 |
| | 4.5 | 1.5 | 75/63 | 22.5 | 19.1 | 28.4 | 1.8 | 12.7 | | | | 60 | 30.9 | 25.5 | 1.7 | 5.23 |
| | | | 80/67 | 24.1 | 19.7 | 30.0 | 1.8 | 13.4 | | | | 70 | 30.4 | 24.3 | 1.9 | 4.63 |
| | | | 85/71 | 25.6 | 20.3 | 31.7 | 1.8 | 14.2 | | | | 80 | 29.9 | 23.1 | 2.1 | 4.11 |
| | 6 | 2.5 | 75/63 | 22.8 | 19.2 | 28.6 | 1.7 | 13.1 | | | | 60 | 32.0 | 26.5 | 1.8 | 5.35 |
| | | | 80/67 | 24.4 | 19.8 | 30.2 | 1.7 | 13.9 | | | | 70 | 31.4 | 25.2 | 1.9 | 4.73 |
| | | | 85/71 | 25.9 | 20.5 | 31.8 | 1.8 | 14.8 | | | | 80 | 30.8 | 24.0 | 2.2 | 4.19 |
| 100 | 3 | 0.7 | 75/63 | 20.7 | 18.4 | 27.5 | 2.1 | 9.9 | 80 | 0.8 | 60 | 32.2 | 26.6 | 1.8 | 5.38 | |
| | | | 80/67 | 22.1 | 18.9 | 29.0 | 2.1 | 10.5 | | | | 70 | 31.7 | 25.5 | 2.0 | 4.77 |
| | | | 85/71 | 23.5 | 19.5 | 30.5 | 2.1 | 11.1 | | | | 80 | 31.3 | 24.4 | 2.2 | 4.23 |
| | 4.5 | 1.5 | 75/63 | 21.2 | 18.5 | 27.8 | 2.0 | 10.7 | | | | 60 | 34.3 | 28.7 | 1.8 | 5.61 |
| | | | 80/67 | 22.7 | 19.1 | 29.3 | 2.0 | 11.3 | | | | 70 | 33.7 | 27.4 | 2.0 | 4.95 |
| | | | 85/71 | 24.2 | 19.8 | 30.9 | 2.0 | 12.0 | | | | 80 | 33.1 | 26.1 | 2.2 | 4.39 |
| | 6 | 2.5 | 75/63 | 21.4 | 18.7 | 27.9 | 2.0 | 11.0 | | | | 60 | 35.6 | 29.8 | 1.8 | 5.73 |
| | | | 80/67 | 22.9 | 19.2 | 29.4 | 2.0 | 11.7 | | | | 70 | 34.8 | 28.5 | 2.0 | 5.05 |
| | | | 85/71 | 24.5 | 20.0 | 31.0 | 2.0 | 12.4 | | | | 80 | 34.1 | 27.1 | 2.2 | 4.47 |
| 110 | 3 | 0.7 | 75/63 | 19.4 | 17.7 | 27.0 | 2.3 | 8.4 | Extended Range - Anti-freeze required | 0.8 | 60 | 32.2 | 26.6 | 1.8 | 5.38 | |
| | | | 80/67 | 20.7 | 18.5 | 28.4 | 2.3 | 8.8 | | | | 70 | 31.7 | 25.5 | 2.0 | 4.77 |
| | | | 85/71 | 22.0 | 19.2 | 29.9 | 2.4 | 9.4 | | | | 80 | 31.3 | 24.4 | 2.2 | 4.23 |
| | 4.5 | 1.5 | 75/63 | 19.9 | 17.9 | 27.2 | 2.2 | 8.9 | | | | 60 | 34.3 | 28.7 | 1.8 | 5.61 |
| | | | 80/67 | 21.3 | 18.6 | 28.7 | 2.2 | 9.5 | | | | 70 | 33.7 | 27.4 | 2.0 | 4.95 |
| | | | 85/71 | 22.7 | 19.4 | 30.1 | 2.2 | 10.1 | | | | 80 | 33.1 | 26.1 | 2.2 | 4.39 |
| | 6 | 2.4 | 75/63 | 20.0 | 18.3 | 27.2 | 2.2 | 9.2 | | | | 60 | 35.6 | 29.8 | 1.8 | 5.73 |
| | | | 80/67 | 21.5 | 18.6 | 28.8 | 2.2 | 9.8 | | | | 70 | 34.8 | 28.5 | 2.0 | 5.05 |
| | | | 85/71 | 23.0 | 19.5 | 30.3 | 2.2 | 10.4 | | | | 80 | 34.1 | 27.1 | 2.2 | 4.47 |

Extended Range - Anti-freeze required
 AHR/ISO13256-1 certified performance is rated at entering air conditions of 80.6°F DB and 66.2°F WB in cooling and 68°F DB in heating.
 Tabulated unit performance does not include fan or pump power corrections required for AHR/ISO standard performance ratings.
 Unit performance may be interpolated. Extrapolation is not allowed.
 For conditions other than rating conditions provided, consult the BST selection software.
 Ratings below 40°F are with a methanol solution.

DISCLAIMER: The performance reported herein is based on testing by FHP. Variations in the installation and operational environment may alter performance. Bosch disclaims all warranties, express and implied, that the performance will be as reported, including the warranty of merchantability and fitness for purpose. In addition, continuous research and development may result in a change to an appliances design and specifications at the time of order, which Bosch may change without notice. Before purchase, confirm the design specifications of the appliance.

EP Model Series - Commercial Water Source Heat Pumps



| Capacity Data EP030 (1040 CFM) | | | | | | | | | | | | | | | | | |
|--------------------------------|------------------|-------------------------|------------------------------|------------------------|---------------------------|---------------------------|------------------|------|---------------------------------------|-------------------------|------------------------|------------------------|----------------------------|------------------|------|------|------|
| Cooling | | | | | | | | | Heating | | | | | | | | |
| Entering Water Temp (°F) | Water flow (GPM) | Pressure Drop PSI (FOH) | Entering Air Temp DB/WB (°F) | Total Capacity (MBTUH) | Sensible Capacity (MBTUH) | Heat of Rejection (MBTUH) | Power Input (kW) | EER | Entering Fluid Temp (°F) | Pressure Drop PSI (FOH) | Entering Air Temp (°F) | Total Capacity (MBTUH) | Heat of Absorption (MBTUH) | Power Input (kW) | COP | | |
| 50 | 4 | 0.5 | 75/63 | 29.3 | 23.9 | 33.8 | 1.3 | 22.5 | 30 | 0.5 | 60 | 19.7 | 15.0 | 1.5 | 3.81 | | |
| | | | 80/67 | 31.1 | 24.8 | 35.7 | 1.3 | 23.1 | | | | 70 | 19.3 | 14.0 | 1.7 | 3.35 | |
| | | | 85/71 | 32.9 | 25.5 | 37.8 | 1.4 | 23.6 | | | | 80 | 18.9 | 12.9 | 1.9 | 2.96 | |
| | 5.5 | 0.9 | 75/63 | 30.1 | 24.4 | 34.3 | 1.2 | 24.7 | | | 60 | 0.9 | 60 | 20.4 | 15.7 | 1.5 | 3.94 |
| | | | 80/67 | 32.0 | 25.0 | 36.3 | 1.3 | 25.5 | | | | | 70 | 19.9 | 14.5 | 1.7 | 3.46 |
| | | | 85/71 | 33.9 | 25.7 | 38.4 | 1.3 | 26.1 | | | | | 80 | 19.4 | 13.5 | 1.9 | 3.03 |
| | 7.5 | 1.5 | 75/63 | 30.6 | 24.6 | 34.6 | 1.2 | 26.4 | | | 60 | 1.6 | 60 | 21.0 | 16.1 | 1.5 | 4.05 |
| | | | 80/67 | 32.6 | 25.2 | 36.7 | 1.2 | 27.4 | | | | | 70 | 20.4 | 15.0 | 1.7 | 3.54 |
| | | | 85/71 | 34.6 | 25.9 | 38.9 | 1.2 | 28.1 | | | | | 80 | 20.0 | 13.9 | 1.9 | 3.13 |
| 60 | 4 | 0.5 | 75/63 | 28.0 | 23.5 | 33.0 | 1.5 | 19.2 | 40 | 0.5 | 60 | 22.3 | 17.5 | 1.5 | 4.3 | | |
| | | | 80/67 | 29.7 | 24.1 | 34.8 | 1.5 | 19.8 | | | | 70 | 21.8 | 16.4 | 1.7 | 3.78 | |
| | | | 85/71 | 31.4 | 25.0 | 36.8 | 1.6 | 20.3 | | | | 80 | 21.4 | 15.5 | 1.9 | 3.33 | |
| | 5.5 | 0.9 | 75/63 | 28.7 | 23.8 | 33.4 | 1.4 | 20.9 | | | 60 | 0.9 | 60 | 23.1 | 18.4 | 1.5 | 4.47 |
| | | | 80/67 | 30.5 | 24.6 | 35.3 | 1.4 | 21.6 | | | | | 70 | 22.6 | 17.2 | 1.7 | 3.92 |
| | | | 85/71 | 32.4 | 25.1 | 37.4 | 1.5 | 22.2 | | | | | 80 | 22.5 | 16.1 | 1.9 | 3.5 |
| | 7.5 | 1.5 | 75/63 | 29.2 | 24.0 | 33.7 | 1.3 | 22.2 | | | 60 | 1.5 | 60 | 23.8 | 19.2 | 1.5 | 4.59 |
| | | | 80/67 | 31.1 | 24.7 | 35.7 | 1.3 | 23.1 | | | | | 70 | 23.3 | 17.8 | 1.7 | 4.03 |
| | | | 85/71 | 33.1 | 25.4 | 37.9 | 1.4 | 23.8 | | | | | 80 | 22.8 | 16.4 | 1.9 | 3.54 |
| 70 | 4 | 0.5 | 75/63 | 26.6 | 22.9 | 32.1 | 1.6 | 16.4 | 50 | 0.5 | 60 | 25.0 | 20.2 | 1.5 | 4.81 | | |
| | | | 80/67 | 28.3 | 23.8 | 33.9 | 1.7 | 17.0 | | | | 70 | 24.5 | 19.2 | 1.7 | 4.22 | |
| | | | 85/71 | 30.0 | 24.5 | 35.9 | 1.7 | 17.5 | | | | 80 | 24.1 | 18.1 | 1.9 | 3.72 | |
| | 5.5 | 0.8 | 75/63 | 27.3 | 23.1 | 32.6 | 1.5 | 17.8 | | | 60 | 0.9 | 60 | 26.1 | 21.2 | 1.5 | 5.01 |
| | | | 80/67 | 29.0 | 24.0 | 34.4 | 1.6 | 18.5 | | | | | 70 | 25.5 | 20.0 | 1.7 | 4.39 |
| | | | 85/71 | 30.8 | 24.8 | 36.4 | 1.6 | 19.0 | | | | | 80 | 25.0 | 19.0 | 1.9 | 3.85 |
| | 7.5 | 1.4 | 75/63 | 27.8 | 23.4 | 32.8 | 1.5 | 18.8 | | | 60 | 1.5 | 60 | 27.0 | 22.1 | 1.5 | 5.16 |
| | | | 80/67 | 29.6 | 24.2 | 34.8 | 1.5 | 19.6 | | | | | 70 | 26.5 | 21.0 | 1.7 | 4.54 |
| | | | 85/71 | 31.4 | 25.0 | 36.8 | 1.6 | 20.3 | | | | | 80 | 25.8 | 19.6 | 1.9 | 3.96 |
| 80 | 4 | 0.5 | 75/63 | 25.3 | 22.3 | 31.4 | 1.8 | 14.0 | 60 | 0.5 | 60 | 28.0 | 23.1 | 1.5 | 5.31 | | |
| | | | 80/67 | 26.8 | 23.3 | 33.1 | 1.8 | 14.5 | | | | 70 | 27.4 | 22.0 | 1.7 | 4.66 | |
| | | | 85/71 | 28.5 | 24.0 | 35.0 | 1.9 | 15.0 | | | | 80 | 27.0 | 20.9 | 1.9 | 4.11 | |
| | 5.5 | 0.8 | 75/63 | 25.9 | 22.6 | 31.7 | 1.7 | 15.1 | | | 60 | 0.9 | 60 | 29.3 | 24.4 | 1.6 | 5.51 |
| | | | 80/67 | 27.6 | 23.5 | 33.6 | 1.8 | 15.8 | | | | | 70 | 28.6 | 23.1 | 1.7 | 4.82 |
| | | | 85/71 | 29.3 | 24.1 | 35.5 | 1.8 | 16.3 | | | | | 80 | 28.2 | 22.0 | 1.9 | 4.26 |
| | 7.5 | 1.4 | 75/63 | 26.3 | 22.9 | 32.0 | 1.7 | 15.9 | | | 60 | 1.5 | 60 | 30.4 | 25.5 | 1.6 | 5.66 |
| | | | 80/67 | 28.1 | 23.5 | 33.9 | 1.7 | 16.7 | | | | | 70 | 29.7 | 24.1 | 1.8 | 4.96 |
| | | | 85/71 | 29.9 | 24.3 | 35.8 | 1.7 | 17.3 | | | | | 80 | 29.1 | 22.9 | 1.9 | 4.37 |
| 90 | 4 | 0.5 | 75/63 | 23.8 | 21.9 | 30.6 | 2.0 | 11.9 | 70 | 0.5 | 60 | 31.2 | 26.2 | 1.6 | 5.75 | | |
| | | | 80/67 | 25.4 | 22.7 | 32.3 | 2.0 | 12.4 | | | | 70 | 30.6 | 25.0 | 1.8 | 5.07 | |
| | | | 85/71 | 27.0 | 23.5 | 34.1 | 2.1 | 12.9 | | | | 80 | 30.1 | 23.9 | 2.0 | 4.48 | |
| | 5.5 | 0.8 | 75/63 | 24.4 | 22.1 | 30.9 | 1.9 | 12.8 | | | 60 | 0.8 | 60 | 32.8 | 27.7 | 1.6 | 5.93 |
| | | | 80/67 | 26.1 | 23.0 | 32.7 | 1.9 | 13.4 | | | | | 70 | 32.1 | 26.4 | 1.8 | 5.23 |
| | | | 85/71 | 27.8 | 23.7 | 34.5 | 2.0 | 13.9 | | | | | 80 | 31.5 | 25.2 | 2.0 | 4.63 |
| | 7.5 | 1.4 | 75/63 | 24.9 | 22.3 | 31.1 | 1.9 | 13.5 | | | 60 | 1.4 | 60 | 34.1 | 29.1 | 1.6 | 6.06 |
| | | | 80/67 | 26.6 | 23.1 | 33.0 | 1.9 | 14.1 | | | | | 70 | 33.4 | 27.6 | 1.8 | 5.35 |
| | | | 85/71 | 28.3 | 23.9 | 34.9 | 1.9 | 14.7 | | | | | 80 | 32.7 | 26.2 | 2.0 | 4.74 |
| 100 | 4 | 0.5 | 75/63 | 22.4 | 21.3 | 29.9 | 2.2 | 10.1 | 80 | 0.5 | 60 | 34.6 | 29.4 | 1.7 | 6.11 | | |
| | | | 80/67 | 24.0 | 22.1 | 31.6 | 2.3 | 10.6 | | | | 70 | 34.0 | 28.2 | 1.8 | 5.4 | |
| | | | 85/71 | 25.5 | 23.0 | 33.4 | 2.3 | 11.1 | | | | 80 | 33.4 | 27.0 | 2.0 | 4.8 | |
| | 5.5 | 0.8 | 75/63 | 23.0 | 21.4 | 30.2 | 2.1 | 10.8 | | | 60 | 0.8 | 60 | 36.6 | 31.2 | 1.7 | 6.25 |
| | | | 80/67 | 24.6 | 22.4 | 31.9 | 2.2 | 11.4 | | | | | 70 | 35.9 | 29.9 | 1.9 | 5.54 |
| | | | 85/71 | 26.2 | 23.3 | 33.7 | 2.2 | 11.9 | | | | | 80 | 35.2 | 28.5 | 2.1 | 4.92 |
| | 7.5 | 1.4 | 75/63 | 23.4 | 21.6 | 30.4 | 2.1 | 11.3 | | | 60 | 1.4 | 60 | 38.2 | 32.8 | 1.8 | 6.33 |
| | | | 80/67 | 25.0 | 22.5 | 32.1 | 2.1 | 11.9 | | | | | 70 | 37.3 | 31.4 | 1.9 | 5.62 |
| | | | 85/71 | 26.7 | 23.4 | 34.0 | 2.1 | 12.5 | | | | | 80 | 36.6 | 29.8 | 2.1 | 5 |
| 110 | 4 | 0.4 | 75/63 | 21.0 | 20.6 | 29.3 | 2.5 | 8.5 | Extended Range - Anti-freeze required | 0.4 | 60 | 21.0 | 16.1 | 1.5 | 4.05 | | |
| | | | 80/67 | 22.5 | 21.7 | 30.9 | 2.5 | 9.0 | | | | 70 | 20.4 | 15.0 | 1.7 | 3.54 | |
| | | | 85/71 | 24.0 | 22.4 | 32.7 | 2.5 | 9.5 | | | | 80 | 19.4 | 13.5 | 1.9 | 3.03 | |
| | 5.5 | 0.8 | 75/63 | 21.5 | 21.0 | 29.5 | 2.4 | 9.1 | | | 60 | 0.8 | 60 | 23.1 | 18.4 | 1.5 | 4.47 |
| | | | 80/67 | 23.1 | 21.8 | 31.2 | 2.4 | 9.6 | | | | | 70 | 22.6 | 17.2 | 1.7 | 3.92 |
| | | | 85/71 | 24.7 | 22.8 | 32.9 | 2.4 | 10.1 | | | | | 80 | 22.5 | 16.1 | 1.9 | 3.5 |
| | 7.5 | 1.3 | 75/63 | 21.9 | 21.1 | 29.7 | 2.3 | 9.5 | | | 60 | 1.3 | 60 | 23.8 | 19.2 | 1.5 | 4.59 |
| | | | 80/67 | 23.5 | 21.8 | 31.4 | 2.3 | 10.1 | | | | | 70 | 23.3 | 17.8 | 1.7 | 4.03 |
| | | | 85/71 | 25.2 | 22.8 | 33.2 | 2.4 | 10.6 | | | | | 80 | 22.8 | 16.4 | 1.9 | 3.54 |

