

R32 REFRIGERANT PIPE LIMITS AND GAS CHARGING INFORMATION

	SAP CODE	Model	Connction Size		One Way Pipe Run		Refrigerant				
			Liquid Ins (mm)	Suction Ins (mm)	Minimum m	Maximum m	Type	Charge kg	Precharged Length m	Additional Charge g/m	Maximum Charge kg
RAC STANDARD	626051	DXC09Z6-W	1/4" (6.25)	3/8" (9.52)	-	15	R32	0.55	10	20	0.65
	626053	DXC12Z6-W	1/4" (6.25)	3/8" (9.52)	-	15	R32	0.68	15	n/a	0.68
	-	DXC15Z6-W	1/4" (6.25)	1/2" (12.5)	-	25	R32	1.10	15	20	1.30
	626021	SRC25ZSP-W	1/4" (6.25)	3/8" (9.52)	-	15	R32	0.55	10	20	0.65
	626023	SRC35ZSP-W	1/4" (6.25)	3/8" (9.52)	-	15	R32	0.68	15	n/a	0.68
	626025	SRC45ZSP-W	1/4" (6.25)	1/2" (12.5)	-	25	R32	1.10	15	20	1.30
RAC PREMIUM	626016	SRC20ZS-W	1/4" (6.25)	3/8" (9.52)	-	20	R32	0.62	15	20	0.72
	-	SRC20ZS-W1	1/4" (6.25)	3/8" (9.52)	-	20	R32	0.62	15	20	0.72
	626017	SRC25ZS-W	1/4" (6.25)	3/8" (9.52)	-	20	R32	0.62	15	20	0.72
	626040	SRC25ZS-W1	1/4" (6.25)	3/8" (9.52)	-	20	R32	0.62	15	20	0.72
	626042	SRC25ZS-W2	1/4" (6.25)	3/8" (9.52)	-	20	R32	0.62	15	20	0.72
	626018	SRC35ZS-W	1/4" (6.25)	3/8" (9.52)	-	20	R32	0.78	15	20	0.88
	626041	SRC35ZS-W1	1/4" (6.25)	3/8" (9.52)	-	20	R32	0.78	15	20	0.88
	626043	SRC35ZS-W2	1/4" (6.25)	3/8" (9.52)	-	20	R32	0.78	15	20	0.88
	626019	SRC50ZS-W	1/4" (6.25) 3/8" (9.52)	1/2" (12.5) 1/2" (12.5)	- -	25 10	R32 R32	1.05 1.05	15 5	20 54	1.25 1.32
	-	SRC50ZS-W1	1/4" (6.25) 3/8" (9.52)	1/2" (12.5) 1/2" (12.5)	- -	25 10	R32 R32	1.05 1.05	15 5	20 54	1.25 1.32
	626027	SRC63ZR-W	1/4" (6.25) 3/8" (9.52)	1/2" (12.5) 1/2" (12.5)	- -	30 10	R32 R32	1.25 1.25	15 5	20 54	1.55 1.52
	626029	SRC71ZR-W	1/4" (6.25) 3/8" (9.52)	5/8" (15.88) 5/8" (15.88)	- -	30 12	R32 R32	1.6 1.6	15 6	25 54	1.975 1.924
	626031	SRC80ZR-W	1/4" (6.25) 3/8" (9.52)	5/8" (15.88) 5/8" (15.88)	- -	30 12	R32 R32	1.6 1.6	15 6	25 54	1.975 1.924
PAC STANDARD	627081	FDC71VNP-W	1/4" (6.25)	1/2" (12.5)	-	30	R32	1.30	15	20	1.60
			1/4" (6.25)	5/8" (15.88)	-	24	R32	1.30	12	25	1.60
			3/8" (9.52)	1/2" (12.5)	-	10	R32	1.30	5	60	1.60
