

A large, stylized white letter 'D' is centered on a red background. The 'D' is composed of a thick white outline and a solid white interior. The background is a solid red color, with the 'D' shape cut out of it.

eliteSeries Split System AC

Specifications 2018/19

Model No.		DCES09	DCES12	DCES18	DCES24	DCES28
Rated cooling capacity	kW	2.5	3.5	5	7	7.8
Rated heating capacity	kW	2.5	3.5	5	7	8
AEER	W/W	4.43	4.1	3.28	3.42	3.31
ACOP	W/W	4.33	4.19	3.54	3.58	3.39
Energy star for cooling	-	4	3.5	2	2	2
Energy star for heating	-	4	3.5	2.5	2.5	2
Moisture removal	L/h	0.8	1.1	2	2.4	2.8
Outdoor Operating Range Limitations - cooling	°C	-7°C - 52°C	-7°C - 52°C	-7°C - 52°C	-7°C - 52°C	-7°C - 52°C
Outdoor Operating Range Limitations - heating	°C	-15°C - 24°C	-15°C - 24°C	-15°C - 24°C	-15°C - 24°C	-15°C - 24°C
Indoor Operating Temperature Range	°C	16°C - 31°C	16°C - 31°C	16°C - 31°C	16°C - 31°C	16°C - 31°C
Noise level	Indoor dB(A)	24-42	28-45	28-46	32-52	32-52
	Outdoor dB(A)	52	52	56	58	57
Electrical Data						
Power supply	V -/HZ	220-240V -50Hz				
Running current	Cooling (A)	3.6 (1.3-6.5)	3.8(1.3-5.3)	6.6(1.4-10.3)	8.9(1.9-13.5)	10.2(2.6-14.9)
	Heating (A)	3.6 (1.3-7.0)	3.7(1.3-7.6)	6.2(1.4-10.9)	8.5(1.7-14.5)	10.3(3.1-17.6)
Power input	Cooling (W)	590(290 1300)	870(290 1150)	1510(300-2300)	2050(400-2800)	2340(540-3100)
	Heating (W)	590(290 1500)	850(290 1400)	1420(300-2450)	1950(350-2900)	2350(640-3650)
Max current cooling/heating	A	6.5/7.0	5.3/7.6	10.3/10.9	13.5/14.5	14.9/17.6
Max input cooling/heating	W	1300/1500	1150/1400	2300/2450	2800/2900	3100/3650
Refrigerating System						
Refrigerant	R410A Volume (kg)	1	1.08	1.2	2	2.65
Compressor	Type	Rotary	Rotary	Rotary	Rotary	Rotary
Fan System						
Indoor air circulation cooling/heating	m3/h	550/550	900/930	900/930	1330/1430	1330/1430
Indoor fan speed H/M/L	Cooling rpm	1000/800/700	1250/1050/800	1250/1050/800	1050/950/800	1050/950/800
	Heating rpm	1000/900/800	1250/1050/900	1250/1050/900	1150/1050/850	1150/1050/850
	Dry rpm	700	800	800	800	800
	Sleep rpm	700	800	800	800	800
Indoor fan motor output	W	18	40	40	45	45
Outdoor fan speed	rpm	830/750/650	840/800/660	860/750/600	860/750/600	800/750/600
Outdoor fan motor output	W	33	33	40	85	85

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Connections						
Connecting pipe	Gas (inches)	3/8"	3/8"	1/2"	5/8"	5/8"
	Liquid (inches)	1/4"	1/4"	1/4"	1/4"	3/8"
Dimensions						
Net dimensions (W x H x D)	Indoor (mm)	814 x 306 x 210	972 x 310 x 225	972 x 310 x 225	1095 x 327 x 235	1095 x 327 x 235
	Outdoor (mm)	760 x 551 x 256	760 x 551 x 256	780 x 605 x 290	900 x 805 x 360	900 x 805 x 360
Net weight	Indoor (kg)	9	12	12	15	15
	Outdoor (kg)	28	29	36	60	64
Warranty	Domestic Use	5 years	5 years	5 years	5 years	5 years
	Commercial Use	1 year	1 year	1 year	1 year	1 year

Notes:

- By law and as outlined by the Australian Refrigeration Council Ltd, only a licensed Room Air Conditioner Installer is allowed to install split system models.
- In accordance with the Dimplex Warranty, Dimplex is not liable if the unit is damaged due to incomplete or improper installation.
- For full definitions of Domestic & Commercial use, along with other conditions and exclusions, please refer to www.dimplex.com.au
- Due to ongoing product development, specifications are subject to change without prior notice.