Extended Range - Anti-freeze required
 AHR/ISO13256-1 certified performance is rated at entering air conditions of 80.6°F DB and 66.2°F WB in cooling and 68°F DB in heating.
 Tabulated unit performance does not include fan or pump power corrections required for AHR/ISO standard performance ratings.
 Unit performance may be interpolated. Extrapolation is not allowed.
 For conditions other than rating conditions provided, consult the BST selection software.
 Ratings below 40°F are with a methanol solution.

DISCLAIMER: The performance reported herein is based on testing by FHP. Variations in the installation and operational environment may alter performance. Bosch disclaims all warranties, express and implied, that the performance will be as reported, including the warranty of merchantability and fitness for purpose. In addition, continuous research and development may result in a change to an appliances design and specifications at the time of order, which Bosch may change without notice. Before purchase, confirm the design specifications of the appliance.

EP Model Series - Commercial Water Source Heat Pumps



| Capacity Data EP036 (1100 CFM) | | | | | | | | | | | | | | | | |
|--------------------------------|------------------|-------------------------|------------------------------|------------------------|---------------------------|---------------------------|------------------|------|---------------------------------------|-------------------------|------------------------|------------------------|----------------------------|------------------|------|------|
| Cooling | | | | | | | | | Heating | | | | | | | |
| Entering Water Temp (°F) | Water flow (GPM) | Pressure Drop PSI (FOH) | Entering Air Temp DB/WB (°F) | Total Capacity (MBTUH) | Sensible Capacity (MBTUH) | Heat of Rejection (MBTUH) | Power Input (kW) | EER | Entering Fluid Temp (°F) | Pressure Drop PSI (FOH) | Entering Air Temp (°F) | Total Capacity (MBTUH) | Heat of Absorption (MBTUH) | Power Input (kW) | COP | |
| 50 | 4.5 | 0.6 | 75/63 | 35.9 | 27.4 | 41.6 | 1.7 | 21.4 | 30 | 0.7 | 60 | 24.8 | 18.3 | 2.0 | 3.71 | |
| | | | 80/67 | 38.1 | 28.2 | 43.9 | 1.7 | 22.5 | | | | 70 | 24.2 | 17.2 | 2.2 | 3.29 |
| | | | 85/71 | 40.5 | 29.0 | 46.4 | 1.7 | 23.6 | | | | 80 | 24.3 | 17.0 | 2.4 | 2.97 |
| | 7 | 1.4 | 75/63 | 37.1 | 28.0 | 42.4 | 1.5 | 24.2 | | | 60 | 25.8 | 19.6 | 2.0 | 3.82 | |
| | | | 80/67 | 39.5 | 28.8 | 44.8 | 1.5 | 25.5 | | | 70 | 25.3 | 18.4 | 2.2 | 3.4 | |
| | | | 85/71 | 42.1 | 29.4 | 47.5 | 1.6 | 27.0 | | | 80 | 25.4 | 17.9 | 2.4 | 3.08 | |
| | 9 | 2.1 | 75/63 | 37.6 | 28.3 | 42.7 | 1.5 | 25.6 | | | 60 | 26.5 | 19.8 | 2.0 | 3.91 | |
| | | | 80/67 | 40.1 | 29.1 | 45.2 | 1.5 | 27.0 | | | 70 | 26.4 | 19.3 | 2.2 | 3.52 | |
| | | | 85/71 | 42.8 | 29.6 | 47.9 | 1.5 | 28.7 | | | 80 | 26.4 | 18.6 | 2.4 | 3.17 | |
| 60 | 4.5 | 0.6 | 75/63 | 34.2 | 26.8 | 40.6 | 1.9 | 18.5 | 40 | 0.6 | 60 | 27.8 | 21.4 | 2.0 | 4.06 | |
| | | | 80/67 | 36.4 | 27.6 | 42.8 | 1.9 | 19.4 | | | | 70 | 27.4 | 20.3 | 2.2 | 3.63 |
| | | | 85/71 | 38.8 | 28.2 | 45.3 | 1.9 | 20.3 | | | | 80 | 28.3 | 19.3 | 2.5 | 3.36 |
| | 7 | 1.3 | 75/63 | 35.5 | 27.3 | 41.3 | 1.7 | 20.7 | | | 60 | 30.0 | 23.6 | 2.0 | 4.3 | |
| | | | 80/67 | 37.8 | 28.1 | 43.7 | 1.7 | 21.8 | | | 70 | 28.8 | 21.6 | 2.2 | 3.76 | |
| | | | 85/71 | 40.2 | 28.9 | 46.3 | 1.7 | 23.0 | | | 80 | 28.2 | 20.6 | 2.5 | 3.34 | |
| | 9 | 2.1 | 75/63 | 36.0 | 27.5 | 41.6 | 1.7 | 21.7 | | | 60 | 30.2 | 23.8 | 2.0 | 4.33 | |
| | | | 80/67 | 38.4 | 28.2 | 44.1 | 1.7 | 23.0 | | | 70 | 29.9 | 23.6 | 2.3 | 3.87 | |
| | | | 85/71 | 40.9 | 29.0 | 46.7 | 1.7 | 24.3 | | | 80 | 30.2 | 21.6 | 2.5 | 3.54 | |
| 70 | 4.5 | 0.6 | 75/63 | 32.6 | 26.1 | 39.5 | 2.0 | 15.9 | 50 | 0.6 | 60 | 31.3 | 24.8 | 2.1 | 4.45 | |
| | | | 80/67 | 34.7 | 26.9 | 41.7 | 2.1 | 16.7 | | | | 70 | 30.8 | 23.7 | 2.3 | 3.96 |
| | | | 85/71 | 36.8 | 27.8 | 44.0 | 2.1 | 17.5 | | | | 80 | 31.1 | 23.1 | 2.5 | 3.62 |
| | 7 | 1.3 | 75/63 | 33.8 | 26.5 | 40.3 | 1.9 | 17.7 | | | 60 | 34.0 | 27.7 | 2.1 | 4.74 | |
| | | | 80/67 | 36.1 | 27.3 | 42.6 | 1.9 | 18.7 | | | 70 | 32.5 | 25.7 | 2.3 | 4.13 | |
| | | | 85/71 | 38.3 | 28.4 | 45.0 | 1.9 | 19.7 | | | 80 | 32.2 | 23.0 | 2.5 | 3.72 | |
| | 9 | 2.0 | 75/63 | 34.3 | 26.7 | 40.6 | 1.9 | 18.5 | | | 60 | 34.8 | 29.1 | 2.1 | 4.82 | |
| | | | 80/67 | 36.6 | 27.5 | 43.0 | 1.9 | 19.6 | | | 70 | 33.6 | 25.0 | 2.3 | 4.26 | |
| | | | 85/71 | 39.1 | 28.3 | 45.5 | 1.9 | 20.8 | | | 80 | 33.5 | 25.4 | 2.6 | 3.84 | |
| 80 | 4.5 | 0.6 | 75/63 | 31.0 | 25.5 | 38.6 | 2.3 | 13.7 | 60 | 0.6 | 60 | 35.1 | 28.4 | 2.1 | 4.85 | |
| | | | 80/67 | 33.0 | 26.4 | 40.7 | 2.3 | 14.4 | | | | 70 | 34.6 | 27.0 | 2.3 | 4.35 |
| | | | 85/71 | 35.2 | 27.0 | 43.0 | 2.3 | 15.2 | | | | 80 | 34.1 | 25.8 | 2.6 | 3.89 |
| | 7 | 1.3 | 75/63 | 32.2 | 25.9 | 39.3 | 2.1 | 15.2 | | | 60 | 37.6 | 30.7 | 2.2 | 5.11 | |
| | | | 80/67 | 34.3 | 26.7 | 41.5 | 2.1 | 16.1 | | | 70 | 36.8 | 29.2 | 2.4 | 4.55 | |
| | | | 85/71 | 36.6 | 27.5 | 43.9 | 2.2 | 17.0 | | | 80 | 36.3 | 26.7 | 2.6 | 4.08 | |
| | 9 | 2.0 | 75/63 | 32.5 | 26.1 | 39.5 | 2.1 | 15.8 | | | 60 | 38.6 | 32.3 | 2.2 | 5.2 | |
| | | | 80/67 | 34.7 | 26.9 | 41.8 | 2.1 | 16.8 | | | 70 | 37.8 | 30.5 | 2.4 | 4.64 | |
| | | | 85/71 | 37.0 | 27.8 | 44.2 | 2.1 | 17.8 | | | 80 | 37.0 | 29.2 | 2.6 | 4.13 | |
| 90 | 4.5 | 0.6 | 75/63 | 29.3 | 24.8 | 37.7 | 2.5 | 11.7 | 70 | 0.6 | 60 | 39.0 | 32.2 | 2.2 | 5.25 | |
| | | | 80/67 | 31.2 | 25.7 | 39.7 | 2.5 | 12.4 | | | | 70 | 38.5 | 30.7 | 2.4 | 4.71 |
| | | | 85/71 | 33.3 | 26.5 | 41.9 | 2.5 | 13.1 | | | | 80 | 37.7 | 29.8 | 2.6 | 4.19 |
| | 7 | 1.3 | 75/63 | 30.3 | 25.3 | 38.2 | 2.3 | 12.9 | | | 60 | 42.0 | 35.0 | 2.2 | 5.53 | |
| | | | 80/67 | 32.5 | 26.0 | 40.4 | 2.4 | 13.7 | | | 70 | 41.3 | 33.2 | 2.4 | 4.95 | |
| | | | 85/71 | 34.6 | 26.9 | 42.7 | 2.4 | 14.5 | | | 80 | 40.3 | 31.9 | 2.7 | 4.4 | |
| | 9 | 2.0 | 75/63 | 30.9 | 25.4 | 38.6 | 2.3 | 13.5 | | | 60 | 43.4 | 36.4 | 2.2 | 5.65 | |
| | | | 80/67 | 32.9 | 26.3 | 40.7 | 2.3 | 14.3 | | | 70 | 42.5 | 34.6 | 2.5 | 5.04 | |
| | | | 85/71 | 35.2 | 27.0 | 43.0 | 2.3 | 15.2 | | | 80 | 41.7 | 32.9 | 2.7 | 4.51 | |
| 100 | 4.5 | 0.6 | 75/63 | 27.6 | 24.2 | 36.8 | 2.8 | 10.0 | 80 | 0.6 | 60 | 43.2 | 36.2 | 2.2 | 5.63 | |
| | | | 80/67 | 29.5 | 25.1 | 38.8 | 2.8 | 10.6 | | | | 70 | 42.5 | 34.6 | 2.5 | 5.05 |
| | | | 85/71 | 31.4 | 26.0 | 40.8 | 2.8 | 11.2 | | | | 80 | 41.9 | 33.2 | 2.7 | 4.52 |
| | 7 | 1.2 | 75/63 | 28.6 | 24.6 | 37.3 | 2.6 | 11.0 | | | 60 | 46.6 | 39.5 | 2.3 | 5.92 | |
| | | | 80/67 | 30.6 | 25.5 | 39.4 | 2.6 | 11.7 | | | 70 | 45.8 | 37.4 | 2.5 | 5.31 | |
| | | | 85/71 | 33.0 | 25.5 | 41.7 | 2.6 | 12.6 | | | 80 | 45.0 | 35.7 | 2.8 | 4.75 | |
| | 9 | 1.9 | 75/63 | 29.0 | 24.6 | 37.5 | 2.5 | 11.5 | | | 60 | 48.3 | 41.1 | 2.3 | 6.04 | |
| | | | 80/67 | 31.0 | 25.6 | 39.6 | 2.5 | 12.2 | | | 70 | 47.5 | 39.2 | 2.6 | 5.42 | |
| | | | 85/71 | 33.3 | 26.3 | 41.9 | 2.6 | 13.0 | | | 80 | 46.7 | 37.7 | 2.8 | 4.86 | |
| 110 | 4.5 | 0.6 | 75/63 | 25.9 | 23.5 | 36.1 | 3.0 | 8.5 | Extended Range - Anti-freeze required | 0.6 | 60 | 43.2 | 36.2 | 2.2 | 5.63 | |
| | | | 80/67 | 27.7 | 24.4 | 38.0 | 3.1 | 9.0 | | | | 70 | 42.5 | 34.6 | 2.5 | 5.05 |
| | | | 85/71 | 29.5 | 25.3 | 40.0 | 3.1 | 9.6 | | | | 80 | 41.9 | 33.2 | 2.7 | 4.52 |
| | 7 | 1.2 | 75/63 | 26.9 | 23.9 | 36.5 | 2.9 | 9.3 | | | 60 | 46.6 | 39.5 | 2.3 | 5.92 | |
| | | | 80/67 | 28.8 | 24.8 | 38.5 | 2.9 | 10.0 | | | 70 | 45.8 | 37.4 | 2.5 | 5.31 | |
| | | | 85/71 | 30.8 | 25.5 | 40.6 | 2.9 | 10.6 | | | 80 | 45.0 | 35.7 | 2.8 | 4.75 | |
| | 9 | 1.9 | 75/63 | 27.3 | 24.1 | 36.7 | 2.8 | 9.7 | | | 60 | 48.3 | 41.1 | 2.3 | 6.04 | |
| | | | 80/67 | 29.2 | 24.7 | 38.7 | 2.8 | 10.4 | | | 70 | 47.5 | 39.2 | 2.6 | 5.42 | |
| | | | 85/71 | 31.2 | 25.6 | 40.7 | 2.8 | 11.0 | | | 80 | 46.7 | 37.7 | 2.8 | 4.86 | |