			3/8" (9.52)	5/8" (15.88)	-	10	R32	1.30	5	60	1.60
	-	FDC90VNP-W	1/4" (6.25)	5/8" (15.88)	-	30	R32	1.70	15	20	2.00
			3/8" (9.52)	1/2" (12.5)	-	12	R32	1.70	6	60	2.06
627105	FDC100VNP-W	3/8" (9.52)	5/8" (15.88)	-	12	R32	1.70	6	60	2.06	
		3/8" (9.52)	1/2" (12.5)	-	12	R32	1.70	6	60	2.06	
PAC MICRO INVERTER	628071	FDC100VNA-W	3/8" (9.52)	5/8" (15.88)	-	50	R32	3.30	30	54	4.38
			3/8" (9.52)	3/4" (19.05)	-	50	R32	3.30	30	54	4.38
			1/2" (12.5)	5/8" (15.88)	-	25	R32	3.30	15	110	4.95
			1/2" (12.5)	3/4" (19.05)	-	25	R32	3.30	15	110	4.95
	628087	FDC100VSA-W	3/8" (9.52)	5/8" (15.88)	-	50	R32	3.30	30	54	4.38
			3/8" (9.52)	3/4" (19.05)	-	50	R32	3.30	30	54	4.38
			1/2" (12.5)	5/8" (15.88)	-	25	R32	3.30	15	110	4.95
	628104	FDC125VNA-W	1/2" (12.5)	3/4" (19.05)	-	25	R32	3.30	15	110	4.95
			3/8" (9.52)	5/8" (15.88)	-	50	R32	3.30	30	54	4.38
			3/8" (9.52)	3/4" (19.05)	-	50	R32	3.30	30	54	4.38
	628119	FDC125VSA-W	1/2" (12.5)	3/4" (19.05)	-	25	R32	3.30	15	110	4.95
			3/8" (9.52)	5/8" (15.88)	-	50	R32	3.30	30	54	4.38
			3/8" (9.52)	3/4" (19.05)	-	50	R32	3.30	30	54	4.38
	628135	FDC140VNA-W	1/2" (12.5)	3/4" (19.05)	-	25	R32	3.30	15	110	4.95
			3/8" (9.52)	5/8" (15.88)	-	50	R32	3.30	30	54	4.38
			3/8" (9.52)	3/4" (19.05)	-	50	R32	3.30	30	54	4.38
	628151	FDC140VSA-W	1/2" (12.5)	3/4" (19.05)	-	25	R32	3.30	15	110	4.95
			3/8" (9.52)	5/8" (15.88)	-	50	R32	3.30	30	54	4.38
			3/8" (9.52)	3/4" (19.05)	-	50	R32	3.30	30	54	4.38
	628168	FDC200VSA-W	3/8" (9.52)	7/8" (22.22)	-	35	R32	4.30	30	52	4.82
			1/2" (12.5)	1-1/8" (28.58)	-	40	R32	4.30	30	52	4.82
	628182	FDC250VSA-W	1/2" (12.5)	7/8" (22.22)	-	35	R32	5.10	30	TBC	5.65
			1/2" (12.5)	1-1/8" (28.58)	-	70	R32	5.10	30	TBC	7.95
			5/8" (15.88)	7/8" (22.22)	-	35	R32	5.10	17.5	156	7.95
5/8" (15.88)			1-1/8" (28.58)	-	35	R32	5.10	17.5	156	7.95	
628183	FDC280VSA-W	1/2" (12.5)	7/8" (22.22)	-	30	R32	5.60	30	TBC	5.60	
		1/2" (12.5)	1-1/8" (28.58)	-	60	R32	5.60	30	TBC	7.95	
		5/8" (15.88)	7/8" (22.22)	-	30	R32	5.60	15	156	7.95	
			5/8" (15.88)	1-1/8" (28.58)	-	30	R32	5.60	15	156	7.95

