

DUCTED SPLIT - ADB75-300 B/BR

HEAT PUMP MODELS		INDOOR	ADB75BR	ADB100BR	ADB125CR	-	ADB150BR2	ADB200BR2	ADB250BR2	ADB300BR3
		OUTDOOR	AMC75CR	AMC100BR	AMC125BR	-	AMC075CR x 2	AMC100BR x 2	AMC125BR x 2	AMC100BR x 3
NOMINAL HEATING CAPACITY		kcal/h	18,650	24,899	30,242	-	37,298	49,798	60,484	74,698
		W	21,688	28,957	35,170	-	43,376	57,913	70,340	86,870
NOMINAL COOLING CAPACITY		kcal/h	74,000	98,800	120,000	-	148,000	197,600	240,000	296,400
		W	21,688	28,300	29,234	-	37,298	48,669	58,468	73,004
RATED TOTAL POWER CONSUMPTION (HEATING)		W	7,330	9,622	12,916	-	14,630	20,240	26,202	30,250
RATED TOTAL POWER CONSUMPTION (COOLING)		W	8,093	11,122	15,450	-	16,156	23,230	31,270	34,750
RATED RUNNING CURRENT (HEATING)		A	14.21	17.12	23.05	-	26.04	36.60	50.4	61.1
RATED RUNNING CURRENT (COOLING)		A	15.11	18.82	26.05	-	30.84	40.00	56.4	66.2
COOLING ONLY MODELS		INDOOR	ADB75C	ADB100B	ADB125C	ADB150B1	ADB150B2	ADB200B2	ADB250B2	ADB300B3
		OUTDOOR	AMC75C	AMC100B	AMC125B	AMC150C	AMC75C x 2	AMC100B x 2	AMC125B x 2	AMC100B x 3
NOMINAL COOLING CAPACITY		kcal/h	18,900	25,200	31,500	37,800	37,800	50,400	63,000	75,600
		W	21,975	29,300	36,625	43,950	43,950	58,600	73,250	87,925
RATED TOTAL POWER CONSUMPTION (COOLING)		W	75,000	100,000	125,000	150,000	150,000	200,000	250,000	300,000
RATED RUNNING CURRENT (COOLING)		W	8,190	10,572	11,940	18,130	16,610	22,130	25,050	33,100
		A	15.93	19.72	22.72	31.24	32.93	42.95	46.66	63.20
REFRIGERANT TYPE			R22							
FIN MATERIAL			ALUMINUM							
TUBE MATERIAL			SEAMLESS COPPER							
PIPE CONNECTION			BRAZING							
PIPE SIZE		LIQUID	12.70 (1/2)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	12.70 (1/2)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
		GAS	25.40 (1)	28.58 (1 1/8)	31.75 (1 3/8)-C 34.92 (1 3/8)-H	34.92 (1 3/8)	25.40 (1)	25.88 (1 1/8)	31.75 (1 3/8)-C 34.92 (1 3/8)-H	28.58 (1 1/8)
INDOOR		V/Ph/Hz	2,500/70.82	220-240/1.50	4,200/118.98	4,600/130.31	4,600/130.31	380-415/3.50	8,000/226.6	9,000/255.0
NOMINAL AIR FLOW		cfm/Aq	10.16	10.16	15.24	15.24	15.24	15.24	20.32	20.32
STATIC PRESSURE		m2/ft2	0.54/5.82	0.54/5.82	0.79/8.60	1.00/10.82	1.00/10.82	1.20/12.92	1.48/16.01	1.62/17.50
FACE AREA		mm ² /in	572/22.5	572/22.5	736/29.0	885/34.8	885/34.8	945/37.2	1,291/50.8	1,291/50.8
DIMENSION		mm/in	1,502/59.1	1,502/59.1	1,640/64.6	1,640/64.6	1,640/64.6	1,894/74.6	1,866/73.5	1,866/73.5
WIDTH		mm/in	761/30.0	761/30.0	965/38.0	1,040/40.9	1,040/40.9	980/38.6	1,199/47.2	1,199/47.2
DEPTH		mm/in	96	100	174	145	145	180	250	270
WEIGHT		kg	96	100	174	145	145	180	250	270
CONTROL		ROOM TEMPERATURE OPERATION	MICROCOMPUTER CONTROLLED THERMOSTAT							