Extended Range - Anti-freeze required
 AHR/ISO13256-1 certified performance is rated at entering air conditions of 80.6°F DB and 66.2°F WB in cooling and 68°F DB in heating.
 Tabulated unit performance does not include fan or pump power corrections required for AHR/ISO standard performance ratings.
 Unit performance may be interpolated. Extrapolation is not allowed.
 For conditions other than rating conditions provided, consult the BST selection software.
 Ratings below 40°F are with a methanol solution.

DISCLAIMER: The performance reported herein is based on testing by FHP. Variations in the installation and operational environment may alter performance. Bosch disclaims all warranties, express and implied, that the performance will be as reported, including the warranty of merchantability and fitness for purpose. In addition, continuous research and development may result in a change to an appliances design and specifications at the time of order, which Bosch may change without notice. Before purchase, confirm the design specifications of the appliance.

EP Model Series - Commercial Water Source Heat Pumps



| Capacity Data EP042 (1400 CFM) | | | | | | | | | | | | | | | | |
|--------------------------------|------------------|-------------------------|------------------------------|------------------------|---------------------------|---------------------------|------------------|------|---------------------------------------|-------------------------|------------------------|------------------------|----------------------------|------------------|------|------|
| Cooling | | | | | | | | | Heating | | | | | | | |
| Entering Water Temp (°F) | Water flow (GPM) | Pressure Drop PSI (FOH) | Entering Air Temp DB/WB (°F) | Total Capacity (MBTUH) | Sensible Capacity (MBTUH) | Heat of Rejection (MBTUH) | Power Input (kW) | EER | Entering Fluid Temp (°F) | Pressure Drop PSI (FOH) | Entering Air Temp (°F) | Total Capacity (MBTUH) | Heat of Absorption (MBTUH) | Power Input (kW) | COP | |
| 50 | 5 | 0.8 | 75/63 | 41.1 | 33.1 | 48.0 | 2.0 | 20.6 | 30 | 0.8 | 60 | 26.9 | 20.3 | 2.1 | 3.8 | |
| | | | 80/67 | 43.7 | 34.1 | 50.7 | 2.0 | 21.6 | | | | 70 | 26.3 | 18.6 | 2.3 | 3.35 |
| | | | 85/71 | 46.4 | 35.1 | 53.5 | 2.1 | 22.6 | | | | 80 | 26.2 | 18.7 | 2.6 | 2.99 |
| | 8 | 1.7 | 75/63 | 42.9 | 33.8 | 49.1 | 1.8 | 23.8 | | 1.8 | 60 | 29.0 | 23.2 | 2.1 | 4.04 | |
| | | | 80/67 | 45.8 | 34.7 | 52.0 | 1.8 | 25.3 | | | 70 | 27.6 | 20.1 | 2.3 | 3.48 | |
| | | | 85/71 | 48.6 | 35.6 | 54.9 | 1.8 | 26.7 | | | 80 | 27.7 | 18.9 | 2.6 | 3.14 | |
| | 10 | 2.6 | 75/63 | 43.5 | 34.1 | 49.5 | 1.7 | 25.1 | | 2.7 | 60 | 29.6 | 24.4 | 2.1 | 4.12 | |
| | | | 80/67 | 46.4 | 35.0 | 52.4 | 1.7 | 26.8 | | | 70 | 29.1 | 22.2 | 2.3 | 3.65 | |
| | | | 85/71 | 49.4 | 35.9 | 55.4 | 1.7 | 28.4 | | | 80 | 28.2 | 19.9 | 2.6 | 3.18 | |
| 60 | 5 | 0.7 | 75/63 | 39.2 | 32.2 | 46.8 | 2.2 | 17.6 | 40 | 0.8 | 60 | 30.8 | 23.6 | 2.1 | 4.26 | |
| | | | 80/67 | 41.7 | 33.3 | 49.4 | 2.3 | 18.5 | | | 70 | 29.9 | 22.1 | 2.4 | 3.73 | |
| | | | 85/71 | 44.2 | 34.3 | 52.1 | 2.3 | 19.3 | | | 80 | 30.2 | 22.4 | 2.6 | 3.38 | |
| | 8 | 1.7 | 75/63 | 40.9 | 32.8 | 47.8 | 2.0 | 20.1 | | 1.8 | 60 | 32.9 | 28.0 | 2.2 | 4.48 | |
| | | | 80/67 | 43.6 | 33.8 | 50.6 | 2.0 | 21.3 | | | 70 | 31.5 | 24.1 | 2.4 | 3.89 | |
| | | | 85/71 | 46.4 | 34.8 | 53.4 | 2.1 | 22.5 | | | 80 | 31.0 | 23.7 | 2.6 | 3.45 | |
| | 10 | 2.5 | 75/63 | 41.5 | 33.1 | 48.2 | 2.0 | 21.1 | | 2.6 | 60 | 33.4 | 26.2 | 2.2 | 4.55 | |
| | | | 80/67 | 44.3 | 34.1 | 51.0 | 2.0 | 22.4 | | | 70 | 32.1 | 24.7 | 2.4 | 3.95 | |
| | | | 85/71 | 47.0 | 35.3 | 53.9 | 2.0 | 23.7 | | | 80 | 31.4 | 23.0 | 2.6 | 3.48 | |
| 70 | 5 | 0.7 | 75/63 | 37.2 | 31.5 | 45.6 | 2.5 | 15.1 | 50 | 0.8 | 60 | 34.3 | 27.4 | 2.2 | 4.64 | |
| | | | 80/67 | 39.6 | 32.6 | 48.1 | 2.5 | 15.9 | | | 70 | 33.6 | 26.1 | 2.4 | 4.09 | |
| | | | 85/71 | 42.2 | 33.4 | 50.8 | 2.5 | 16.6 | | | 80 | 33.0 | 24.4 | 2.7 | 3.63 | |
| | 8 | 1.6 | 75/63 | 38.9 | 32.0 | 46.6 | 2.3 | 17.1 | | 1.7 | 60 | 36.7 | 29.6 | 2.2 | 4.89 | |
| | | | 80/67 | 41.4 | 33.1 | 49.2 | 2.3 | 18.1 | | | 70 | 35.8 | 28.1 | 2.4 | 4.31 | |
| | | | 85/71 | 44.1 | 34.0 | 52.0 | 2.3 | 19.1 | | | 80 | 35.1 | 28.1 | 2.7 | 3.8 | |
| | 10 | 2.4 | 75/63 | 39.4 | 32.2 | 46.9 | 2.2 | 17.9 | | 2.6 | 60 | 37.6 | 30.5 | 2.2 | 4.98 | |
| | | | 80/67 | 42.1 | 33.3 | 49.6 | 2.2 | 19.0 | | | 70 | 36.6 | 28.6 | 2.4 | 4.38 | |
| | | | 85/71 | 44.8 | 34.3 | 52.4 | 2.2 | 20.1 | | | 80 | 36.3 | 28.4 | 2.7 | 3.91 | |
| 80 | 5 | 0.7 | 75/63 | 35.2 | 30.7 | 44.4 | 2.7 | 12.9 | 60 | 0.7 | 60 | 38.3 | 31.6 | 2.2 | 5.04 | |
| | | | 80/67 | 37.6 | 31.6 | 46.9 | 2.8 | 13.6 | | | 70 | 37.6 | 30.0 | 2.5 | 4.47 | |
| | | | 85/71 | 40.0 | 32.6 | 49.5 | 2.8 | 14.3 | | | 80 | 37.0 | 28.4 | 2.7 | 3.98 | |
| | 8 | 1.6 | 75/63 | 36.7 | 31.3 | 45.3 | 2.5 | 14.5 | | 1.7 | 60 | 41.2 | 34.4 | 2.3 | 5.32 | |
| | | | 80/67 | 39.3 | 32.2 | 47.9 | 2.5 | 15.4 | | | 70 | 40.3 | 32.6 | 2.5 | 4.72 | |
| | | | 85/71 | 41.8 | 33.5 | 50.5 | 2.6 | 16.3 | | | 80 | 39.6 | 30.2 | 2.8 | 4.2 | |
| | 10 | 2.4 | 75/63 | 37.3 | 31.5 | 45.6 | 2.5 | 15.2 | | 2.5 | 60 | 42.3 | 35.5 | 2.3 | 5.43 | |
| | | | 80/67 | 39.9 | 32.4 | 48.3 | 2.5 | 16.1 | | | 70 | 41.4 | 33.5 | 2.5 | 4.82 | |
| | | | 85/71 | 42.5 | 33.7 | 50.9 | 2.5 | 17.1 | | | 80 | 40.8 | 32.5 | 2.8 | 4.3 | |
| 90 | 5 | 0.7 | 75/63 | 33.2 | 29.8 | 43.4 | 3.0 | 11.0 | 70 | 0.7 | 60 | 42.7 | 35.5 | 2.3 | 5.47 | |
| | | | 80/67 | 35.4 | 31.1 | 45.7 | 3.1 | 11.6 | | | 70 | 41.9 | 34.1 | 2.5 | 4.86 | |
| | | | 85/71 | 37.7 | 32.2 | 48.2 | 3.1 | 12.2 | | | 80 | 41.2 | 32.4 | 2.8 | 4.33 | |
| | 8 | 1.6 | 75/63 | 34.7 | 30.3 | 44.2 | 2.8 | 12.4 | | 1.6 | 60 | 46.2 | 38.8 | 2.3 | 5.8 | |
| | | | 80/67 | 37.0 | 31.7 | 46.6 | 2.8 | 13.1 | | | 70 | 45.1 | 37.2 | 2.6 | 5.13 | |
| | | | 85/71 | 39.5 | 32.7 | 49.2 | 2.8 | 13.9 | | | 80 | 44.3 | 35.1 | 2.8 | 4.57 | |
| | 10 | 2.3 | 75/63 | 35.2 | 30.7 | 44.4 | 2.7 | 12.8 | | 2.4 | 60 | 47.6 | 40.1 | 2.4 | 5.92 | |
| | | | 80/67 | 37.6 | 31.8 | 46.9 | 2.8 | 13.7 | | | 70 | 46.4 | 38.5 | 2.6 | 5.24 | |
| | | | 85/71 | 40.2 | 32.7 | 49.6 | 2.8 | 14.5 | | | 80 | 45.4 | 36.6 | 2.9 | 4.65 | |
| 100 | 5 | 0.7 | 75/63 | 31.3 | 29.0 | 42.5 | 3.3 | 9.4 | 80 | 0.7 | 60 | 47.2 | 40.2 | 2.4 | 5.87 | |
| | | | 80/67 | 33.4 | 30.3 | 44.8 | 3.4 | 9.9 | | | 70 | 46.4 | 38.4 | 2.6 | 5.24 | |
| | | | 85/71 | 35.6 | 31.4 | 47.1 | 3.4 | 10.5 | | | 80 | 45.6 | 36.7 | 2.9 | 4.67 | |
| | 8 | 1.5 | 75/63 | 32.6 | 29.7 | 43.1 | 3.1 | 10.5 | | 1.6 | 60 | 51.3 | 44.1 | 2.4 | 6.21 | |
| | | | 80/67 | 34.8 | 30.9 | 45.5 | 3.1 | 11.1 | | | 70 | 50.2 | 42.1 | 2.7 | 5.52 | |
| | | | 85/71 | 37.2 | 32.1 | 47.9 | 3.2 | 11.8 | | | 80 | 49.2 | 40.2 | 2.9 | 4.92 | |
| | 10 | 2.3 | 75/63 | 33.0 | 29.9 | 43.3 | 3.0 | 10.8 | | 2.4 | 60 | 52.9 | 45.7 | 2.4 | 6.34 | |
| | | | 80/67 | 35.3 | 31.1 | 45.7 | 3.1 | 11.5 | | | 70 | 51.7 | 43.5 | 2.7 | 5.63 | |
| | | | 85/71 | 37.8 | 32.1 | 48.3 | 3.1 | 12.3 | | | 80 | 50.6 | 41.2 | 3.0 | 5.01 | |
| 110 | 5 | 0.7 | 75/63 | 29.3 | 28.4 | 41.7 | 3.7 | 7.9 | Extended Range - Anti-freeze required | 0.7 | 60 | 47.2 | 40.2 | 2.4 | 5.87 | |
| | | | 80/67 | 31.3 | 29.6 | 43.9 | 3.7 | 8.4 | | | 70 | 46.4 | 38.4 | 2.6 | 5.24 | |
| | | | 85/71 | 33.3 | 31.1 | 46.1 | 3.8 | 8.9 | | | 80 | 45.6 | 36.7 | 2.9 | 4.67 | |
| | 8 | 1.5 | 75/63 | 30.5 | 28.8 | 42.2 | 3.5 | 8.8 | | 1.6 | 60 | 51.3 | 44.1 | 2.4 | 6.21 | |
| | | | 80/67 | 32.7 | 30.1 | 44.5 | 3.5 | 9.4 | | | 70 | 50.2 | 42.1 | 2.7 | 5.52 | |
| | | | 85/71 | 35.0 | 31.0 | 46.8 | 3.5 | 10.0 | | | 80 | 49.2 | 40.2 | 2.9 | 4.92 | |
| | 10 | 2.2 | 75/63 | 31.0 | 28.9 | 42.4 | 3.4 | 9.2 | | 2.4 | 60 | 52.9 | 45.7 | 2.4 | 6.34 | |
| | | | 80/67 | 33.3 | 30.0 | 44.7 | 3.4 | 9.8 | | | 70 | 51.7 | 43.5 | 2.7 | 5.63 | |
| | | | 85/71 | 35.5 | 31.3 | 47.1 | 3.4 | 10.4 | | | 80 | 50.6 | 41.2 | 3.0 | 5.01 | |

Extended Range - Anti-freeze required
 AHR/ISO13256-1 certified performance is rated at entering air conditions of 80.6°F DB and 66.2°F WB in cooling and 68°F DB in heating.
 Tabulated unit performance does not include fan or pump power corrections required for AHR/ISO standard performance ratings.
 Unit performance may be interpolated. Extrapolation is not allowed.
 For conditions other than rating conditions provided, consult the BST selection software.
 Ratings below 40°F are with a methanol solution.