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RAC DIAMOND / PAC HYPER INVERTER	625955	SRC20ZSX-W	1/4" (6.25)	3/8" (9.52)	-	25	R32	1.20	15	20	1.40
	-	SRC20ZSX-W1	1/4" (6.25)	3/8" (9.52)	-	25	R32	1.20	15	20	1.40
	625960	SRC25ZSX-W	1/4" (6.25)	3/8" (9.52)	-	25	R32	1.20	15	20	1.40
	-	SRC25ZSX-W1	1/4" (6.25)	3/8" (9.52)	-	25	R32	1.20	15	20	1.40
	625965	SRC35ZSX-W	1/4" (6.25)	3/8" (9.52)	-	25	R32	1.20	15	20	1.40
	-	SRC35ZSX-W1	1/4" (6.25)	3/8" (9.52)	-	25	R32	1.20	15	20	1.40
	625966	SRC40ZSX-W	1/4" (6.25)	1/2" (12.5)	-	30	R32	1.30	15	20	1.60
			3/8" (9.52)	1/2" (12.5)	-	10	R32	1.30	5	54	1.57
	625967	SRC40ZSX-W1	1/4" (6.25)	1/2" (12.5)	-	30	R32	1.30	15	20	1.60
			3/8" (9.52)	1/2" (12.5)	-	10	R32	1.30	5	54	1.57
	625970	SRC50ZSX-W	1/4" (6.25)	1/2" (12.5)	-	30	R32	1.30	15	20	1.60
			3/8" (9.52)	1/2" (12.5)	-	10	R32	1.30	5	54	1.57
	625971	SRC50ZSX-W1	1/4" (6.25)	1/2" (12.5)	-	30	R32	1.30	15	20	1.60
			3/8" (9.52)	1/2" (12.5)	-	10	R32	1.30	5	54	1.57
	625973	SRC50ZSX-W2	1/4" (6.25)	1/2" (12.5)	-	30	R32	1.30	15	20	1.60
			3/8" (9.52)	1/2" (12.5)	-	10	R32	1.30	5	54	1.57
	625975	SRC60ZSX-W	1/4" (6.25)	1/2" (12.5)	-	30	R32	1.30	15	20	1.60
			3/8" (9.52)	1/2" (12.5)	-	10	R32	1.30	5	54	1.57
	625976	SRC60ZSX-W1	1/4" (6.25)	1/2" (12.5)	-	30	R32	1.30	15	20	1.60
			3/8" (9.52)	1/2" (12.5)	-	10	R32	1.30	5	54	1.57
	628061	FDC71VNX-W	3/8" (9.52)	5/8" (15.88)	5 ⁽¹⁾	50	R32	2.75	30	54	3.83
			3/8" (9.52)	1/2" (12.5)	5 ⁽¹⁾	35	R32	2.75	30	54	3.83
			1/2" (12.5)	5/8" (15.88)	5 ⁽¹⁾	25	R32	2.75	15	111	3.86
	628207	FDC100VNX-W	3/8" (9.52)	5/8" (15.88)	3 ⁽¹⁾	100	R32	4.00	30	54	7.78
			1/4" (6.25)	5/8" (15.88)	3 ⁽¹⁾	20	R32	4.00	10	20	4.20
			3/8" (9.52)	3/4" (19.05)	3 ⁽¹⁾	100	R32	4.00	30	54	7.78
