

SUBMIT THIS CERTIFICATE FOR YOUR HEAT PUMP WITH YOUR APPLICATION



This combination qualifies for a Federal Energy Efficiency Tax Credit when placed in service between Jan 1, 2006 and Dec 31, 2016 and used in GLHP or GWHP application point.

Certificate of Product Ratings

AHRI Certified Reference Number: 3945380 Date: 10/20/2010 †Status: Active

Product: Water/Brine to Air Heat Pump Split System, W/ No Indoor Fan

Model Number: 50YDS026 ← Model For question C3

Indoor Model Number: CNP**24

Manufacturer: XYZ HEAT PUMP COMPANY ← Manufacturer For question C3

Trade/Brand name: XYZ HEAT PUMP COMPANY

Rated as follows in accordance with ANSI/AHRI/ASHRAE/ISO Standard 13256-1 for Water-to-Air and Brine-To-Air Heat Pumps and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Cooling Air Flow Rate: 725 / 725

Heating Air Flow Rate: 725 / 725

WLHP (Water-Loop Heat Pumps)	Full Load	Part Load
Cooling Capacity(Btuh)	25300 / 25300	17900 / 17900
Cooling EER Rating(Btuh/watt)	14.80 / 14.80	17.00 / 17.00
Cooling Fluid Flow Rate(gpm)	8.00 / 8.00	7.00 / 7.00
Heating Capacity(Btuh)	32200 / 32200	21800 / 21800
Heating COP(watt/watt)	4.90 / 4.90	5.10 / 5.10
Heating Fluid Flow Rate(gpm)	8.00 / 8.00	7.00 / 7.00

GWHP (Ground-Water Heat Pumps)	Full Load	Part Load
Cooling Capacity(Btuh)	28000 / 28000	20300 / 20300
Cooling EER Rating(Btuh/watt)	22.20 / 22.20	27.60 / 27.60
Cooling Fluid Flow Rate(gpm)	8.00 / 8.00	7.00 / 7.00
Heating Capacity(Btuh)	25700 / 25700	18000 / 18000
Heating COP(watt/watt)	4.40 / 4.40	4.50 / 4.50
Heating Fluid Flow Rate(gpm)	8.00 / 8.00	7.00 / 7.00

GLHP (Ground-Loop Heat Pumps)	Full Load	Part Load
Cooling Capacity(Btuh)	25700 / 25700	19200 / 19200
Cooling EER Rating(Btuh/watt)	17.70 / 17.70	23.20 / 23.20
Cooling Fluid Flow Rate(gpm)	8.00 / 8.00	7.00 / 7.00
Heating Capacity(Btuh)	19600 / 19600	15700 / 15700
Heating COP(watt/watt)	3.80 / 3.80	4.00 / 4.00
Heating Fluid Flow Rate(gpm)	8.00 / 8.00	7.00 / 7.00

Full Load COP For question C2

* Ratings followed by an asterisk (*) indicate a voluntary rerate of previously published data, unless accompanied with a WA8, which indicates an involuntary rerate.

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