DISCLAIMER: The performance reported herein is based on testing by FHP. Variations in the installation and operational environment may alter performance. Bosch disclaims all warranties, express and implied, that the performance will be as reported, including the warranty of merchantability and fitness for purpose. In addition, continuous research and development may result in a change to an appliances design and specifications at the time of order, which Bosch may change without notice. Before purchase, confirm the design specifications of the appliance.

EP Model Series - Commercial Water Source Heat Pumps



BOSCH

| Capacity Data EP048 (1670 CFM) | | | | | | | | | | | | | | | | |
|--------------------------------|------------------|-------------------------|------------------------------|------------------------|---------------------------|---------------------------|------------------|------|---------------------------------------|-------------------------|------------------------|------------------------|----------------------------|------------------|------|------|
| Cooling | | | | | | | | | Heating | | | | | | | |
| Entering Water Temp (°F) | Water flow (GPM) | Pressure Drop PSI (FOH) | Entering Air Temp DB/WB (°F) | Total Capacity (MBTUH) | Sensible Capacity (MBTUH) | Heat of Rejection (MBTUH) | Power Input (kW) | EER | Entering Fluid Temp (°F) | Pressure Drop PSI (FOH) | Entering Air Temp (°F) | Total Capacity (MBTUH) | Heat of Absorption (MBTUH) | Power Input (kW) | COP | |
| 50 | 6 | 1.0 | 75/63 | 48.1 | 38.9 | 56.5 | 2.5 | 19.6 | 30 | 1.1 | 60 | 33.3 | 25.0 | 2.6 | 3.72 | |
| | | | 80/67 | 51.3 | 39.9 | 59.7 | 2.5 | 20.9 | | | | 70 | 32.6 | 23.7 | 2.9 | 3.32 |
| | | | 85/71 | 54.5 | 41.0 | 62.9 | 2.4 | 22.3 | | | | 80 | 32.3 | 21.9 | 3.2 | 2.99 |
| | 9 | 2.1 | 75/63 | 49.8 | 39.6 | 57.7 | 2.3 | 21.8 | | 60 | 2.2 | 60 | 35.0 | 26.7 | 2.7 | 3.86 |
| | | | 80/67 | 53.2 | 40.6 | 61.0 | 2.3 | 23.5 | | | | 70 | 34.2 | 24.9 | 2.9 | 3.45 |
| | | | 85/71 | 56.6 | 41.7 | 64.3 | 2.2 | 25.4 | | | | 80 | 33.6 | 23.3 | 3.2 | 3.09 |
| | 12 | 3.5 | 75/63 | 50.7 | 39.9 | 58.3 | 2.2 | 23.1 | | 60 | 3.7 | 60 | 35.8 | 27.7 | 2.7 | 3.94 |
| | | | 80/67 | 54.2 | 41.0 | 61.6 | 2.2 | 25.0 | | | | 70 | 34.9 | 25.8 | 2.9 | 3.51 |
| | | | 85/71 | 57.7 | 42.2 | 65.1 | 2.1 | 27.2 | | | | 80 | 34.4 | 24.0 | 3.2 | 3.14 |
| 60 | 6 | 1.0 | 75/63 | 46.0 | 37.8 | 55.2 | 2.7 | 16.9 | 40 | 1.1 | 60 | 37.4 | 29.1 | 2.7 | 4.07 | |
| | | | 80/67 | 48.9 | 39.2 | 58.2 | 2.7 | 18.0 | | | | 70 | 36.8 | 27.6 | 2.9 | 3.65 |
| | | | 85/71 | 51.9 | 40.4 | 61.3 | 2.7 | 19.1 | | | | 80 | 36.2 | 26.1 | 3.2 | 3.27 |
| | 9 | 2.1 | 75/63 | 47.6 | 38.4 | 56.2 | 2.5 | 18.9 | | 60 | 2.2 | 60 | 39.4 | 31.2 | 2.7 | 4.24 |
| | | | 80/67 | 50.7 | 39.9 | 59.3 | 2.5 | 20.2 | | | | 70 | 38.7 | 29.4 | 3.0 | 3.8 |
| | | | 85/71 | 54.0 | 41.2 | 62.6 | 2.5 | 21.7 | | | | 80 | 38.2 | 27.5 | 3.3 | 3.41 |
| | 12 | 3.4 | 75/63 | 48.5 | 38.8 | 56.8 | 2.4 | 20.0 | | 60 | 3.6 | 60 | 40.7 | 32.3 | 2.7 | 4.35 |
| | | | 80/67 | 51.7 | 40.3 | 60.0 | 2.4 | 21.5 | | | | 70 | 39.7 | 30.5 | 3.0 | 3.87 |
| | | | 85/71 | 55.2 | 41.2 | 63.4 | 2.4 | 23.3 | | | | 80 | 39.0 | 28.8 | 3.3 | 3.45 |
| 70 | 6 | 1.0 | 75/63 | 43.8 | 36.9 | 53.9 | 3.0 | 14.5 | 50 | 1.0 | 60 | 42.1 | 33.4 | 2.8 | 4.46 | |
| | | | 80/67 | 46.5 | 38.4 | 56.8 | 3.0 | 15.4 | | | | 70 | 41.3 | 31.8 | 3.0 | 3.98 |
| | | | 85/71 | 49.6 | 39.3 | 59.8 | 3.0 | 16.4 | | | | 80 | 40.7 | 30.3 | 3.3 | 3.57 |
| | 9 | 2.0 | 75/63 | 45.3 | 37.7 | 54.8 | 2.8 | 16.2 | | 60 | 2.1 | 60 | 44.6 | 35.8 | 2.8 | 4.66 |
| | | | 80/67 | 48.4 | 38.8 | 57.9 | 2.8 | 17.3 | | | | 70 | 43.7 | 34.2 | 3.1 | 4.16 |
| | | | 85/71 | 51.4 | 40.2 | 61.0 | 2.8 | 18.6 | | | | 80 | 43.0 | 32.5 | 3.4 | 3.72 |
| | 12 | 3.4 | 75/63 | 46.2 | 37.8 | 55.3 | 2.7 | 17.1 | | 60 | 3.5 | 60 | 46.1 | 37.4 | 2.8 | 4.77 |
| | | | 80/67 | 49.3 | 39.1 | 58.4 | 2.7 | 18.4 | | | | 70 | 45.1 | 35.6 | 3.1 | 4.27 |
| | | | 85/71 | 52.5 | 40.6 | 61.6 | 2.7 | 19.8 | | | | 80 | 44.3 | 33.7 | 3.4 | 3.81 |
| 80 | 6 | 1.0 | 75/63 | 41.4 | 36.2 | 52.7 | 3.3 | 12.4 | 60 | 1.0 | 60 | 46.9 | 38.2 | 2.8 | 4.84 | |
| | | | 80/67 | 44.2 | 37.5 | 55.5 | 3.3 | 13.2 | | | | 70 | 46.2 | 36.5 | 3.1 | 4.34 |
| | | | 85/71 | 47.1 | 38.4 | 58.4 | 3.3 | 14.1 | | | | 80 | 45.6 | 34.8 | 3.4 | 3.89 |
| | 9 | 2.0 | 75/63 | 42.9 | 36.8 | 53.5 | 3.1 | 13.8 | | 60 | 2.1 | 60 | 50.1 | 41.1 | 2.9 | 5.1 |
| | | | 80/67 | 45.8 | 38.1 | 56.4 | 3.1 | 14.8 | | | | 70 | 49.2 | 39.2 | 3.2 | 4.56 |
| | | | 85/71 | 48.9 | 39.3 | 59.4 | 3.1 | 15.8 | | | | 80 | 48.3 | 37.5 | 3.5 | 4.07 |
| | 12 | 3.3 | 75/63 | 43.7 | 37.1 | 53.9 | 3.0 | 14.6 | | 60 | 3.4 | 60 | 51.9 | 43.0 | 2.9 | 5.24 |
| | | | 80/67 | 46.8 | 38.2 | 57.0 | 3.0 | 15.7 | | | | 70 | 50.9 | 41.0 | 3.2 | 4.68 |
| | | | 85/71 | 50.0 | 39.4 | 60.1 | 3.0 | 16.8 | | | | 80 | 49.9 | 39.0 | 3.5 | 4.17 |
| 90 | 6 | 1.0 | 75/63 | 39.1 | 35.2 | 51.6 | 3.7 | 10.6 | 70 | 1.0 | 60 | 52.2 | 43.2 | 2.9 | 5.26 | |
| | | | 80/67 | 41.8 | 36.5 | 54.3 | 3.7 | 11.3 | | | | 70 | 51.4 | 41.4 | 3.2 | 4.71 |
| | | | 85/71 | 44.4 | 38.0 | 57.0 | 3.7 | 12.0 | | | | 80 | 50.6 | 39.6 | 3.5 | 4.22 |
| | 9 | 2.0 | 75/63 | 40.5 | 35.9 | 52.2 | 3.5 | 11.7 | | 60 | 2.0 | 60 | 56.0 | 46.7 | 2.9 | 5.56 |
| | | | 80/67 | 43.3 | 37.3 | 55.0 | 3.5 | 12.5 | | | | 70 | 54.8 | 44.8 | 3.2 | 4.96 |
| | | | 85/71 | 46.1 | 38.7 | 57.9 | 3.4 | 13.4 | | | | 80 | 53.8 | 42.7 | 3.6 | 4.43 |
| | 12 | 3.2 | 75/63 | 41.3 | 36.1 | 52.6 | 3.3 | 12.4 | | 60 | 3.4 | 60 | 58.1 | 49.0 | 3.0 | 5.73 |
| | | | 80/67 | 44.3 | 37.2 | 55.6 | 3.3 | 13.3 | | | | 70 | 56.9 | 46.8 | 3.3 | 5.1 |
| | | | 85/71 | 47.3 | 38.5 | 58.5 | 3.3 | 14.3 | | | | 80 | 55.7 | 44.6 | 3.6 | 4.55 |
| 100 | 6 | 0.9 | 75/63 | 36.8 | 34.2 | 50.5 | 4.1 | 9.1 | 80 | 1.0 | 60 | 57.7 | 48.5 | 3.0 | 5.7 | |
| | | | 80/67 | 39.3 | 35.7 | 53.1 | 4.1 | 9.6 | | | | 70 | 56.7 | 46.6 | 3.3 | 5.09 |
| | | | 85/71 | 41.8 | 37.2 | 55.7 | 4.1 | 10.2 | | | | 80 | 55.8 | 44.6 | 3.6 | 4.55 |
| | 9 | 1.9 | 75/63 | 38.1 | 34.9 | 51.1 | 3.8 | 9.9 | | 60 | 2.0 | 60 | 61.9 | 52.7 | 3.0 | 6.04 |
| | | | 80/67 | 40.7 | 36.4 | 53.8 | 3.8 | 10.6 | | | | 70 | 60.7 | 50.5 | 3.3 | 5.38 |
| | | | 85/71 | 43.5 | 37.7 | 56.5 | 3.8 | 11.4 | | | | 80 | 59.6 | 48.2 | 3.6 | 4.79 |
| | 12 | 3.2 | 75/63 | 38.8 | 35.3 | 51.4 | 3.7 | 10.4 | | 60 | 3.3 | 60 | 64.5 | 55.0 | 3.0 | 6.26 |
| | | | 80/67 | 41.6 | 36.7 | 54.2 | 3.7 | 11.2 | | | | 70 | 63.1 | 52.8 | 3.3 | 5.55 |
| | | | 85/71 | 44.4 | 38.0 | 57.0 | 3.7 | 12.0 | | | | 80 | 61.7 | 50.4 | 3.7 | 4.94 |
| 110 | 6 | 0.9 | 75/63 | 34.6 | 33.4 | 49.5 | 4.5 | 7.7 | Extended Range - Anti-freeze required | 1.0 | 60 | 57.7 | 48.5 | 3.0 | 5.7 | |
| | | | 80/67 | 36.9 | 34.7 | 52.0 | 4.5 | 8.2 | | | | 70 | 56.7 | 46.6 | 3.3 | 5.09 |
| | | | 85/71 | 39.2 | 36.3 | 54.5 | 4.5 | 8.7 | | | | 80 | 55.8 | 44.6 | 3.6 | 4.55 |
| | 9 | 1.9 | 75/63 | 35.7 | 34.0 | 50.0 | 4.3 | 8.4 | | 60 | 2.0 | 60 | 61.9 | 52.7 | 3.0 | 6.04 |
| | | | 80/67 | 38.3 | 35.3 | 52.6 | 4.3 | 9.0 | | | | 70 | 60.7 | 50.5 | 3.3 | 5.38 |
| | | | 85/71 | 40.8 | 36.8 | 55.2 | 4.2 | 9.6 | | | | 80 | 59.6 | 48.2 | 3.6 | 4.79 |
| | 12 | 3.1 | 75/63 | 36.4 | 34.2 | 50.3 | 4.1 | 8.8 | | 60 | 3.3 | 60 | 64.5 | 55.0 | 3.0 | 6.26 |
| | | | 80/67 | 39.0 | 35.7 | 52.9 | 4.1 | 9.4 | | | | 70 | 63.1 | 52.8 | 3.3 | 5.55 |
| | | | 85/71 | 41.7 | 37.0 | 55.6 | 4.1 | 10.1 | | | | 80 | 61.7 | 50.4 | 3.7 | 4.94 |

Extended Range - Anti-freeze required
 AHR/ISO13256-1 certified performance is rated at entering air conditions of 80.6°F DB and 66.2°F WB in cooling and 68°F DB in heating.
 Tabulated unit performance does not include fan or pump power corrections required for AHR/ISO standard performance ratings.
 Unit performance may be interpolated. Extrapolation is not allowed.
 For conditions other than rating conditions provided, consult the BST selection software.
 Ratings below 40°F are with a methanol solution.

DISCLAIMER: The performance reported herein is based on testing by FHP. Variations in the installation and operational environment may alter performance. Bosch disclaims all warranties, express and implied, that the performance will be as reported, including the warranty of merchantability and fitness for purpose. In addition, continuous research and development may result in a change to an appliances design and specifications at the time of order, which Bosch may change without notice. Before purchase, confirm the design specifications of the appliance.