			1/2" (12.5)	5/8" (15.88)	3 ⁽¹⁾	50	R32	4.00	15	110	7.87
			1/2" (12.5)	3/4" (19.05)	3 ⁽¹⁾	50	R32	4.00	15	110	7.87
	628211	FDC100VSX-W	3/8" (9.52)	5/8" (15.88)	3 ⁽¹⁾	100	R32	4.00	30	54	7.78
			1/4" (6.25)	5/8" (15.88)	3 ⁽¹⁾	20	R32	4.00	10	20	4.20
			3/8" (9.52)	3/4" (19.05)	3 ⁽¹⁾	100	R32	4.00	30	54	7.78
			1/2" (12.5)	5/8" (15.88)	3 ⁽¹⁾	50	R32	4.00	15	110	7.87
			1/2" (12.5)	3/4" (19.05)	3 ⁽¹⁾	50	R32	4.00	15	110	7.87
628186	FDC125VNX-W	3/8" (9.52)	5/8" (15.88)	3 ⁽¹⁾	100 ⁽²⁾	R32	4.00	30	54	7.78	
		1/4" (6.25)	5/8" (15.88)	3 ⁽¹⁾	20	R32	4.00	10	20	4.20	
		3/8" (9.52)	3/4" (19.05)	3 ⁽¹⁾	100 ⁽²⁾	R32	4.00	30	54	7.78	
		1/2" (12.5)	5/8" (15.88)	3 ⁽¹⁾	50	R32	4.00	15	110	7.87	
		1/2" (12.5)	3/4" (19.05)	3 ⁽¹⁾	50	R32	4.00	15	110	7.87	
628191	FDC125VSX-W	3/8" (9.52)	5/8" (15.88)	3 ⁽¹⁾	100 ⁽²⁾	R32	4.00	30	54	7.78	
		1/4" (6.25)	5/8" (15.88)	3 ⁽¹⁾	20	R32	4.00	10	20	4.20	
		3/8" (9.52)	3/4" (19.05)	3 ⁽¹⁾	100 ⁽²⁾	R32	4.00	30	54	7.78	
		1/2" (12.5)	5/8" (15.88)	3 ⁽¹⁾	50	R32	4.00	15	110	7.87	
		1/2" (12.5)	3/4" (19.05)	3 ⁽¹⁾	50	R32	4.00	15	110	7.87	
628196	FDC140VNX-W	3/8" (9.52)	5/8" (15.88)	3 ⁽¹⁾	100 ⁽³⁾	R32	4.00	30	54	7.78	
		1/4" (6.25)	5/8" (15.88)	3 ⁽¹⁾	20	R32	4.00	10	20	4.20	
		3/8" (9.52)	3/4" (19.05)	3 ⁽¹⁾	100 ⁽³⁾	R32	4.00	30	54	7.78	
		1/2" (12.5)	5/8" (15.88)	3 ⁽¹⁾	50	R32	4.00	15	110	7.87	
		1/2" (12.5)	3/4" (19.05)	3 ⁽¹⁾	50	R32	4.00	15	110	7.87	
628201	FDC140VSX-W	3/8" (9.52)	5/8" (15.88)	3 ⁽¹⁾	100 ⁽³⁾	R32	4.00	30	54	7.78	
		1/4" (6.25)	5/8" (15.88)	3 ⁽¹⁾	20	R32	4.00	10	20	4.20	
		3/8" (9.52)	3/4" (19.05)	3 ⁽¹⁾	100 ⁽³⁾	R32	4.00	30	54	7.78	
		1/2" (12.5)	5/8" (15.88)	3 ⁽¹⁾	50	R32	4.00	15	110	7.87	
		1/2" (12.5)	3/4" (19.05)	3 ⁽¹⁾	50	R32	4.00	15	110	7.87	