CONDENSATE DRAIN SIZE		mm/in	25.4/1							
AIR FILTER		mm/in	WASHABLE SARAN NET							
PACKING DIMENSION		HEIGHT	749/29.5	749/29.5	749/29.5	1,143/45.0	1,143/45.0	1,143/45.0	1,524/60.0	1,524/60.0
		WIDTH	1,638/64.5	1,638/64.5	1,803/71.0	1,803/71.0	1,803/71.0	2,070/81.5	2,057/81.0	2,057/81.0
		DEPTH	889/35	889/35	1,207/47.5	1,207/47.5	1,207/47.5	1,207/47.5	1,435/56.5	1,435/56.5
OUTDOOR		V/Ph/Hz	380-415/3.60							
POWER SOURCE			SCROLL (COOLING); RECIPROCATING (HEAT PUMP)							
COMPRESSOR TYPE			9.1 x 2							
LOCK ROTOR AMP.		A	91.1	104.0	135.0	125.0	104.0 x 2	104.0 x 2	135.0 x 2	104.0 x 3
PROTECTION DEVICE			OVERLOAD PROTECTION WITH HI/LO PRESSURE SWITCH							
FAN TYPE/DRIVE			PROPPELLER/DIRECT							
BLADE MATERIAL			ALUMINUM							
DIMENSION		HEIGHT	946/37.2	946/37.2	946/37.2	1,041/41.0	946/37.2	946/37.2	946/37.2	946/37.2
		WIDTH	1,300/51.2	1,116/43.9	1,116/43.9	1,116/43.9	1,300/51.2	1,116/43.9	1,116/43.9	1,116/43.9
		DEPTH	500/19.7	939/37.0	939/37.0	939/37.0	500/19.7	939/37.0	939/37.0	939/37.0
WEIGHT		kg	163	193	224	224	163 x 2	193 x 2	224 x 2	193 x 3
CASTING		MATERIAL	ELECTROLYTICALLY POLISHED COPPER							
		FINISHING	EPoxy POLYESTER POWDER							
PACKING DIMENSION		HEIGHT	1,118/44.0	1,118/44.0	1,118/44.0	1,210/48.0	1,118/44.0	1,118/44.0	1,118/44.0	1,118/44.0
		WIDTH	1,435/56.5	1,308/51.5	1,308/51.5	1,308/51.5	1,435/56.5	1,308/51.5	1,308/51.5	1,308/51.5
		DEPTH	686/27.0	1,130/44.5	1,130/44.5	1,130/44.5	686/27.0	1,130/44.5	1,130/44.5	1,130/44.5

DUCTED SPLIT - ADB350-750 B/BR

HEAT PUMP MODELS	INDOOR		ADB350BR3		ADB400BR4		ADB500BR4		ADB750B5	
	OUTDOOR	AMC100BR/AMC125BR x 2	AMC100BR x 4	AMC125BR x 4	AMC100BR x 4	AMC125BR x 4	AMC100BR x 4	AMC125BR x 4	AMC150C x 4	AMC150C x 5
NOMINAL HEATING CAPACITY	kcal/h	84,819	99,597	120,968	-	-	-	-	-	-
	W	96,640	115,866	140,680	-	-	-	-	-	-
	Btu/h	336,560	395,200	480,000	-	-	-	-	-	-
NOMINAL COOLING CAPACITY	kcal/h	83,367	97,339	116,935	-	-	-	-	-	-
	W	96,952	113,200	135,991	-	-	-	-	-	-
	Btu/h	330,800	386,240	464,000	-	-	-	-	-	-
RATED TOTAL POWER CONSUMPTION (HEATING)	W	36,092	39,835	53,699	-	-	-	-	-	-
RATED TOTAL POWER CONSUMPTION (COOLING)	W	42,660	45,835	63,835	-	-	-	-	-	-
RATED RUNNING CURRENT (HEATING)	A	68.3	71.9	102.9	-	-	-	-	-	-
RATED RUNNING CURRENT (COOLING)	A	76.0	78.7	114.9	-	-	-	-	-	-
COOLING ONLY MODELS										
	INDOOR	ADB350B3	ADB400B4	ADB500B4	ADB750B5					
	OUTDOOR	AMC100B/AMC125B x 2	AMC100B x 4	AMC125B x 4	AMC150C x 4	AMC150C x 5				
NOMINAL COOLING CAPACITY	kcal/h	88,200	100,800	126,000	151,200	180,000				
	W	102,550	117,200	146,500	175,800	219,750				
