

searle

MANUFACTURING COMPANY

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Version : 9604

Date : 02-Oct-1996

CONDENSER SPECIFICATION

REQUESTED
 Refrigerant..... R12 T.H.R (Each).....kW 465
 Noise level @ 10m 60 db(A) Condensing Temp.....°C 38
 Angle from Horiz.....0 DEG. Ambient Temp.....°C 26.0
 Altitude.....Sea Level Temp difference.....°C 12

 SELECTION to obtain requested T.H.R

Model.....	MDR245-8D (70)
T.H.R (Condensing).....kW	465
Subcooling Duty.....kW	N/A
Refrigerant charge.....kg	85.2
Surface Area.....m ²	1274
Air Volume.....m ³ /s	46
Condensing Temp.....°C	37.3
Temperature difference.....°C	11.3
Number of Sections.....	2
Connections.....	Same End
Inlet connection size.....ins.OD	2 x 3.125
Outlet connection size.....ins.OD	2 x 2.125
Nominal Motor Speed.....RPM	650
Motor voltage.....Volts	230
Motors suitable for.....	3 Phase
Number of Fans/Motors.....	10
Starting current.....A	18.0 per motor
Full load current.....A	6.8 per motor
Noise level.....dB(A)	60 Pa 10m.
Orientation.....	HORIZONTAL
Tube/Fin material.....	CU/AL
Overall Length.....mm	6308
Overall Width.....mm	2301
Overall Height.....mm	1250
Nominal Dry Weight.....kg	1760



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