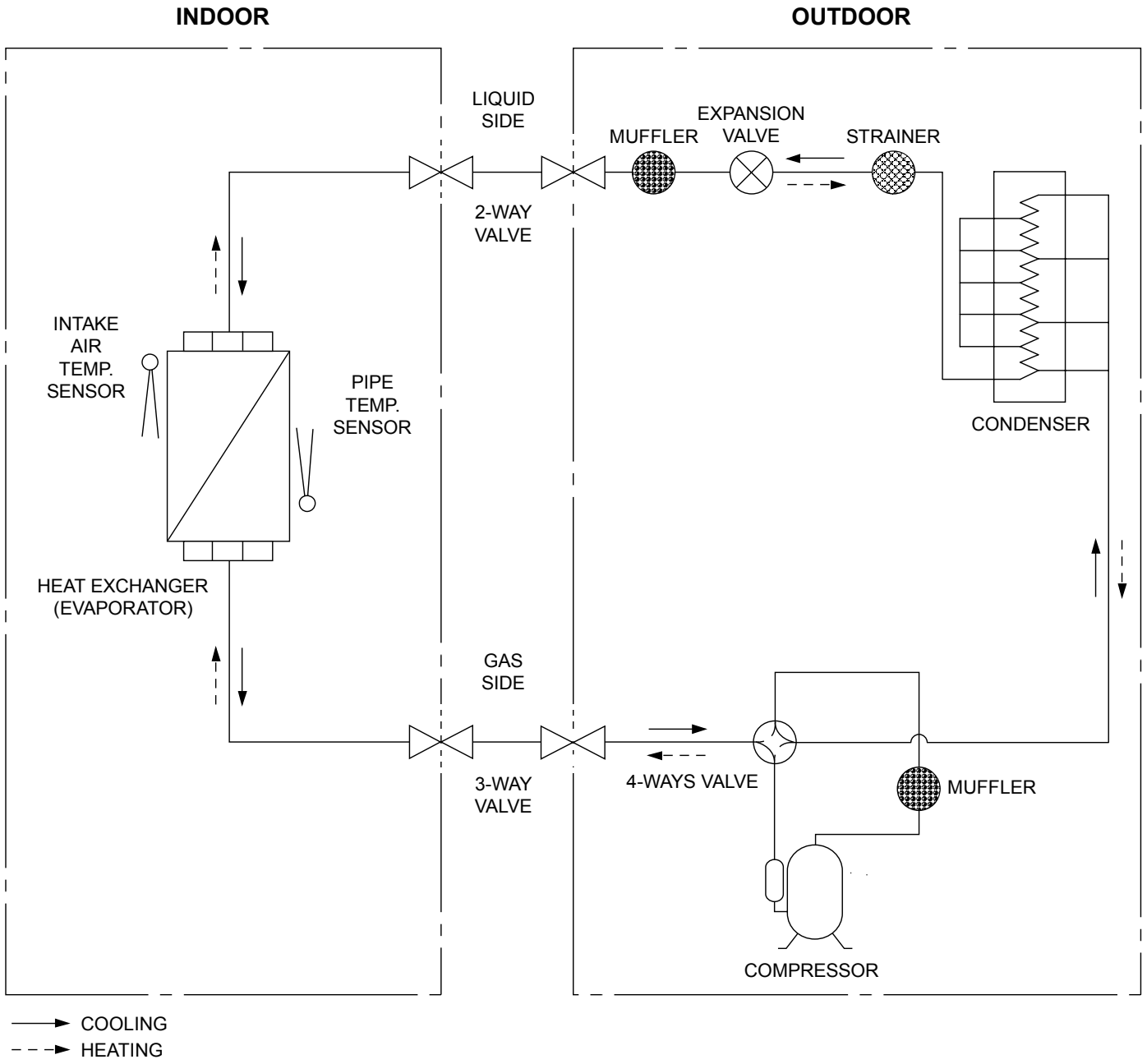


6. Refrigeration Cycle Diagram

6.1 CU-E7PKE CU-E9PKE CU-E12PKE CU-E15PKE



Model			Indoor	CS-E12PKEW, CS-XE12PKEW	CS-E15PKEW, CS-XE15PKEW	
			Outdoor	CU-E12PKE	CU-E15PKE	
Compressor	Type			Hermetic Motor (Rotary)	Hermetic Motor (Rotary)	
	Motor Type			Brushless (6 poles)	Brushless (6 poles)	
	Output Power		W	700	700	
Indoor Fan	Type			Cross-Flow Fan	Cross-Flow Fan	
	Material			ASG33	ASG33	
	Motor Type			DC / Transistor (8-poles)	DC / Transistor (8-poles)	
	Input Power		W	44.9	44.9	
	Output Power		W	40	40	
	Speed	QLo	Cool	rpm	570	660
			Heat	rpm	630	800
		Lo	Cool	rpm	710	760
			Heat	rpm	940	980
		Me	Cool	rpm	910	960
			Heat	rpm	1070	1110
		Hi	Cool	rpm	1110	1150
			Heat	rpm	1190	1230
	SHi	Cool	rpm	1170	1190	
Heat		rpm	1220	1270		
Outdoor Fan	Type			Propeller Fan	Propeller Fan	
	Material			PP	PP	
	Motor Type			DC (8-poles)	DC (8-poles)	
	Input Power		W	-	-	
	Output Power		W	40	40	
	Speed	Hi	Cool	rpm	900	900
Heat			rpm	910	910	
Moisture Removal			L/h (Pt/h)	2.0 (4.2)	2.4 (5.1)	
Indoor Airflow	QLo	Cool	m ³ /min (ft ³ /min)	6.71 (237)	850 (300)	
		Heat	m ³ /min (ft ³ /min)	7.54 (266)	9.87 (348)	