EP Model Series - Commercial Water Source Heat Pumps



| Capacity Data EP060 (2110 CFM) | | | | | | | | | | | | | | | | | |
|--------------------------------|------------------|-------------------------|------------------------------|------------------------|---------------------------|---------------------------|------------------|------|---------------------------------------|---------------------------------------|------------------------|------------------------|----------------------------|------------------|------|------|------|
| Cooling | | | | | | | | | Heating | | | | | | | | |
| Entering Water Temp (°F) | Water flow (GPM) | Pressure Drop PSI (FOH) | Entering Air Temp DB/WB (°F) | Total Capacity (MBTUH) | Sensible Capacity (MBTUH) | Heat of Rejection (MBTUH) | Power Input (kW) | EER | Entering Fluid Temp (°F) | Pressure Drop PSI (FOH) | Entering Air Temp (°F) | Total Capacity (MBTUH) | Heat of Absorption (MBTUH) | Power Input (kW) | COP | | |
| 50 | 7.5 | 1.5 | 75/63 | 62.2 | 49.7 | 74.1 | 3.4 | 18.1 | 30 | 1.6 | 60 | 43.2 | 32.2 | 3.4 | 3.72 | | |
| | | | 80/67 | 65.8 | 51.4 | 77.8 | 3.5 | 18.9 | | | | 70 | 42.7 | 30.8 | 3.7 | 3.36 | |
| | | | 85/71 | 70.1 | 52.6 | 82.3 | 3.5 | 19.9 | | | | 80 | 42.3 | 29.2 | 4.1 | 3.04 | |
| | 11 | 3.0 | 75/63 | 64.4 | 50.5 | 75.6 | 3.2 | 19.9 | | 30 | 3.2 | 60 | 45.3 | 34.2 | 3.4 | 3.86 | |
| | | | 80/67 | 68.6 | 51.9 | 79.9 | 3.3 | 21.0 | | | | | 70 | 44.8 | 32.4 | 3.8 | 3.49 |
| | | | 85/71 | 72.8 | 53.2 | 84.1 | 3.3 | 22.1 | | | | | 80 | 44.1 | 30.8 | 4.1 | 3.15 |
| | 15 | 5.2 | 75/63 | 65.5 | 50.9 | 76.3 | 3.1 | 20.9 | | 30 | 5.6 | 60 | 46.7 | 35.5 | 3.5 | 3.96 | |
| | | | 80/67 | 69.9 | 52.4 | 80.7 | 3.1 | 22.2 | | | | | 70 | 46.0 | 33.8 | 3.8 | 3.56 |
| | | | 85/71 | 74.1 | 54.3 | 85.2 | 3.2 | 23.4 | | | | | 80 | 45.3 | 32.0 | 4.1 | 3.22 |
| 60 | 7.5 | 1.5 | 75/63 | 58.3 | 49.8 | 71.5 | 3.7 | 15.7 | 40 | 1.6 | 60 | 48.7 | 37.4 | 3.5 | 4.09 | | |
| | | | 80/67 | 63.2 | 49.9 | 76.1 | 3.8 | 16.7 | | | | 70 | 48.1 | 35.7 | 3.8 | 3.7 | |
| | | | 85/71 | 67.1 | 51.3 | 80.2 | 3.8 | 17.6 | | | | 80 | 47.6 | 34.1 | 4.2 | 3.35 | |
| | 11 | 3.0 | 75/63 | 61.5 | 49.3 | 73.6 | 3.5 | 17.5 | | 40 | 3.1 | 60 | 51.3 | 39.9 | 3.5 | 4.26 | |
| | | | 80/67 | 65.5 | 50.9 | 77.7 | 3.5 | 18.5 | | | | | 70 | 50.6 | 38.1 | 3.8 | 3.86 |
| | | | 85/71 | 68.0 | 52.2 | 80.3 | 3.6 | 19.1 | | | | | 80 | 49.9 | 36.5 | 4.2 | 3.48 |
| | 15 | 5.1 | 75/63 | 62.8 | 49.9 | 74.4 | 3.4 | 18.5 | | 40 | 5.4 | 60 | 53.2 | 41.7 | 3.6 | 4.38 | |
| | | | 80/67 | 66.6 | 51.5 | 78.4 | 3.4 | 19.6 | | | | | 70 | 52.3 | 39.7 | 3.9 | 3.95 |
| | | | 85/71 | 69.8 | 52.1 | 81.6 | 3.4 | 20.4 | | | | | 80 | 51.5 | 37.7 | 4.2 | 3.56 |
| 70 | 7.5 | 1.5 | 75/63 | 55.2 | 46.7 | 69.1 | 4.1 | 13.6 | 50 | 1.5 | 60 | 54.6 | 43.1 | 3.6 | 4.48 | | |
| | | | 80/67 | 56.9 | 49.8 | 72.0 | 4.1 | 14.0 | | | | 70 | 53.8 | 41.3 | 3.9 | 4.05 | |
| | | | 85/71 | 61.5 | 51.8 | 76.2 | 4.1 | 14.9 | | | | 80 | 53.3 | 39.4 | 4.3 | 3.67 | |
| | 11 | 2.9 | 75/63 | 57.1 | 47.8 | 70.2 | 3.8 | 14.9 | | 50 | 3.0 | 60 | 58.0 | 46.3 | 3.6 | 4.69 | |
| | | | 80/67 | 60.3 | 51.1 | 74.2 | 3.8 | 15.7 | | | | | 70 | 57.0 | 44.2 | 3.9 | 4.24 |
| | | | 85/71 | 66.1 | 51.0 | 79.5 | 3.9 | 17.1 | | | | | 80 | 56.2 | 42.4 | 4.3 | 3.82 |
| | 15 | 5.0 | 75/63 | 58.6 | 49.9 | 71.7 | 3.7 | 15.9 | | 50 | 5.2 | 60 | 60.2 | 48.4 | 3.7 | 4.83 | |
| | | | 80/67 | 63.8 | 50.2 | 76.5 | 3.7 | 17.2 | | | | | 70 | 59.1 | 46.2 | 4.0 | 4.36 |
| | | | 85/71 | 67.9 | 51.6 | 80.8 | 3.7 | 18.2 | | | | | 80 | 58.1 | 44.2 | 4.3 | 3.92 |
| 80 | 7.5 | 1.4 | 75/63 | 53.2 | 45.9 | 68.4 | 4.5 | 12.0 | 60 | 1.5 | 60 | 61.0 | 49.2 | 3.7 | 4.88 | | |
| | | | 80/67 | 55.7 | 47.0 | 71.0 | 4.5 | 12.4 | | | | 70 | 60.2 | 47.3 | 4.0 | 4.42 | |
| | | | 85/71 | 57.9 | 50.9 | 74.0 | 4.5 | 12.9 | | | | 80 | 59.4 | 45.2 | 4.4 | 3.99 | |
| | 11 | 2.8 | 75/63 | 54.1 | 46.5 | 68.4 | 4.2 | 12.9 | | 60 | 3.0 | 60 | 65.1 | 53.1 | 3.7 | 5.13 | |
| | | | 80/67 | 59.0 | 48.4 | 73.4 | 4.2 | 14.0 | | | | | 70 | 64.0 | 50.9 | 4.0 | 4.63 |
| | | | 85/71 | 61.5 | 49.4 | 76.0 | 4.2 | 14.5 | | | | | 80 | 63.0 | 48.6 | 4.4 | 4.17 |
| | 15 | 4.9 | 75/63 | 54.9 | 48.4 | 69.2 | 4.0 | 13.6 | | 60 | 5.1 | 60 | 67.8 | 55.6 | 3.8 | 5.29 | |
| | | | 80/67 | 58.9 | 48.6 | 72.9 | 4.1 | 14.5 | | | | | 70 | 66.6 | 53.3 | 4.1 | 4.77 |
| | | | 85/71 | 62.6 | 50.9 | 76.8 | 4.1 | 15.4 | | | | | 80 | 65.3 | 50.8 | 4.5 | 4.29 |
| 90 | 7.5 | 1.4 | 75/63 | 48.1 | 45.6 | 65.6 | 4.9 | 9.9 | 70 | 1.5 | 60 | 67.8 | 55.6 | 3.8 | 5.29 | | |
| | | | 80/67 | 52.5 | 46.2 | 69.2 | 4.9 | 10.7 | | | | 70 | 66.8 | 53.6 | 4.1 | 4.79 | |
| | | | 85/71 | 53.7 | 49.5 | 72.0 | 4.9 | 10.9 | | | | 80 | 65.8 | 51.4 | 4.5 | 4.32 | |
| | 11 | 2.8 | 75/63 | 51.2 | 45.0 | 66.8 | 4.6 | 11.1 | | 70 | 2.9 | 60 | 72.6 | 60.2 | 3.8 | 5.57 | |
| | | | 80/67 | 54.5 | 46.8 | 70.3 | 4.6 | 11.8 | | | | | 70 | 71.3 | 57.8 | 4.2 | 5.03 |
| | | | 85/71 | 58.0 | 48.4 | 73.9 | 4.6 | 12.5 | | | | | 80 | 70.1 | 55.4 | 4.5 | 4.53 |
| | 15 | 4.8 | 75/63 | 53.3 | 45.7 | 68.4 | 4.5 | 11.9 | | 70 | 5.0 | 60 | 75.8 | 63.3 | 3.9 | 5.75 | |
| | | | 80/67 | 57.5 | 41.6 | 71.7 | 4.5 | 12.8 | | | | | 70 | 74.4 | 60.7 | 4.2 | 5.19 |
| | | | 85/71 | 59.4 | 48.8 | 74.8 | 4.5 | 13.3 | | | | | 80 | 72.9 | 58.0 | 4.6 | 4.66 |
| 100 | 7.5 | 1.4 | 75/63 | 45.9 | 44.8 | 64.7 | 5.4 | 8.6 | 80 | 1.4 | 60 | 74.9 | 62.4 | 3.9 | 5.7 | | |
| | | | 80/67 | 48.4 | 46.7 | 67.9 | 5.4 | 9.0 | | | | 70 | 73.8 | 60.2 | 4.2 | 5.15 | |
| | | | 85/71 | 53.0 | 45.1 | 71.3 | 5.4 | 9.7 | | | | 80 | 72.7 | 57.9 | 4.6 | 4.65 | |
| | 11 | 2.7 | 75/63 | 48.1 | 43.7 | 65.3 | 5.1 | 9.5 | | 80 | 2.8 | 60 | 80.5 | 67.8 | 3.9 | 6 | |
| | | | 80/67 | 50.1 | 47.3 | 68.7 | 5.1 | 9.9 | | | | | 70 | 79.0 | 65.1 | 4.3 | 5.42 |
| | | | 85/71 | 54.5 | 47.3 | 72.1 | 5.1 | 10.7 | | | | | 80 | 77.6 | 62.5 | 4.7 | 4.88 |
| | 15 | 4.7 | 75/63 | 48.2 | 45.7 | 65.7 | 4.9 | 9.8 | | 80 | 4.9 | 60 | 84.3 | 71.4 | 4.0 | 6.2 | |
| | | | 80/67 | 52.6 | 45.6 | 69.3 | 4.9 | 10.6 | | | | | 70 | 82.5 | 68.5 | 4.3 | 5.59 |
| | | | 85/71 | 54.1 | 49.7 | 72.3 | 4.9 | 11.0 | | | | | 80 | 80.8 | 65.5 | 4.7 | 5.02 |
| 110 | 7.5 | 1.4 | 75/63 | 43.9 | 42.4 | 63.9 | 5.9 | 7.4 | Extended Range - Anti-freeze required | 1.4 | 60 | 74.9 | 62.4 | 3.9 | 5.7 | | |
| | | | 80/67 | 46.9 | 44.2 | 67.1 | 6.0 | 7.9 | | | | 70 | 73.8 | 60.2 | 4.2 | 5.15 | |
| | | | 85/71 | 49.5 | 44.6 | 69.8 | 6.0 | 8.2 | | | | 80 | 72.7 | 57.9 | 4.6 | 4.65 | |
| | 11 | 2.6 | 75/63 | 45.7 | 42.7 | 64.7 | 5.6 | 8.1 | | Extended Range - Anti-freeze required | 2.8 | 60 | 80.5 | 67.8 | 3.9 | 6 | |
| | | | 80/67 | 47.4 | 46.4 | 67.4 | 5.6 | 8.4 | | | | | 70 | 79.0 | 65.1 | 4.3 | 5.42 |
| | | | 85/71 | 51.1 | 45.9 | 70.4 | 5.7 | 9.0 | | | | | 80 | 77.6 | 62.5 | 4.7 | 4.88 |
| | 15 | 4.6 | 75/63 | 45.4 | 44.6 | 64.5 | 5.5 | 8.3 | | Extended Range - Anti-freeze required | 4.9 | 60 | 84.3 | 71.4 | 4.0 | 6.2 | |
| | | | 80/67 | 48.2 | 46.3 | 67.2 | 5.5 | 8.8 | | | | | 70 | 82.5 | 68.5 | 4.3 | 5.59 |
| | | | 85/71 | 51.0 | 48.6 | 71.0 | 5.5 | 9.3 | | | | | 80 | 80.8 | 65.5 | 4.7 | 5.02 |



For EP070 Capacity Data, please contact Bosch Engineering (EAP).

Extended Range - Anti-freeze required
 AHR/ISO13256-1 certified performance is rated at entering air conditions of 80.6°F DB and 66.2°F WB in cooling and 68°F DB in heating.
 Tabulated unit performance does not include fan or pump power corrections required for AHR/ISO standard performance ratings.
 Unit performance may be interpolated. Extrapolation is not allowed.
 For conditions other than rating conditions provided, consult the BST selection software.
 Ratings below 40°F are with a methanol solution.

DISCLAIMER: The performance reported herein is based on testing by FHP. Variations in the installation and operational environment may alter performance. Bosch disclaims all warranties, express and implied, that the performance will be as reported, including the warranty of merchantability and fitness for purpose. In addition, continuous research and development may result in a change to an appliances design and specifications at the time of order, which Bosch may change without notice. Before purchase, confirm the design specifications of the appliance.

