

SPECIFICATIONS SUMMARY

	Feature	Cabinet Size	Data [Ⓞ]
Basic Unit Capabilities	Model Size (Nominal Tons)	B	7, 10, 13, 15, 20
		C	15, 20, 26, 30
		D	30, 40, 52, 60 [Ⓞ]
	Airflow Range (CFM)	B	1,100-6,000 [Ⓞ]
C		3,000-10,500 [Ⓞ]	
D		4,000-18,000 [Ⓞ]	
Voltages Available (60Hz)	B, C, D	208V/3ph, 230V/3ph, 460V/3ph, 575V/3ph	
Controls	Controls System	B, C, D	Modine Controls System featuring Carel
	Control Hardware	B, C, D	Carel pC05+
	Optional Communications	B, C, D	BACNet® MS/TP or Ethernet, LonWorks® FTT-10
Cooling System	Compressor	B - 7 Ton	Modulating Single Digital Scroll
		B & C - 10 through 30 Ton	Modulating Tandem Digital - On/Off Scroll
		D	Modulating Tandem Digital - On/Off Scroll + Modulating Tandem On/Off - On/Off Scroll
	Modulating Range	B - 7 Ton	25-100%
		B & C - 10 through 30 Ton	12.5-100%
		D	6.25-100%
	Evaporator Coil	B & C	High Capacity 4 Row, 14 FPI
Condenser Coil	D	High Capacity 6 Row, 14 FPI	
Condenser Fan Motor Control	B, C, D	PF™ Aluminum Microchannel from Modine	
Condenser Fan Motor Control	B, C, D	Variable Speed for Precise Head Pressure Control	
IEER Part Load Efficiency	B, C, D	Meets or Exceeds ASHRAE 90.1 and 189.1	
Hot Gas Reheat (Optional)	Hot Gas Reheat Coil	B & C	1 Row, 2-Circuit (patent pending), 14 FPI
		D	1 Row, 1-Circuit, 14 FPI
	Modulating Range	B, C, D	0-100%
Heating Section (Optional)	Natural Gas Heat Options (Efficiency)	B	150 - 400MBH (81%), 175 - 310MBH (94%)
		C	300 - 600MBH (81%), 350 - 450MBH (90%)
		D	400 - 1,600MBH (81%), 450 - 1,420MBH (86-94%)
	Heat Exchanger Type	B, C, D	Tubular 409 Stainless Steel with Inshot Burners
	Natural Gas Modulation Range	B	20 to 100%
		C	15 to 100%
		D	5 to 100%
	Optional Auxiliary Electric	B & C	20kW SCR Controlled
	Maximum Temp Rise	D	40kW SCR Controlled
	Electric Heat Options	B & C	100°F
B		20 through 80kW	
C		20 through 100kW	
Electric Modulation Range	D	40 through 200kW	
	B, C, D	Full SCR Modulating	
	B, C, D	100°F	
Supply Blower	Blower Type	B & C	High Efficiency, Backward Inclined, Airfoil and Non-Airfoil Plenum Fans
	Blower Qty	B	1
		C & D	1 or 2
	Blower Sizes (Diameter)	B	11", 12", 14", 16"
		C	16", 20", Dual 16"
		D	20", 25", Dual 25"
Blower Motor Range	B & C	1 - 10HP, ODP and TE NEMA Premium Efficiency	
	D	1 - 20HP, ODP and TE NEMA Premium Efficiency	
Filtration	Primary Filter Ratings	B, C, D	2" MERV 10, 13 or 15
	Optional Secondary Filter Ratings	B, C, D	4" MERV 13 or 16
Power Exhaust Blower (Optional)	Blower Type	B & C	High Efficiency, Backward Inclined, Airfoil and Non-Airfoil Plenum Fans
		D	Not Applicable
	Blower Qty	B & C	1
	Blower Sizes (Diameter)	B	11", 16", 20"
C		20" or 28"	
Energy Recovery (Optional)	Wheel Type	B & C	Total Energy Recovery, 4Å Zeolite over Aluminum
		D	Not Applicable
	Wheel Effectiveness	B & C	Minimum 60% to Meet ASHRAE 189.1
Wheel Sizes (Diameter)	B	28", 36" or 48"	
	C	48" or 58"	

① As Modine Manufacturing Company has a continuous product improvement program, it reserves the right to change design and specifications without notice.

② Design conditions and/or application may limit the airflow to less than the maximum airflow shown.