	Lo	Cool	m ³ /min (ft ³ /min)	8.63 (305)	9.59 (339)	
		Heat	m ³ /min (ft ³ /min)	11.79 (416)	12.34 (436)	
	Me	Cool	m ³ /min (ft ³ /min)	11.38 (402)	12.06 (426)	
		Heat	m ³ /min (ft ³ /min)	13.44 (475)	13.98 (494)	
	Hi	Cool	m ³ /min (ft ³ /min)	13.9 (490)	14.1 (500)	
		Heat	m ³ /min (ft ³ /min)	14.3 (505)	15.0 (530)	
	SHi	Cool	m ³ /min (ft ³ /min)	14.95 (528)	15.22 (537)	
		Heat	m ³ /min (ft ³ /min)	15.63 (552)	16.32 (576)	
Outdoor Airflow	Hi	Cool	m ³ /min (ft ³ /min)	33.3 (1175)	33.3 (1175)	
		Heat	m ³ /min (ft ³ /min)	33.3 (1175)	33.3 (1175)	
Refrigeration Cycle	Control Device			Check Valve & Capillary Tube	Check Valve & Capillary Tube	
	Refrigerant Oil		cm ³	FV50S (320)	FV50S (320)	
	Refrigerant Type		g (oz)	R410A, 1.05k (37.1)	R410A, 1.02k (36.0)	
Dimension	Height (I/D / O/D)		mm (inch)	295 (11-5/8) / 619 (24-3/8)	295 (11-5/8) / 619 (24-3/8)	
	Width (I/D / O/D)		mm (inch)	870 (34-9/32) / 824 (32-15/32)	870 (34-9/32) / 824 (32-15/32)	
	Depth (I/D / O/D)		mm (inch)	255 (10-1/16) / 299 (11-25/32)	255 (10-1/16) / 299 (11-25/32)	
Weight	Net (I/D / O/D)		kg (lb)	10 (22) / 34 (75)	10 (22) / 33 (73)	