EP Model Series - Commercial Water Source Heat Pumps



BOSCH

Electrical Data - PSC Blower Motor (sizes 007-012), ECM Constant Torque Blower Motor (sizes 015-070)

| Model | Voltage Code | Voltage/ Hz/ Phase | Compressor | | | | Blower Motor | | | Single Point Power | | | |
|-------|--------------|--------------------|------------|------------------------|------|------|--------------|------|------|--------------------|------------------|----------|-----|
| | | | Qty | Compressor Model | RLA | LRA | Qty | FLA | HP | Unit FLA | Min Circuit Amps | MOP CALC | MOP |
| EP007 | -1 | 208-230/60/1 | 1 | RGA5453BXD | 2.5 | 17.7 | 1 | 0.96 | 0.1 | 3.46 | 4.1 | 6.6 | 15 |
| | -2 | 265/60/1 | 1 | RGA5453BXV | 2.6 | 13.5 | 1 | 0.85 | 0.1 | 3.45 | 4.1 | 6.7 | 15 |
| EP009 | -1 | 208-230/60/1 | 1 | RGA5471BXD | 3.4 | 22.2 | 1 | 0.96 | 0.1 | 4.36 | 5.2 | 8.6 | 15 |
| | -2 | 265/60/1 | 1 | RGA5471BXV | 2.9 | 18.8 | 1 | 0.85 | 0.1 | 3.75 | 4.5 | 7.4 | 15 |
| EP012 | -0 | 115/60/1 | 1 | RGA5494BAA | 9.6 | 58.4 | 1 | 2.2 | 0.1 | 11.8 | 14.2 | 23.8 | 20 |
| | -1 | 208-230/60/1 | 1 | RGA5494BXD | 4.6 | 27.9 | 1 | 0.96 | 0.1 | 5.56 | 6.7 | 11.3 | 15 |
| | -2 | 265/60/1 | 1 | RGA5494BXV | 3.8 | 22.2 | 1 | 0.85 | 0.1 | 4.65 | 5.6 | 9.4 | 15 |
| EP015 | -1 | 208-230/60/1 | 1 | RGA5512BXD | 5.6 | 29 | 1 | 2.8 | 0.33 | 8.4 | 9.8 | 15.4 | 15 |
| | -2 | 265/60/1 | 1 | RGA5512BXV | 4.6 | 20 | 1 | 2.6 | 0.33 | 7.2 | 8.4 | 13.0 | 15 |
| EP018 | -1 | 208-230/60/1 | 1 | GK151KAAA3 | 7.4 | 33 | 1 | 2.8 | 0.33 | 10.2 | 12.1 | 19.5 | 15 |
| | -2 | 265/60/1 | 1 | GK151QAAA3 | 6 | 28 | 1 | 2.6 | 0.33 | 8.6 | 10.1 | 16.1 | 15 |
| EP024 | -1 | 208-230/60/1 | 1 | ZP20K5EPFV | 13.5 | 58.3 | 1 | 2.8 | 0.33 | 16.3 | 19.7 | 33.2 | 30 |
| | -2 | 265/60/1 | 1 | ZP20K5EPFJ | 9 | 54 | 1 | 2.6 | 0.33 | 11.6 | 13.9 | 22.9 | 20 |
| | -3 | 208-230/60/3 | 1 | ZP20K5ETF5 | 7.1 | 55.4 | 1 | 2.8 | 0.33 | 9.9 | 11.7 | 18.8 | 15 |
| | -4 | 460/60/3 | 1 | ZP20K5ETFD | 3.5 | 28 | 1 | 2.1 | 0.5 | 5.6 | 6.5 | 10.0 | 15 |
| EP030 | -1 | 208-230/60/1 | 1 | ZP21K5EPFV | 12.8 | 58.3 | 1 | 4.1 | 0.5 | 16.9 | 20.1 | 32.9 | 30 |
| | -2 | 265/60/1 | 1 | ZP21K5EPFJ | 9.6 | 54 | 1 | 3.6 | 0.5 | 13.2 | 15.6 | 25.2 | 25 |
| | -3 | 208-230/60/3 | 1 | ZP21K5ETF5 | 7.7 | 55.4 | 1 | 4.1 | 0.5 | 11.8 | 13.7 | 21.4 | 20 |
| | -4 | 460/60/3 | 1 | ZP21K5ETFD | 3.6 | 28 | 1 | 2.1 | 0.5 | 5.7 | 6.6 | 10.2 | 15 |
| EP036 | -1 | 208-230/60/1 | 1 | ZP28K5EPFV | 16 | 77 | 1 | 6 | 0.75 | 22 | 26.0 | 42.0 | 40 |
| | -3 | 208-230/60/3 | 1 | ZP28K5ETF5 | 10 | 71 | 1 | 6 | 0.75 | 16 | 18.5 | 28.5 | 25 |
| | -4 | 460/60/3 | 1 | ZP28K5ETFD | 4.7 | 38 | 1 | 3.2 | 0.75 | 7.9 | 9.1 | 13.8 | 15 |
| EP042 | -1 | 208-230/60/1 | 1 | ZP31K6EPFV | 15.4 | 83.9 | 1 | 6 | 0.75 | 21.4 | 25.3 | 40.7 | 40 |
| | -3 | 208-230/60/3 | 1 | ZP31K5ETF5/ ZP31K6ETF5 | 10.4 | 73 | 1 | 6 | 0.75 | 16.4 | 19.0 | 29.4 | 25 |
| | -4 | 460/60/3 | 1 | ZP31K5ETFD/ ZP31K6ETFD | 5.8 | 38 | 1 | 3.2 | 0.75 | 9 | 10.5 | 16.3 | 15 |
| EP048 | -1 | 208-230/60/1 | 1 | ZP38K5EPFV | 19.9 | 109 | 1 | 6 | 0.75 | 25.9 | 30.9 | 50.8 | 50 |
| | -3 | 208-230/60/3 | 1 | ZP38K5ETF5 | 13.6 | 83.1 | 1 | 6 | 0.75 | 19.6 | 23.0 | 36.6 | 35 |
| | -4 | 460/60/3 | 1 | ZP38K5ETFD | 6.1 | 41 | 1 | 3.2 | 0.75 | 9.3 | 10.8 | 16.9 | 15 |
| EP060 | -1 | 208-230/60/1 | 1 | ZP49K5EPFV | 25 | 134 | 1 | 7.6 | 1 | 32.6 | 38.9 | 63.9 | 60 |
| | -3 | 208-230/60/3 | 1 | ZP49K5ETF5 | 15.9 | 110 | 1 | 7.6 | 1 | 23.5 | 27.5 | 43.4 | 40 |
| | -4 | 460/60/3 | 1 | ZP49K5ETFD | 7.1 | 52 | 1 | 4 | 1 | 11.1 | 12.9 | 20.0 | 20 |
| EP070 | -1 | 208-230/60/1 | 1 | ZP54K6EPFV | 24.7 | 166 | 1 | 7.6 | 1 | 32.3 | 38.5 | 63.2 | 60 |
| | -3 | 208-230/60/3 | 1 | ZP54K5ETF5/ ZP54K6ETF5 | 15.6 | 110 | 1 | 7.6 | 1 | 23.2 | 27.1 | 42.7 | 40 |
| | -4 | 460/60/3 | 1 | ZP54K5ETFD/ ZP54K6ETFD | 7.8 | 52 | 1 | 4 | 1 | 11.8 | 13.8 | 21.6 | 20 |

EP Model Series - Commercial Water Source Heat Pumps



| Electrical Data - ECM (Option) Constant Airflow Blower Motor | | | | | | | | | | | | | |
|--|--------------|--------------------|------------|------------------------|------|------|--------------|-----|------|--------------------|------------------|----------|-----|
| Model | Voltage Code | Voltage/ Hz/ Phase | Compressor | | | | Blower Motor | | | Single Point Power | | | |
| | | | Qty | Compressor Model | RLA | LRA | Qty | FLA | HP | Unit FLA | Min Circuit Amps | MOP CALC | MOP |
| EP015 | -1 | 208-230/60/1 | 1 | RG45512BXD | 5.6 | 29 | 1 | 2.8 | 0.33 | 8.4 | 9.8 | 15.4 | 15 |
| | -2 | 265/60/1 | 1 | RG45512BXV | 4.6 | 20 | 1 | 2.6 | 0.33 | 7.2 | 8.4 | 13.0 | 15 |
| EP018 | -1 | 208-230/60/1 | 1 | GK151KAAA3 | 7.4 | 33 | 1 | 2.8 | 0.33 | 10.2 | 12.1 | 19.5 | 15 |
| | -2 | 265/60/1 | 1 | GK151QAAA3 | 6 | 28 | 1 | 2.6 | 0.33 | 8.6 | 10.1 | 16.1 | 15 |
| EP024 | -1 | 208-230/60/1 | 1 | ZP20K5EPFV | 13.5 | 58.3 | 1 | 2.8 | 0.33 | 16.3 | 19.7 | 33.2 | 30 |
| | -2 | 265/60/1 | 1 | ZP20K5EPFJ | 9 | 54 | 1 | 2.6 | 0.33 | 11.6 | 13.9 | 22.9 | 20 |
| | -3 | 208-230/60/3 | 1 | ZP20K5ETF5 | 7.1 | 55.4 | 1 | 2.8 | 0.33 | 9.9 | 11.7 | 18.8 | 15 |
| EP030 | -4 | 460/60/3* | 1 | ZP20K5ETFD | 3.5 | 28 | 1 | 2.6 | 0.33 | 6.1 | 7.0 | 10.5 | 15 |
| | -1 | 208-230/60/1 | 1 | ZP21K5EPFV | 12.8 | 58.3 | 1 | 2.8 | 0.33 | 15.6 | 18.8 | 31.6 | 30 |
| | -2 | 265/60/1 | 1 | ZP21K5EPFJ | 9.6 | 54 | 1 | 2.6 | 0.33 | 12.2 | 14.6 | 24.2 | 20 |
| | -3 | 208-230/60/3 | 1 | ZP21K5ETF5 | 7.7 | 55.4 | 1 | 2.8 | 0.33 | 10.5 | 12.4 | 20.1 | 20 |
| EP036 | -4 | 460/60/3* | 1 | ZP21K5ETFD | 3.6 | 28 | 1 | 2.6 | 0.33 | 6.2 | 7.1 | 10.7 | 15 |
| | -1 | 208-230/60/1 | 1 | ZP28K5EPFV | 16 | 77 | 1 | 4.3 | 0.5 | 20.3 | 24.3 | 40.3 | 40 |
| | -3 | 208-230/60/3 | 1 | ZP28K5ETF5 | 10 | 71 | 1 | 4.3 | 0.5 | 14.3 | 16.8 | 26.8 | 25 |
| EP042 | -4 | 460/60/3* | 1 | ZP28K5ETFD | 4.7 | 38 | 1 | 4.1 | 0.5 | 8.8 | 10.0 | 14.7 | 15 |
| | -1 | 208-230/60/1 | 1 | ZP31K6EPFV | 15.4 | 83.9 | 1 | 6.8 | 0.75 | 22.2 | 26.1 | 41.5 | 40 |
| | -3 | 208-230/60/3 | 1 | ZP31K5ETF5/ ZP31K6ETF5 | 10.4 | 73 | 1 | 6.8 | 0.75 | 17.2 | 19.8 | 30.2 | 30 |
| EP048 | -4 | 460/60/3* | 1 | ZP31K5ETFD/ ZP31K6ETFD | 5.8 | 38 | 1 | 5.5 | 0.75 | 11.3 | 12.8 | 18.6 | 15 |
| | -1 | 208-230/60/1 | 1 | ZP38K5EPFV | 19.9 | 109 | 1 | 6.8 | 0.75 | 26.7 | 31.7 | 51.6 | 50 |
| | -3 | 208-230/60/3 | 1 | ZP38K5ETF5 | 13.6 | 83.1 | 1 | 6.8 | 0.75 | 20.4 | 23.8 | 37.4 | 35 |
| EP060 | -4 | 460/60/3* | 1 | ZP38K5ETFD | 6.1 | 41 | 1 | 5.5 | 0.75 | 11.6 | 13.1 | 19.2 | 15 |
| | -1 | 208-230/60/1 | 1 | ZP49K5EPFV | 25 | 134 | 1 | 6.8 | 0.75 | 31.8 | 38.1 | 63.1 | 60 |
| | -3 | 208-230/60/3 | 1 | ZP49K5ETF5 | 15.9 | 110 | 1 | 6.8 | 0.75 | 22.7 | 26.7 | 42.6 | 40 |
| EP070 | -4 | 460/60/3* | 1 | ZP49K5ETFD | 7.1 | 52 | 1 | 5.5 | 0.75 | 12.6 | 14.4 | 21.5 | 20 |
| | -1 | 208-230/60/1 | 1 | ZP54K6EPFV | 24.7 | 166 | 1 | 9.1 | 1 | 33.8 | 40.0 | 64.7 | 60 |
| | -3 | 208-230/60/3 | 1 | ZP54K5ETF5/ ZP54K6ETF5 | 15.6 | 110 | 1 | 9.1 | 1 | 24.7 | 28.6 | 44.2 | 40 |
| | -4 | 460/60/3* | 1 | ZP54K5ETFD/ ZP54K6ETFD | 7.8 | 52 | 1 | 6.9 | 1 | 14.7 | 16.7 | 24.5 | 20 |

* 460V unit contains 265 V fan motor and requires a neutral to power motor.

EP Model Series - Commercial Water Source Heat Pumps



BOSCH

Electrical Data - 1st Data Plate for Compressor Power Connection

| Models | Voltage Code | Rated Voltage | Voltage Min/Max | Compressor | | | | Unit | | | |
|--------|--------------|---------------|-----------------|------------------------|-----|------|-------|------------|------------------|----------|---------------|
| | | | | Compressor Model | QTY | RLA | LRA | FLA (Amps) | Min Circuit Amps | MOP CALC | Max Fuse/HACR |
| EP018 | 1 | 208-230/60/1 | 197/253 | GK151KAAA3 | 1 | 7.4 | 33.0 | 7.4 | 9.3 | 16.7 | 15 |
| EP024 | 1 | 208-230/60/1 | 197/253 | ZP20K5EPFV | 1 | 13.5 | 58.3 | 13.5 | 16.9 | 30.4 | 30 |
| | 3 | 208-230/60/3 | 197/253 | ZP20K5ETF5 | 1 | 7.1 | 55.4 | 7.1 | 8.9 | 16.0 | 15 |
| EP030 | 1 | 208-230/60/1 | 197/253 | ZP21K5EPFV | 1 | 12.8 | 58.3 | 12.8 | 16.0 | 28.8 | 25 |
| | 3 | 208-230/60/1 | 197/253 | ZP21K5ETF5 | 1 | 7.7 | 55.4 | 7.7 | 9.6 | 17.3 | 15 |
| EP036 | 1 | 208-230/60/1 | 197/253 | ZP28K5EPFV | 1 | 16.0 | 77.0 | 16.0 | 20.0 | 36.0 | 35 |
| | 3 | 208-230/60/1 | 197/253 | ZP28K5ETF5 | 1 | 10.0 | 71.0 | 10.0 | 12.5 | 22.5 | 25 |
| EP042 | 1 | 208-230/60/1 | 197/253 | ZP31K6EPFV | 1 | 15.4 | 83.9 | 15.4 | 19.3 | 34.7 | 35 |
| | 3 | 208-230/60/1 | 197/253 | ZP31K5ETF5/ ZP31K6ETF5 | 1 | 10.4 | 73.0 | 10.4 | 13.0 | 23.4 | 25 |
| EP048 | 1 | 208-230/60/1 | 197/253 | ZP38K5EPFV | 1 | 19.9 | 109.0 | 19.9 | 24.9 | 44.8 | 40 |
| | 3 | 208-230/60/1 | 197/253 | ZP38K5ETF5 | 1 | 13.6 | 83.1 | 13.6 | 17.0 | 30.6 | 30 |
| EP060 | 1 | 208-230/60/1 | 197/253 | ZP49K5EPFV | 1 | 25.0 | 134.0 | 25.0 | 31.3 | 56.3 | 55 |
| | 3 | 208-230/60/1 | 197/253 | ZP49K5ETF5 | 1 | 15.9 | 110.0 | 15.9 | 19.9 | 35.8 | 35 |
| EP070 | 1 | 208-230/60/1 | 197/253 | ZP54K6EPFV | 1 | 24.7 | 166.0 | 24.7 | 30.9 | 55.6 | 55 |
| | 3 | 208-230/60/1 | 197/253 | ZP54K5ETF5/ ZP54K6ETF5 | 1 | 15.6 | 110.0 | 15.6 | 19.5 | 35.1 | 35 |

* 460V unit contains 265 V fan motor and requires a neutral to power motor.