	Btu/h	350,000	400,000	500,000	600,000	750,000				
RATED TOTAL POWER CONSUMPTION (COOLING)	W	35,800	43,635	51,395	75,200	94,183				
RATED RUNNING CURRENT (COOLING)	A	67.96	84.5	98.02	132.10	167.35				
REFRIGERANT TYPE		R22								
FIN MATERIAL		ALUMINIUM								
TUBE MATERIAL		SEAMLESS COPPER								
PIPE CONNECTION		BRAZING								
PIPE SIZE	mm(in)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
	mm(in)	28.58 (11/8)/31.75 (11/4)-C	28.58 (11/8)	28.58 (11/8)	28.58 (11/8)	28.58 (11/8)	28.58 (11/8)	28.58 (11/8)	28.58 (11/8)	28.58 (11/8)
		34.92 (13/8)-H	34.92 (13/8)-H	34.92 (13/8)-H	34.92 (13/8)-H	34.92 (13/8)-H	34.92 (13/8)-H	34.92 (13/8)-H	34.92 (13/8)-H	34.92 (13/8)-H
INDOOR										
POWER SOURCE	V/Ph/Hz	10,500/237.5	12,000/239.9	15,000/242.9	18,000/250.9	22,500/267.4				
NOMINAL AIR FLOW	cfm/cmm	20.32	20.32	25.4	30.48	35.56				
STATIC PRESSURE	mm Aq	2.38/25.62	2.38/25.62	2.55/27.5	3.37/36.3	3.97/42.7				
FACE AREA	m ² /ft ²	1.546/60.9	1.546/60.9	1.546/60.9	1.977/77.8	2.257/88.9				
DIMENSION	mm/in	2,122/83.5	2,274/89.5	2,274/89.5	2,274/89.5	2,274/89.5				
WIDTH	mm/in	1,199/47.2	1,466/57.7	1,466/57.7	1,905/75.0	1,905/75.0				
DEPTH	mm/in	320	330	350	999	1,084				
WEIGHT	kg									
ROOM TEMPERATURE CONTROL		MICROCOMPUTER CONTROLLED THERMOSTAT								
CONDENSATE DRAIN SIZE	mm/in	25-4/1								
AIR FILTER		FIELD SUPPLY								
PACKING DIMENSION	mm/in	1,791/70.5	1,791/70.5	1,791/70.5	2,124/83.6	2,403/94.6				
HEIGHT	mm/in	2,262/89.5	2,477/97.5	2,477/97.5	2,899/94.4	2,899/94.4				
WIDTH	mm/in	1,439/56.5	1,715/67.5	1,715/67.5	2,005/78.9	2,005/78.9				
DEPTH	mm/in									
OUTDOOR										
POWER SOURCE	V/Ph/Hz	380-415/3/50								
COMPRESSOR TYPE		SCROLL(COOLING); RECIPROCATING (HEAT PUMP)								
LOCK ROTOR AMP.	A	104.0/135.0 x 2	104.0 x 4	135.0 x 4	125.0 x 4	125.0 x 5				
PROTECTION DEVICE		OVERLOAD PROTECTION WITH HI/LO PRESSURE SWITCH								
FAN TYPE/DRIVE		PROPELLER/DIRECT								
BLADE MATERIAL		ALUMINIUM								
DIMENSION	mm/in	946/37.2 / 946/37.2	946/37.2	946/37.5	1,041/41.0	1,041/41.0				
WIDTH	mm/in	1,116/43.9 / 1,116/43.9	1,116/43.9	1,116/43.9	1,116/43.9	1,116/43.9				
DEPTH	mm/in	939/37.0 / 939/37.0	939/37.0	939/37.0	939/37.0	939/36.7				
WEIGHT	kg	193/224 x 2	193 x 4	224 x 4	258 x 4	258 x 5				
CASING		ELECTRO GALVANISED MILD STEEL								
FINISHING		EPOXY PULVETESTER POWDER								
HEIGHT	mm/in	1,118/44.00 / 1,118/44.0	1,118/44.0	1,118/44.0	1,219/48.0	1,219/48.0				
WIDTH	mm/in	1,308/51.5 / 1,308/51.5	1,308/51.5	1,308/51.5	1,308/51.5	1,308/51.5				
DEPTH	mm/in	1,130/44.5 / 1,130/44.5	1,130/44.5	1,130/44.5	1,130/44.5	1,130/44.5				