(1) When the one way pipe run is less than 3m (5m on FDC71VNX-W) remove 0.9kg of refrigerant from the system.

(2) Maximum one way pipe lengths when used in an FDE60V twin split is 85m

(3) Maximum one way pipe lengths for an FDE71V twin or an FDE50V triple split is 85m and for an SRK50ZSX-W triple split is 65m

R410A REFRIGERANT PIPE LIMITS AND GAS CHARGING INFORMATION

	SAP CODE	Model	Connction Size		One Way Pipe Run		Refrigerant				
			Liquid Ins (mm)	Suction Ins (mm)	Minimum m	Maximum m	Type	Charge kg	Precharged Length m	Additional Charge g/m	Maximum Charge kg
RAC STANDARD		DXC09Z6-S	1/4" (6.25)	3/8" (9.52)	-	15	R410a	0.655	10	20	0.755
		DXC12Z6-S	1/4" (6.25)	3/8" (9.52)	-	15	R410a	0.81	15	n/a	0.81
		DXC15Z6-S	1/4" (6.25)	1/2" (12.5)	-	25	R410a	1.20	15	20	1.40
	625995	SRC25ZSP-S	1/4" (6.25)	3/8" (9.52)	-	15	R410a	0.655	10	20	0.755
	625997	SRC35ZSP-S	1/4" (6.25)	3/8" (9.52)	-	15	R410a	0.81	15	n/a	0.81
	626000	SRC45ZSP-S	1/4" (6.25)	1/2" (12.5)	-	25	R410a	1.20	15	20	1.40
RAC PREMIUM	625770	SRC20ZS-S	1/4" (6.25)	3/8" (9.52)	-	20	R410a	0.75	15	20	0.85
	625780	SRC25ZS-S	1/4" (6.25)	3/8" (9.52)	-	20	R410a	0.75	15	20	0.85
	625790	SRC35ZS-S	1/4" (6.25)	3/8" (9.52)	-	20	R410a	0.95	15	20	1.05
	625800	SRC50ZS-S	1/4" (6.25)	1/2" (12.5)	-	25	R410a	1.25	15	20	1.45
	625672	SRC63ZR-S	1/4" (6.25)	1/2" (12.5)	-	30	R410a	1.55	15	20	1.85
			3/8" (9.52)	1/2" (12.5)	-	10	R410a	1.55	5	60	1.85
	625682	SRC71ZR-S	1/4" (6.25)	5/8" (15.88)	-	30	R410a	1.8	15	25	2.175
			3/8" (9.52)	5/8" (15.88)	-	12	R410a	1.8	6	60	2.16
625683	SRC71ZR-S1	1/4" (6.25)	5/8" (15.88)	-	30	R410a	1.8	15	25	2.175	
		3/8" (9.52)	5/8" (15.88)	-	12	R410a	1.8	6	60	2.16	
625692	SRC80ZR-S	1/4" (6.25)	5/8" (15.88)	-	30	R410a	1.9	15	25	2.275	
		3/8" (9.52)	5/8" (15.88)	-	12	R410a	1.9	6	60	2.26	
PAC STANDARD	627080	FDC71VNP	1/4" (6.25)	1/2" (12.5)	-	30	R410a	1.60	15 ⁽²⁾	20	1.90
			1/4" (6.25)	5/8" (15.88)	-	24	R410a	1.60	12	25	1.90
			3/8" (9.52)	1/2" (12.5)	-	10	R410a	1.60	5	60	1.90
			3/8" (9.52)	5/8" (15.88)	-	10	R410a	1.60	5	60	1.90
		FDC71VNP (with FDF71)	1/4" (6.25)	1/2" (12.5)	-	23	R410a	1.60	8	20	1.76
			1/4" (6.25)	5/8" (15.88)	-	18	R410a	1.60	6	25	1.90
			3/8" (9.52)	1/2" (12.5)	-	8	R410a	1.60	3	60	1.90
			3/8" (9.52)	5/8" (15.88)	-	8	R410a	1.60	3	60	1.90
	627092	FDC90VNP	1/4" (6.25)	5/8" (15.88)	-	30	R410a	2.10	15	25	2.48
			3/8" (9.52)	1/2" (12.5)	-	12	R410a	2.10	6	60	2.46
			3/8" (9.52)	5/8" (15.88)	-	12	R410a	2.10	6	60	2.46