EP Model Series - Commercial Water Source Heat Pumps



| Electrical Data - 2nd Data Plate for Units with EH Option and ECM Constant Torque Motor | | | | | | | | | | | | | | |
|---|-------------|-------|--------------|-------|-------------|------|---------------|----------------|-------|------|------|------|-----------------|------|
| Model | EH RATED kW | STAGE | Heater Watts | | Heater AMPS | | Motor FLA (A) | Circuit | MCA | | MOP | | UNIT FLA (Amps) | |
| | | | 240 | 208 | 240V | 208V | | | Fuses | 240V | 208V | 240V | 208V | 240V |
| EP018 | 4.8 | 1 | 4,800 | 3,600 | 20.0 | 17.3 | 2.8 | - | 28.5 | 25.1 | 30 | 30 | 22.8 | 20.1 |
| EP024 | 4.8 | 1 | 4,800 | 3,600 | 20.0 | 17.3 | 2.8 | - | 28.5 | 25.1 | 30 | 30 | 22.8 | 20.1 |
| EP024 | 9.6 | 1 | 9,600 | 7,200 | 40.0 | 34.6 | 2.8 | - | 53.5 | 46.8 | 60 | 50 | 42.8 | 37.4 |
| EP030 | 4.8 | 1 | 4,800 | 3,600 | 20.0 | 17.3 | 4.1 | - | 30.1 | 26.8 | 35 | 30 | 24.1 | 21.4 |
| EP030 | 9.6 | 1 | 9,600 | 7,200 | 40.0 | 34.6 | 4.1 | - | 55.1 | 48.4 | 60 | 50 | 44.1 | 38.7 |
| EP036 | 4.8 | 1 | 4,800 | 3,600 | 20.0 | 17.3 | 6.0 | - | 32.5 | 29.1 | 35 | 30 | 26.0 | 23.3 |
| EP036 | 9.6 | 1 | 9,600 | 7,200 | 40.0 | 34.6 | 6.0 | - | 57.5 | 50.8 | 60 | 60 | 46.0 | 40.6 |
| EP036 | 14.4 | 2 | 14400 | 10800 | 60 | 51.9 | 6 | F1/F2 F3/F4 | 82.5 | 72.4 | 90 | 80 | 66.0 | 57.9 |
| EP042 | 4.8 | 1 | 4,800 | 3,600 | 20.0 | 17.3 | 6.0 | - | 32.5 | 29.1 | 35 | 30 | 26.0 | 23.3 |
| EP042 | 9.6 | 1 | 9,600 | 7,200 | 40.0 | 34.6 | 6.0 | - | 57.5 | 50.8 | 60 | 60 | 46.0 | 40.6 |
| EP042 | 14.4 | 2 | 14400 | 10800 | 60 | 51.9 | 6 | F1/F2 F3/F4 | 82.5 | 72.4 | 90 | 80 | 66.0 | 57.9 |
| EP048 | 4.8 | 1 | 4,800 | 3,600 | 20.0 | 17.3 | 6.0 | - | 32.5 | 29.1 | 35 | 30 | 26.0 | 23.3 |
| EP048 | 9.6 | 1 | 9,600 | 7,200 | 40.0 | 34.6 | 6.0 | - | 57.5 | 50.8 | 60 | 60 | 46.0 | 40.6 |
| EP048 | 14.4 | 2 | 14400 | 10800 | 60 | 51.9 | 6 | F1/F2 F3/F4 | 82.5 | 72.4 | 90 | 80 | 66.0 | 57.9 |
| EP048 | 19.2 | 2 | 19200 | 14000 | 80 | 69.2 | 6 | F1/F2 F3/F4 | 107.5 | 94.0 | 110 | 100 | 86.0 | 75.2 |
| EP060 | 4.8 | 1 | 4,800 | 3,600 | 20.0 | 17.3 | 7.6 | - | 34.5 | 31.1 | 35 | 35 | 27.6 | 24.9 |
| EP060 | 9.6 | 1 | 9,600 | 7,200 | 40.0 | 34.6 | 7.6 | - | 59.5 | 52.8 | 60 | 60 | 47.6 | 42.2 |
| EP060 | 14.4 | 2 | 14400 | 10800 | 60 | 51.9 | 7.6 | F1/F2 F3/F4 | 84.5 | 74.4 | 90 | 80 | 67.6 | 59.5 |
| EP060 | 19.2 | 2 | 19200 | 14000 | 80 | 69.2 | 7.6 | F1/F2 F3/F4 | 109.5 | 96.0 | 110 | 100 | 87.6 | 76.8 |
| EP070 | 4.8 | 1 | 4,800 | 3,600 | 20.0 | 17.3 | 7.6 | - | 34.5 | 31.1 | 35 | 35 | 27.6 | 24.9 |
| EP070 | 9.6 | 1 | 9,600 | 7,200 | 40.0 | 34.6 | 7.6 | - | 59.5 | 52.8 | 60 | 60 | 47.6 | 42.2 |
| EP070 | 14.4 | 2 | 14400 | 10800 | 60 | 51.9 | 7.6 | F1/F2 F3/F4 | 84.5 | 74.4 | 90 | 80 | 67.6 | 59.5 |
| EP070 | 19.2 | 2 | 19200 | 14000 | 80 | 69.2 | 7.6 | F1/F2 F3/F4 | 109.5 | 96.0 | 110 | 100 | 87.6 | 76.8 |

EP Model Series - Commercial Water Source Heat Pumps



Electrical Data - 2nd Data Plate for Units with EH Option and ECM Constant Airflow Motor

| Model | EH RATED kW | STAGE | Heater Watts | | Heater AMPS | | Motor FLA (A) | Circuit | MCA | | MOP | | UNIT FLA (Amps) | |
|-------|-------------|-------|--------------|-------|-------------|------|---------------|----------------|-------|------|------|------|-----------------|------|
| | | | 240 | 208 | 240V | 208V | | | 240V | 208V | 240V | 208V | 240V | 208V |
| EP018 | 4.8 | 1 | 4,800 | 3,600 | 20.0 | 17.3 | 2.8 | - | 28.5 | 25.1 | 30 | 30 | 22.8 | 20.1 |
| EP024 | 4.8 | 1 | 4,800 | 3,600 | 20.0 | 17.3 | 2.8 | - | 28.5 | 25.1 | 30 | 30 | 22.8 | 20.1 |
| EP024 | 9.6 | 1 | 9,600 | 7,200 | 40.0 | 34.6 | 2.8 | - | 53.5 | 46.8 | 60 | 50 | 42.8 | 37.4 |
| EP030 | 4.8 | 1 | 4,800 | 3,600 | 20.0 | 17.3 | 2.8 | - | 28.5 | 25.1 | 30 | 30 | 22.8 | 20.1 |
| EP030 | 9.6 | 1 | 9,600 | 7,200 | 40.0 | 34.6 | 2.8 | - | 53.5 | 46.8 | 60 | 50 | 42.8 | 37.4 |
| EP036 | 4.8 | 1 | 4,800 | 3,600 | 20.0 | 17.3 | 4.3 | - | 30.4 | 27.0 | 35 | 30 | 24.3 | 21.6 |
| EP036 | 9.6 | 1 | 9,600 | 7,200 | 40.0 | 34.6 | 4.3 | - | 55.4 | 48.6 | 60 | 50 | 44.3 | 38.9 |
| EP036 | 14.4 | 2 | 14400 | 10800 | 60 | 51.9 | 4.3 | F1/F2 F3/F4 | 80.4 | 70.3 | 90 | 80 | 64.3 | 56.2 |
| EP042 | 4.8 | 1 | 4,800 | 3,600 | 20.0 | 17.3 | 6.8 | - | 33.5 | 30.1 | 35 | 35 | 26.8 | 24.1 |
| EP042 | 9.6 | 1 | 9,600 | 7,200 | 40.0 | 34.6 | 6.8 | - | 58.5 | 51.8 | 60 | 60 | 46.8 | 41.4 |
| EP042 | 14.4 | 2 | 14400 | 10800 | 60 | 51.9 | 6.8 | F1/F2 F3/F4 | 83.5 | 73.4 | 90 | 80 | 66.8 | 58.7 |
| EP048 | 4.8 | 1 | 4,800 | 3,600 | 20.0 | 17.3 | 6.8 | - | 33.5 | 30.1 | 35 | 35 | 26.8 | 24.1 |
| EP048 | 9.6 | 1 | 9,600 | 7,200 | 40.0 | 34.6 | 6.8 | - | 58.5 | 51.8 | 60 | 60 | 46.8 | 41.4 |
| EP048 | 14.4 | 2 | 14400 | 10800 | 60 | 51.9 | 6.8 | F1/F2 F3/F4 | 83.5 | 73.4 | 90 | 80 | 66.8 | 58.7 |
| EP048 | 19.2 | 2 | 19200 | 14000 | 80 | 69.2 | 6.8 | F1/F2 F3/F4 | 108.5 | 95.0 | 110 | 100 | 86.8 | 76.0 |
| EP060 | 4.8 | 1 | 4,800 | 3,600 | 20.0 | 17.3 | 6.8 | - | 33.5 | 30.1 | 35 | 35 | 26.8 | 24.1 |
| EP060 | 9.6 | 1 | 9,600 | 7,200 | 40.0 | 34.6 | 6.8 | - | 58.5 | 51.8 | 60 | 60 | 46.8 | 41.4 |
| EP060 | 14.4 | 2 | 14400 | 10800 | 60 | 51.9 | 6.8 | F1/F2 F3/F4 | 83.5 | 73.4 | 90 | 80 | 66.8 | 58.7 |
| EP060 | 19.2 | 2 | 19200 | 14000 | 80 | 69.2 | 6.8 | F1/F2 F3/F4 | 108.5 | 95.0 | 110 | 100 | 86.8 | 76.0 |
| EP070 | 4.8 | 1 | 4,800 | 3,600 | 20.0 | 17.3 | 9.1 | - | 36.4 | 33.0 | 35 | 35 | 29.1 | 26.4 |
| EP070 | 9.6 | 1 | 9,600 | 7,200 | 40.0 | 34.6 | 9.1 | - | 61.4 | 54.6 | 70 | 60 | 49.1 | 43.7 |
| EP070 | 14.4 | 2 | 14400 | 10800 | 60 | 51.9 | 9.1 | F1/F2 F3/F4 | 86.4 | 76.3 | 90 | 80 | 69.1 | 61.0 |
| EP070 | 19.2 | 2 | 19200 | 14000 | 80 | 69.2 | 9.1 | F1/F2 F3/F4 | 111.4 | 97.9 | 120 | 100 | 89.1 | 78.3 |

EP Model Series - Commercial Water Source Heat Pumps



BOSCH

| Blower Performance CFM - PSC (Standard) Blower Motor (sizes 007-012), ECM (Standard) Constant Torque Blower Motor (sizes 015-070) | | | | | | | | | | | | | |
|---|-------------|--|------|------|------|------|------|------|------|------|------|------|------|
| Model | Motor Speed | Available External Static Pressure (inches of Water) | | | | | | | | | | | |
| | | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 |
| EP007 | High | 430 | 420 | 390 | 360 | 335 | 310 | 260 | - | - | - | - | - |
| | Medium | 420 | 390 | 365 | 335 | 310 | 270 | - | - | - | - | - | - |
| | Low | 370 | 360 | 340 | 315 | 285 | 245 | - | - | - | - | - | - |
| EP009 | High | 430 | 420 | 390 | 360 | 335 | 310 | 260 | - | - | - | - | - |
| | Medium | 420 | 390 | 365 | 335 | 310 | 270 | - | - | - | - | - | - |
| | Low | 370 | 360 | 340 | 315 | 285 | 245 | - | - | - | - | - | - |
| EP012 | High | 450 | 435 | 415 | 400 | 385 | 360 | 330 | 305 | - | - | - | - |
| | Medium | 425 | 405 | 385 | 375 | 360 | 335 | 310 | - | - | - | - | - |
| | Low | 390 | 380 | 365 | 350 | 335 | 315 | 290 | - | - | - | - | - |
| EP015 | High | 710 | 685 | 650 | 610 | 575 | 545 | 460 | 370 | - | - | - | - |
| | Medium | 530 | 510 | 480 | 445 | 405 | 360 | - | - | - | - | - | - |
| | Low | 430 | 410 | 370 | 335 | 290 | 245 | - | - | - | - | - | - |
| EP018 | High | 808 | 795 | 768 | 736 | 703 | 658 | 576 | 495 | - | - | - | - |
| | Medium | 615 | 575 | 540 | 500 | 460 | 420 | - | - | - | - | - | - |
| | Low | 540 | 510 | 480 | 445 | 405 | 360 | - | - | - | - | - | - |
| EP024 | High | 975 | 945 | 910 | 880 | 855 | 825 | 790 | 750 | - | - | - | - |
| | Medium | 905 | 885 | 855 | 825 | 790 | 755 | 700 | 650 | - | - | - | - |
| | Low | 725 | 700 | 670 | 640 | 585 | 530 | - | - | - | - | - | - |
| EP030 | High | 1225 | 1195 | 1170 | 1140 | 1110 | 1075 | 1010 | 940 | 745 | - | - | - |
| | Medium | 1110 | 1075 | 1045 | 1015 | 985 | 955 | 915 | 880 | 700 | - | - | - |
| | Low | 955 | 925 | 890 | 860 | 825 | 790 | 750 | 715 | 685 | - | - | - |
| EP036 | High | 1440 | 1420 | 1400 | 1380 | 1345 | 1315 | 1240 | 1165 | 1005 | 845 | - | - |
| | Medium | 1340 | 1315 | 1290 | 1270 | 1245 | 1225 | 1180 | 1135 | 990 | 845 | - | - |
| | Low | 1190 | 1165 | 1140 | 1115 | 1090 | 1065 | 1040 | 1020 | 915 | 810 | - | - |
| EP042 | High | 1645 | 1635 | 1610 | 1585 | 1560 | 1535 | 1510 | 1485 | 1460 | 1430 | - | - |
| | Medium | 1455 | 1425 | 1400 | 1375 | 1345 | 1320 | 1290 | 1260 | 1225 | 1190 | - | - |
| | Low | 1220 | 1190 | 1160 | 1130 | 1100 | 1070 | 1015 | 955 | 895 | 830 | - | - |
| EP048 | High | 1840 | 1820 | 1795 | 1775 | 1745 | 1720 | 1695 | 1670 | 1645 | 1615 | - | - |
| | Medium | 1655 | 1635 | 1610 | 1585 | 1560 | 1535 | 1510 | 1485 | 1460 | 1430 | - | - |
| | Low | 1455 | 1425 | 1400 | 1375 | 1345 | 1320 | 1290 | 1260 | 1225 | 1190 | - | - |
| EP060 | High | 2225 | 2195 | 2165 | 2135 | 2105 | 2075 | 2045 | 2015 | 1980 | 1945 | 1900 | 1850 |
| | Medium | 2070 | 2045 | 2015 | 1990 | 1960 | 1925 | 1895 | 1870 | 1840 | 1810 | 1685 | 1600 |
| | Low | 1815 | 1785 | 1755 | 1725 | 1695 | 1665 | 1630 | 1595 | 1555 | 1515 | 1425 | - |
| EP070 | High | 2560 | 2520 | 2480 | 2440 | 2400 | 2360 | 2320 | 2275 | 2245 | 2210 | 2150 | 2050 |
| | Medium | 2440 | 2400 | 2360 | 2320 | 2280 | 2245 | 2200 | 2155 | 2120 | 2085 | 2000 | 1900 |
| | Low | 1920 | 1880 | 1835 | 1795 | 1745 | 1695 | 1655 | 1615 | 1570 | 1520 | 1425 | - |

