



BOSCH Inverter Ducted Split Family (IDS)

Central Air Conditioning Heat Pump (HP)

Singlezone Ducted, Centrally Ducted

AHRI Cert #: **203377011**

Outdoor Unit Model #: **BOVA-36HDN1-M20G**

Indoor Model #: **BMA*2430BNTD**

🔥 Maximum Heating Capacity (Btu/h) @5°F: **17,400**

🔥 Rated Heating Capacity (Btu/h) @47°F: **24,000**

❄️ Rated Cooling Capacity (Btu/h) @95°F: **23,400**

[Advanced Data -
Sizing for Heating](#)

Information Tables

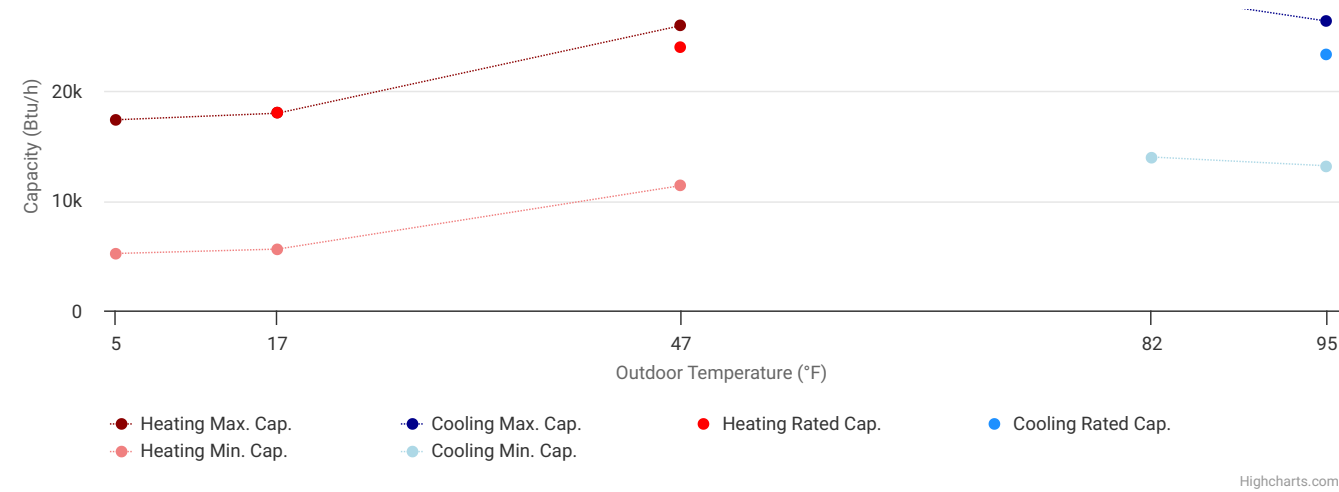
Brand	BOSCH
Series	Inverter Ducted Split Family (IDS)
Ducting Configuration	Singlezone Ducted, Centrally Ducted
AHRI Certificate #	203377011
Outdoor Unit Model #	BOVA-36HDN1-M20G
Indoor Model #	BMA*2430BNTD
Indoor Unit Type	
Furnace Model #	
EER	11.8
SEER	16
HSPF (Region IV)	9.5
EER2	12
SEER2	15.2
HSPF2 (Region IV)	9
HSPF2 (Region V)	6.75
ENERGY STAR V6.1	
ENERGY STAR V6.1 Cold Climate	
ENERGY STAR V5.0	
Capacity Maintenance (Rated 17°F/Rated 47°F)	75%
Capacity Maintenance (Rated 5°F/Rated 47°F)	%
Capacity Maintenance (Max 5°F/Rated 47°F)	72%
Variable Capacity	✔️
Integration	
Connectivity	
Operational Diagnostics	
Refrigerant	R410A
Sold In	USA, Canada

Performance Specs

Heating / Cooling	Outdoor Dry Bulb	Indoor Dry Bulb	Unit	Min	Rated	Max
Cooling	95°F	80°F	Btu/h	13,200	23,400	26,400
			kW	0.97	2	2.35
			COP	3.99	3.43	3.29
Cooling	82°F	80°F	Btu/h	14,000	-	28,800
			kW	0.75	-	2
			COP	5.47	-	4.22
Heating	47°F	70°F	Btu/h	11,400	24,000	26,000
			kW	0.91	2	2.29
			COP	3.67	3.52	3.33
Heating	17°F	70°F	Btu/h	5,600	18,000	18,000
			kW	0.91	2.4	2.4
			COP	1.8	2.2	2.2
Heating	5°F	70°F	Btu/h	5,200	-	17,400
			kW	0.89	-	2.48
			COP	1.71	-	2.06

Heating/Cooling Capacity Graph





Pan Heater
Type
Input Power (W)
Operation

Additional Heat Pump Images

Related Products