			1/4" (6.25)	5/8" (15.88)	-	23	R410a	2.10	8	25	2.48
	FDC90VNP (with FDF100)	3/8" (9.52)	1/2" (12.5)	-	10	R410a	2.10	3	60	2.52	
		3/8" (9.52)	5/8" (15.88)	-	10	R410a	2.10	3	60	2.52	
		3/8" (9.52)	5/8" (15.88)	-	30	R410a	2.55	15	60	3.45	
		3/8" (9.52)	1/2" (12.5)	-	15	R410a	2.55	7	80	3.19	
627104	FDC100VNP	3/8" (9.52)	5/8" (15.88)	-	30	R410a	2.55	15	60	3.45	
PAC MICRO INVERTER	628070	FDC100VNA	3/8" (9.52)	5/8" (15.88)	3 ⁽¹⁾	50	R410a	3.80	30	60	5.00
			3/8" (9.52)	3/4" (19.05)	3 ⁽¹⁾	50	R410a	3.80	30	60	5.00
			1/2" (12.5)	5/8" (15.88)	3 ⁽¹⁾	25	R410a	3.80	15	80	4.60
			1/2" (12.5)	3/4" (19.05)	3 ⁽¹⁾	25	R410a	3.80	15	80	4.60
	628086	FDC100VSA	3/8" (9.52)	5/8" (15.88)	3 ⁽¹⁾	50	R410a	3.80	30	60	5.00
			3/8" (9.52)	3/4" (19.05)	3 ⁽¹⁾	50	R410a	3.80	30	60	5.00
			1/2" (12.5)	5/8" (15.88)	3 ⁽¹⁾	25	R410a	3.80	15	80	4.60
			1/2" (12.5)	3/4" (19.05)	3 ⁽¹⁾	25	R410a	3.80	15	80	4.60
	628103	FDC125VNA	3/8" (9.52)	5/8" (15.88)	3 ⁽¹⁾	50	R410a	3.80	30	60	5.00
			3/8" (9.52)	3/4" (19.05)	3 ⁽¹⁾	50	R410a	3.80	30	60	5.00
			1/2" (12.5)	5/8" (15.88)	3 ⁽¹⁾	25	R410a	3.80	15	80	4.60
			1/2" (12.5)	3/4" (19.05)	3 ⁽¹⁾	25	R410a	3.80	15	80	4.60
	628118	FDC125VSA	3/8" (9.52)	5/8" (15.88)	3 ⁽¹⁾	50	R410a	3.80	30	60	5.00
			3/8" (9.52)	3/4" (19.05)	3 ⁽¹⁾	50	R410a	3.80	30	60	5.00
			1/2" (12.5)	5/8" (15.88)	3 ⁽¹⁾	25	R410a	3.80	15	80	4.60
			1/2" (12.5)	3/4" (19.05)	3 ⁽¹⁾	25	R410a	3.80	15	80	4.60
	628134	FDC140VNA	3/8" (9.52)	5/8" (15.88)	3 ⁽¹⁾	50	R410a	3.80	30	60	5.00
			3/8" (9.52)	3/4" (19.05)	3 ⁽¹⁾	50	R410a	3.80	30	60	5.00
			1/2" (12.5)	5/8" (15.88)	3 ⁽¹⁾	25	R410a	3.80	15	80	4.60
			1/2" (12.5)	3/4" (19.05)	3 ⁽¹⁾	25	R410a	3.80	15	80	4.60
	628150	FDC140VSA	3/8" (9.52)	5/8" (15.88)	3 ⁽¹⁾	50	R410a	3.80	30	60	5.00
			3/8" (9.52)	3/4" (19.05)	3 ⁽¹⁾	50	R410a	3.80	30	60	5.00
			1/2" (12.5)	5/8" (15.88)	3 ⁽¹⁾	25	R410a	3.80	15	80	4.60
			1/2" (12.5)	3/4" (19.05)	3 ⁽¹⁾	25	R410a	3.80	15	80	4.60
	628167	FDC200VSA	3/8" (9.52)	7/8" (22.22)	3 ⁽¹⁾	35	R410a	5.60	30	60	5.90
			3/8" (9.52)	1-1/8" (28.58)	3 ⁽¹⁾	70	R410a	5.60	30	60	8.00
			1/2" (12.5)	7/8" (22.22)	3 ⁽¹⁾	35	R410a	5.60	16.5	145	8.28
			1/2" (12.5)	1-1/8" (28.58)	3 ⁽¹⁾	70	R410a	5.60	16.5	145	13.36
628180	FDC250VSA	5/8" (15.88)	7/8" (22.22)	3 ⁽¹⁾	30	R410a	5.60	6	200	10.40	
		1/2" (12.5)	7/8" (22.22)	3 ⁽¹⁾	35	R410a	7.20	30	120	7.80	
		1/2" (12.5)	1-1/8" (28.58)	3 ⁽¹⁾	70	R410a	7.20	25	120	12.60	
		5/8" (15.88)	7/8" (22.22)	3 ⁽¹⁾	35	R410a	7.20	18	200	10.60	
			5/8" (15.88)	1-1/8" (28.58)	3 ⁽¹⁾	40	R410a	7.20	18	200	11.60