EP Model Series - Commercial Water Source Heat Pumps



BOSCH

Blower Performance CFM - ECM (Option) Constant Airflow (CFM) Blower Motor

| Model | Motor Speed | Available External Static Pressure (inches of Water) | | | | | | | | | | | | |
|-------|-------------|--|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | |
| EP015 | + | 575 | 575 | 575 | 575 | 575 | 575 | 575 | 575 | 575 | - | - | - | - |
| | Normal | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | - | - | - | - |
| | - | 425 | 425 | 425 | 425 | 425 | 425 | 425 | 425 | 425 | - | - | - | - |
| EP018 | + | 745 | 745 | 745 | 745 | 745 | 745 | 745 | 745 | 745 | - | - | - | - |
| | Normal | 650 | 650 | 650 | 650 | 650 | 650 | 650 | 650 | 650 | - | - | - | - |
| | - | 555 | 555 | 555 | 555 | 555 | 555 | 555 | 555 | 555 | - | - | - | - |
| EP024 | + | 1095 | 1095 | 1095 | 1095 | 1095 | 1095 | 1095 | 1095 | 1095 | 1095 | - | - | - |
| | Normal | 950 | 950 | 950 | 950 | 950 | 950 | 950 | 950 | 950 | 950 | - | - | - |
| | - | 810 | 810 | 810 | 810 | 810 | 810 | 810 | 810 | 810 | 810 | - | - | - |
| EP030 | + | 1150 | 1150 | 1150 | 1150 | 1150 | 1150 | 1150 | 1150 | 1150 | 1150 | - | - | - |
| | Normal | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | - | - | - |
| | - | 850 | 850 | 850 | 850 | 850 | 850 | 850 | 850 | 850 | 850 | - | - | - |
| EP036 | + | 1380 | 1380 | 1380 | 1380 | 1380 | 1380 | 1380 | 1380 | 1380 | 1380 | 1380 | - | - |
| | Normal | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | - | - |
| | - | 1020 | 1020 | 1020 | 1020 | 1020 | 1020 | 1020 | 1020 | 1020 | 1020 | 1020 | - | - |
| EP042 | + | 1610 | 1610 | 1610 | 1610 | 1610 | 1610 | 1610 | 1610 | 1610 | 1610 | 1610 | - | - |
| | Normal | 1400 | 1400 | 1400 | 1400 | 1400 | 1400 | 1400 | 1400 | 1400 | 1400 | 1400 | - | - |
| | - | 1190 | 1190 | 1190 | 1190 | 1190 | 1190 | 1190 | 1190 | 1190 | 1190 | 1190 | - | - |
| EP048 | + | 1840 | 1840 | 1840 | 1840 | 1840 | 1840 | 1840 | 1840 | 1840 | 1840 | 1840 | - | - |
| | Normal | 1600 | 1600 | 1600 | 1600 | 1600 | 1600 | 1600 | 1600 | 1600 | 1600 | 1600 | - | - |
| | - | 1360 | 1360 | 1360 | 1360 | 1360 | 1360 | 1360 | 1360 | 1360 | 1360 | 1360 | - | - |
| EP060 | + | 2300 | 2300 | 2300 | 2300 | 2300 | 2300 | 2300 | 2300 | 2300 | 2300 | 2300 | 2300 | 2300 |
| | Normal | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 |
| | - | 1700 | 1700 | 1700 | 1700 | 1700 | 1700 | 1700 | 1700 | 1700 | 1700 | 1700 | 1700 | - |
| EP070 | + | 2415 | 2415 | 2415 | 2415 | 2415 | 2415 | 2415 | 2415 | 2415 | 2415 | 2415 | 2415 | 2415 |
| | Normal | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 |
| | - | 1785 | 1785 | 1785 | 1785 | 1785 | 1785 | 1785 | 1785 | 1785 | 1785 | 1785 | 1785 | - |

Motor Tap

| Unit | Motor Tap |
|--------|------------|
| EP 007 | NA |
| EP 009 | NA |
| EP 012 | NA |
| EP 015 | A - Normal |
| EP 018 | B - Normal |
| EP 024 | A - Normal |
| EP 030 | A - Normal |
| EP 036 | B - Normal |
| EP 042 | C - Normal |
| EP 048 | D - Normal |
| EP 060 | B - Normal |
| EP 070 | A - Normal |



Air flow is 70% of tabulated values during fan only operation. Air flow is 85% of tabulated value during passive dehumidification mode when enabled.

EP Model Series - Commercial Water Source Heat Pumps



BOSCH

| Physical Data | | | | | | |
|--|----------|----------|----------|----------------------------|----------------------------|----------------------------|
| EP Series | 007 | 009 | 012 | 015 | 018 | 024 |
| Compressor Type (Qty 1) | Rotary | Rotary | Rotary | Rotary | Rotary | Scroll |
| Max Water Working Pressure (PSIG/kPa) | 400/3100 | 400/3100 | 400/3100 | 400/3100 | 400/3100 | 400/3100 |
| Standard Fan Motor & Blower | | | | | | |
| Fan Motor Type/Speeds | PSC/3 | PSC/3 | PSC/3 | ECM Const Torque / 3 speed | ECM Const Torque / 3 speed | ECM Const Torque / 3 speed |
| Fan Motor (HP) | 1/10 | 1/10 | 1/10 | 1/3 | 1/3 | 1/2* / 1/3 |
| Blower Wheel Size (Dia. x W) | 4.5x4.5 | 4.5x4.5 | 5.5x5.5 | 5.5x4.5 | 9x7 | 9x7 |
| ECM Const CFM Fan Motor | | | | | | |
| Fan Motor Type/Speeds | NA | NA | NA | ECM Const CFM / 3 speed | ECM Const CFM / 3 speed | ECM Const CFM / 3 speed |
| Fan Motor (HP) | NA | NA | NA | 1/3 | 1/3 | 1/3 |
| Water Connection Size | | | | | | |
| FPT (inch) | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| Coaxial Coil Volume (gal) | 0.15 | 0.15 | 0.31 | 0.31 | 0.31 | 0.48 |
| Vertical Cabinet | | | | | | |
| Refrigeration Charge (oz) | 29 | 31 | 30 | 35 | 34 | 65 |
| Air Coil Dimensions (H x L) | 12x16.5 | 12x16.5 | 16x16.5 | 16.5x20 | 16.5x20 | 24x21 |
| Standard Filter - 1" Throwaway (H x L) | 15x20 | 15x20 | 18x20 | 20x20 | 20x20 | 24x24 |
| Weight - Operating (lbs) | 140 | 154 | 166 | 191 | 195 | 229 |
| Weight - Shipping (lbs) | 160 | 174 | 186 | 208 | 212 | 242 |
| Horizontal Cabinet | | | | | | |
| Refrigeration Charge (oz) | 29 | 31 | 46 | 35 | 35 | 65 |
| Air Coil Dimensions (H x L) | 12x16.5 | 12x16.5 | 16x16.5 | 18x18.5 | 18x18.5 | 18x28 |
| Standard Filter - 1" Throwaway (H x L) | 15x20 | 15x20 | 18x20 | 18x20 | 18x20 | 20x30 |
| Weight - Operating (lbs) | 165 | 172 | 173 | 190 | 198 | 307 |
| Weight - Shipping (lbs) | 185 | 192 | 205 | 218 | 222 | 340 |

*on this select unit 024 with -4 voltage (460/1/60), the ECM Constant Torque motor will be 1/2 HP rather than 1/3 HP

EP Model Series - Commercial Water Source Heat Pumps



BOSCH

| Physical Data | | | | | | |
|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| EP Series | 030 | 036 | 042 | 048 | 060 | 070 |
| Compressor Type (Qty 1) | Scroll | Scroll | Scroll | Scroll | Scroll | Scroll |
| Max Water Working Pressure (PSIG/kPa) | 400/3100 | 400/3100 | 400/3100 | 400/3100 | 400/3100 | 400/3100 |
| Standard Fan Motor & Blower | | | | | | |
| Fan Motor Type/Speeds | ECM Const Torque / 3 speed | ECM Const Torque / 3 speed | ECM Const Torque / 3 speed | ECM Const Torque / 3 speed | ECM Const Torque / 3 speed | ECM Const Torque / 3 speed |
| Fan Motor (HP) | 1/2 | 3/4 | 3/4 | 3/4 | 1 | 1 |
| Blower Wheel Size (Dia. x W) | 9x7 | 9x7 | 10x8 | 10x8 | 11x9 | 11x9 |
| ECM Const CFM Fan Motor | | | | | | |
| Fan Motor Type/Speeds | ECM Const CFM / 3 speed | ECM Const CFM / 3 speed | ECM Const CFM / 3 speed | ECM Const CFM / 3 speed | ECM Const CFM / 3 speed | ECM Const CFM / 3 speed |
| Fan Motor (HP) | 1/3 | 1/2 | 3/4 | 3/4 | 3/4 | 1 |
| Water Connection Size | | | | | | |
| FPT (inch) | 1 | 1 | 1 | 1 | 1 | 1 |
| Coaxial Coil Volume (gal) | 0.39 | 0.62 | 0.62 | 0.62 | 0.62 | 0.85 |
| Vertical Cabinet | | | | | | |
| Refrigeration Charge (oz) | 71 | 68 | 83 | 86 | 92 | 127 |
| Air Coil Dimensions (H x L) | 24x27 | 24x27 | 32x27 | 32x27 | 40x27 | 40x27 |
| Standard Filter - 1" Throwaway (H x L) | 24x30 | 24x30 | 16x30 (2) | 16x30 (2) | 20x30 (2) | 20x30 (2) |
| Weight - Operating (lbs) | 269 | 281 | 334 | 340 | 396 | 444 |
| Weight - Shipping (lbs) | 292 | 304 | 360 | 366 | 422 | 470 |
| Horizontal Cabinet | | | | | | |
| Refrigeration Charge (oz) | 71 | 71 | 80 | 82 | 90 | 127 |
| Air Coil Dimensions (H x L) | 20x32.5 | 20x32.5 | 20x43.25 | 20x43.25 | 20x54 | 20x54 |
| Standard Filter - 1" Throwaway (H x L) | 20x34.5 | 20x34.5 | 20x24 (2) | 20x24 (2) | 20x28 (2) | 20x28 (2) |
| Weight - Operating (lbs) | 358 | 369 | 400 | 405 | 452 | 494 |
| Weight - Shipping (lbs) | 404 | 415 | 465 | 470 | 520 | 562 |

EP Model Series - Commercial Water Source Heat Pumps



| Horizontal Cabinet Corner Weights | | | | | | | | | | |
|-----------------------------------|------|-------|----------------------|--------------|-----------|------------|-----------------------|--------------|-----------|------------|
| Configuration | | | Left Hand Evaporator | | | | Right Hand Evaporator | | | |
| Model | Unit | Total | Left Front* | Right Front* | Left Back | Right Back | Left Front* | Right Front* | Left Back | Right Back |
| EP007 | Lbs | 165 | 40 | 42 | 42 | 41 | 39 | 43 | 39 | 44 |
| | kg | 75 | 18 | 19 | 19 | 19 | 18 | 19 | 18 | 20 |
| EP009 | Lbs | 172 | 42 | 44 | 44 | 42 | 41 | 45 | 41 | 45 |
| | kg | 78 | 19 | 20 | 20 | 19 | 19 | 20 | 19 | 20 |
| EP012 | Lbs | 173 | 46 | 42 | 45 | 40 | 44 | 44 | 40 | 45 |
| | kg | 79 | 21 | 19 | 21 | 18 | 20 | 20 | 18 | 21 |
| EP015 | Lbs | 190 | 45 | 45 | 53 | 47 | 46 | 44 | 47 | 53 |
| | kg | 86 | 20 | 20 | 25 | 21 | 21 | 20 | 21 | 24 |
| EP018 | Lbs | 198 | 51 | 49 | 50 | 48 | 49 | 51 | 47 | 51 |
| | kg | 90 | 23 | 22 | 23 | 22 | 22 | 23 | 22 | 23 |
| EP024 | Lbs | 307 | 80 | 78 | 79 | 70 | 77 | 81 | 68 | 81 |
| | kg | 140 | 36 | 36 | 36 | 32 | 35 | 37 | 31 | 37 |
| EP030 | Lbs | 358 | 99 | 88 | 92 | 79 | 96 | 92 | 78 | 92 |
| | kg | 163 | 45 | 40 | 42 | 36 | 44 | 42 | 35 | 42 |
| EP036 | Lbs | 369 | 100 | 92 | 94 | 83 | 96 | 96 | 81 | 96 |
| | kg | 168 | 45 | 42 | 43 | 38 | 44 | 44 | 36 | 44 |
| EP042 | Lbs | 400 | 107 | 99 | 105 | 89 | 103 | 103 | 88 | 106 |
| | kg | 182 | 49 | 45 | 48 | 40 | 47 | 47 | 40 | 48 |
| EP048 | Lbs | 405 | 106 | 108 | 102 | 89 | 102 | 112 | 85 | 106 |
| | kg | 184 | 48 | 49 | 46 | 41 | 46 | 51 | 39 | 48 |
| EP060 | Lbs | 452 | 116 | 118 | 118 | 100 | 111 | 123 | 95 | 123 |
| | kg | 205 | 53 | 54 | 54 | 44 | 50 | 56 | 43 | 56 |
| EP070 | Lbs | 494 | 155 | 122 | 121 | 96 | 151 | 126 | 98 | 119 |
| | kg | 225 | 71 | 55 | 55 | 44 | 69 | 57 | 45 | 54 |

*Front is control box end