



Copeland Model 8D & 8R Physical & Electrical Specifications

MODEL	8RP5000	8RS6000	8DP5000	8DS6000	
CAPACITY CONTROL	TWO	TWO	TWO	TWO	
NET OIL PRESSURE	20-60	20-60	20-60	20-60	
CYLINDERS	8	8	8	8	
BORE	2-11/16	2-15/16	2-11/16	2-15/16	
STROKE	2-11/32	2-11/32	2-11/32	2-11/32	
DISPLACEMENT CFH	6429	7609	6429	7609	
OIL GRADE	150	150	150	150	
OIL CHARGE OZ.	260	260	260	260	
NET WEIGHT	660	715	730	730	
RATED BTUH @ SST LISTED X 1000	R12 45°F				
	R12 0°F				
	R12 -20°F			565.7	644.2
	R22 45°F	527.0	577.0	197.5	221.5
	R22 25°F				
	R502 -20°F				
MOTOR SIZE HP	50	60	50	60	
ELECTRICAL DATA					
208-230 -3- 60	LRA	1118.0	1070.0	1070.0	1070.0
	RLA	191.1	219.0	180.0	224.0
	MCC	267.0	306.0	252.0	314.0
460 -3- 60	LRA	559.0	553.0	535.0	535.0
	RLA	96.0	109.0	90.0	112.0
	MCC	134.0	153.0	126.0	157.0
575 -3- 60	LRA			405.0	405.0
	RLA			75.0	80.0
	MCC			105.0	112.0

Conditions: 130° Condensing Temperature, 0° Subcooling, 65° RGT,