R410A REFRIGERANT PIPE LIMITS AND GAS CHARGING INFORMATION

RAC DIAMOND / PAC HYPER INVERTER	625810	SRC20ZSX-S	1/4" (6.25)	3/8" (9.52)	-	25	R410a	1.45	15	20	1.65
	625820	SRC25ZSX-S	1/4" (6.25)	3/8" (9.52)	-	25	R410a	1.45	15	20	1.65
	625830	SRC35ZSX-S	1/4" (6.25)	3/8" (9.52)	-	25	R410a	1.45	15	20	1.65
	625840	SRC40ZSX-S	1/4" (6.25)	1/2" (12.5)	-	30	R410a	1.50	15	20	1.80
			3/8" (9.52)	1/2" (12.5)	-	10	R410a	1.50	5	60	1.80
	625850	SRC50ZSX-S	1/4" (6.25)	1/2" (12.5)	-	30	R410a	1.50	15	20	1.80
			3/8" (9.52)	1/2" (12.5)	-	10	R410a	1.50	5	60	1.80
	625860	SRC60ZSX-S	1/4" (6.25)	1/2" (12.5)	-	30	R410a	1.50	15	20	1.80
			3/8" (9.52)	1/2" (12.5)	-	10	R410a	1.50	5	60	1.80
	628060	FDC71VNX	3/8" (9.52)	5/8" (15.88)	3 ⁽¹⁾	50	R410a	2.95	30	60	4.15
			3/8" (9.52)	1/2" (12.5)	3 ⁽¹⁾	35	R410a	2.95	30	60	3.25
			1/2" (12.5)	5/8" (15.88)	3 ⁽¹⁾	25	R410a	2.95	15	80	3.75
	628205	FDC100VNX	3/8" (9.52)	5/8" (15.88)	3 ⁽¹⁾	100	R410a	4.50	30	60	8.70
			1/4" (6.25)	5/8" (15.88)	3 ⁽¹⁾	20	R410a	4.50	10	20	4.70
			3/8" (9.52)	3/4" (19.05)	3 ⁽¹⁾	100	R410a	4.50	30	60	8.70
			1/2" (12.5)	5/8" (15.88)	3 ⁽¹⁾	50	R410a	4.50	15	80	7.30
	628210	FDC100VSX	1/2" (12.5)	3/4" (19.05)	3 ⁽¹⁾	50	R410a	4.50	15	80	7.30
			3/8" (9.52)	5/8" (15.88)	3 ⁽¹⁾	100	R410a	4.50	30	60	8.70
			1/4" (6.25)	5/8" (15.88)	3 ⁽¹⁾	20	R410a	4.50	10	20	4.70
			3/8" (9.52)	3/4" (19.05)	3 ⁽¹⁾	100	R410a	4.50	30	60	8.70
	628185	FDC125VNX	1/2" (12.5)	5/8" (15.88)	3 ⁽¹⁾	50	R410a	4.50	15	80	7.30
			1/2" (12.5)	3/4" (19.05)	3 ⁽¹⁾	50	R410a	4.50	15	80	7.30
			3/8" (9.52)	5/8" (15.88)	3 ⁽¹⁾	100	R410a	4.50	30	60	8.70
			1/4" (6.25)	5/8" (15.88)	3 ⁽¹⁾	20	R410a	4.50	10	20	4.70
628190	FDC125VSX	3/8" (9.52)	3/4" (19.05)	3 ⁽¹⁾	100	R410a	4.50	30	60	8.70	
		1/2" (12.5)	5/8" (15.88)	3 ⁽¹⁾	50	R410a	4.50	15	80	7.30	
		1/2" (12.5)	3/4" (19.05)	3 ⁽¹⁾	50	R410a	4.50	15	80	7.30	
		3/8" (9.52)	5/8" (15.88)	3 ⁽¹⁾	100	R410a	4.50	30	60	8.70	
628195	FDC140VNX	1/2" (12.5)	5/8" (15.88)	3 ⁽¹⁾	50	R410a	4.50	15	80	7.30	
		1/2" (12.5)	3/4" (19.05)	3 ⁽¹⁾	50	R410a	4.50	15	80	7.30	
		3/8" (9.52)	3/4" (19.05)	3 ⁽¹⁾	100	R410a	4.50	30	60	8.70	
		1/4" (6.25)	5/8" (15.88)	3 ⁽¹⁾	20	R410a	4.50	10	20	4.70	
628200	FDC140VSX	3/8" (9.52)	3/4" (19.05)	3 ⁽¹⁾	100	R410a	4.50	30	60	8.70	
		1/2" (12.5)	5/8" (15.88)	3 ⁽¹⁾	50	R410a	4.50	15	80	7.30	
		1/2" (12.5)	3/4" (19.05)	3 ⁽¹⁾	50	R410a	4.50	15	80	7.30	
		3/8" (9.52)	5/8" (15.88)	3 ⁽¹⁾	100	R410a	4.50	30	60	8.70	

⁽¹⁾ When the one way pipe run is less than 3m remove 1kg of refrigerant from the system.

⁽²⁾ When FDC71VNP is connected to an FDF71 the precharged length is 8m and the maximum pipe run drops to 23m

⁽³⁾ When FDC90VNP is connected to an FDF100 the precharged length is 8m and the maximum pipe run drops to 23m