



BOSCH Inverter Ducted Split Family (IDS)


Central Air Conditioning Heat Pump (HP)

Singlezone Ducted, Centrally Ducted

AHRI Cert #: **207658522**

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

Indoor Model #: **BVA-24WN1-M20**

 Maximum Heating Capacity (Btu/h) @5°F: **20,000**

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

 Rated Cooling Capacity (Btu/h) @95°F: **24,000**

[Advanced Data -
Sizing for Heating](#)

Information Tables

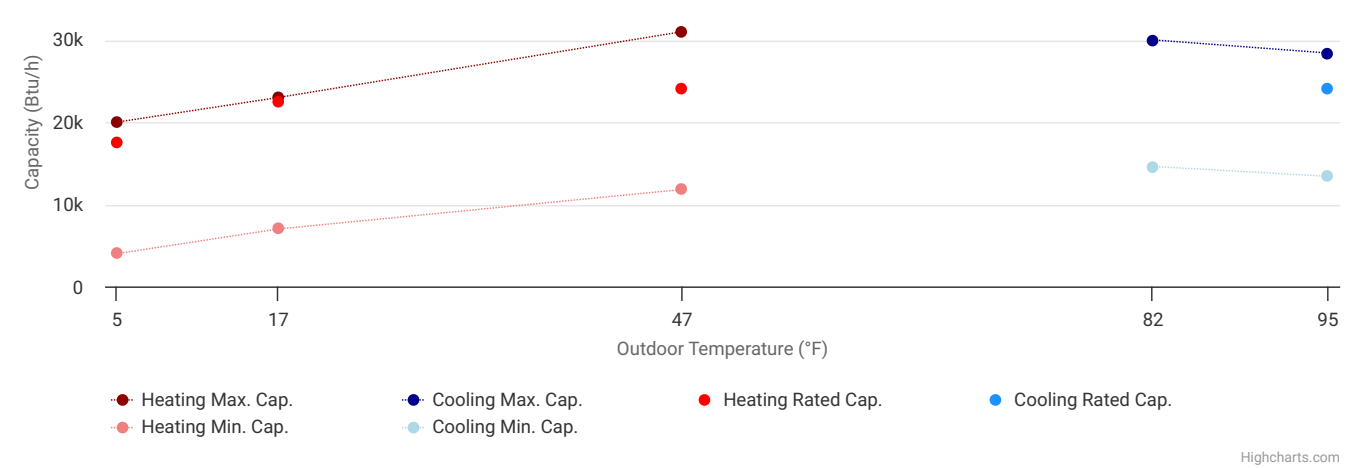
Brand	BOSCH
Series	Inverter Ducted Split Family (IDS)
Ducting Configuration	Singlezone Ducted, Centrally Ducted
AHRI Certificate #	207658522
Outdoor Unit Model #	BOVB-36HDN1-M20G
Indoor Model #	BVA-24WN1-M20
Indoor Unit Type	
Furnace Model #	
EER	14
SEER	20.5
HSPF (Region IV)	10.5
EER2	13
SEER2	20
HSPF2 (Region IV)	9.5
HSPF2 (Region V)	7.12
ENERGY STAR V6.1	✓
ENERGY STAR V6.1 Cold Climate	✓
ENERGY STAR V5.0	
Capacity Maintenance (Rated 17°F/Rated 47°F)	93%
Capacity Maintenance (Rated 5°F/Rated 47°F)	73%
Capacity Maintenance (Max 5°F/Rated 47°F)	83%
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	13,400	24,000	28,400
			kW	0.9	1.71	2.35
			COP	4.36	4.11	3.54
Cooling	82°F	80°F	Btu/h	14,600	-	30,000
			kW	0.68	-	2.01
			COP	6.29	-	4.37
Heating	47°F	70°F	Btu/h	11,800	24,000	31,000
			kW	0.87	1.76	2.74
			COP	3.97	4	3.32
Heating	17°F	70°F	Btu/h	7,000	22,400	23,000
			kW	0.86	2.59	2.59
			COP	2.39	2.53	2.6
Heating	5°F	70°F	Btu/h	4,000	17,600	20,000
			kW	0.85	2.58	2.34
			COP	1.38	2	2.5

Heating/Cooling Capacity Graph





Pan Heater

Type	Integrated
Input Power (W)	
Operation	

Additional Heat Pump Images

Related Products