

# SPECIFICATIONS



## LARGE DUCTED SPLIT R410A SINGLE CONDENSING UNITS

Evaporator Model No.		LDE20	LDE25	LDE30	LDE35	LDE44	
Total Cooling Capacity	kW	18.9	25.7	29.5	32.6	44.7	
	Btu/h	64487	87688	100654	111231	152516	
Sensible Cooling Capacity	kW	14.9	19.7	23.3	27.2	34.8	
	Btu/h	50839	67216	79500	93024	118738	
Total Heating Capacity	kW	20.3	28.1	31.4	34.1	47.2	
	Btu/h	69264	95877	107137	116349	161046	
Fan Type		3 Speed Direct Drive				Belt Drive Motor	
Fan Model No.		KDF.2.2B / 250	KDF2.25RD	KDF2.5IIRD	KDF2.5IIRD	SYT12-9L2	
Power Supply		220 V / 1 PH / 50 Hz				380 V / 3 PH / 50 Hz	
Fan Motor Model No.		YSK-550w-4P	YSK-370w-4P	YSK-550w-4P	YSK-550w-4P	Y100L1-4 (2.2kW-4)	
Fan Motor Quantity		1	2	2	2	1	
Fan Motor Starting Current		A	18	12	18	21.4	
Fan Motor Running Current		A	4.5	3	4.5	4.3	
Fan Motor Output Power / Pole		kW / Pole	0.55kW-4P	0.75kW-4P x 2	1.1kW-4P x 2	1.1kW-4P x 2	2.2kW-4P
Airflow		l/s	1111	1305	1600	2000	2300
External Static Pressure		Pa	150	200	200	250	250
Drain Connection		inch	3/4"				
Unit Dimension	H x W x D	mm	400 x 1600 x 670	485 x 1650 x 720	485 x 1900 x 720	485 x 2100 x 720	720 x 1700 x 1050
Supply Air Dimension	H x W	mm	200 x 950	221 x 882	262 x 1000	262 x 1000	341 x 862
Return Air Dimension	H x W	mm	320 x 1350	373.1 x 1450	373.1 x 1700	373.1 x 1900	588.1 x 1500
Nett Weight		kg	90	160	180	200	210
Condenser Model No.		LDC20	LDC25	LDC30	LDC35	LDC44	
Quantity		1	1	1	1	1	
Power Supply		380 V / 3 PH / 50 Hz					
Pipe Size	Liquid - inch	1/2"	5/8"	7/8"	7/8"	7/8"	
	Gas - inch	3/4"	7/8"	1 1/8"	1 1/8"	1 1/8"	
Refrigerant Charge		kg	4.8	7.2	9.8	14.5	
Refrigerant Control Type		Capillary		Expansion Valve			
Fan Type		Axial - Direct Drive					
Fan Model No.		Ø450	ODS610D-175B4.6D.V-01	ODS660D-165B4.6D.V-01	ODS660D-165B4.6D.V-01	TFE760J-105B7.6D.V-01	
Fan Quantity		2	1	1	1	1	
Fan Diameter		2 x Ø450	Ø610	Ø660	Ø660	Ø760	
Fan Motor Model No.		KDHK-0.060kW	YFK80X-6-0.37kW	YFK80X-6-0.55kW	YFK80X-6-0.55kW	YFK112X-6-1.8kW	
Fan Motor Quantity		2	1	1	1	1	
Fan Motor Starting Current		A	2.1	8.4	11.9	31.5	
Fan Motor Running Current		A	0.3	1.2	1.7	4.5	
Fan Motor Output Power		kW	0.060 x 2	0.37	0.55	1.8	
Compressor Type		Scroll Compressor					
Compressor Make		SANYO	SANYO	SANYO	SANYO	COPELAND	
Compressor Model No.		C-SBN523H8D	C-SCP315H38A	C-SCP360H38A	C-SCP400H38A	VP182KSE-TFP	
Compressor Starting Current		A	63	96	96	174	
Compressor Running Current		A	11.6	14.9	16.9	25.7	
Compressor Output Power		kW	6.75	8.6	9.9	13.3	
Unit Dimension	H x W x D	mm	1230 x 950 x 340	1070 x 770 x 770	1144 x 870 x 870	1144 x 870 x 870	1180 x 900 x 900
Nett Weight		kg	122	210	270	270	320

