



# Metering Device Selection Matrix

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Refrigerant	Range (tons)	For use with A/C or H/P	20% Bleed Port	TXV Kit Model No.	Aspen Part No.*	Parker p/n	Sporlan p/n	Emerson	Danfoss	Ordering Nomenclature	
										C coils & A AH's	B coils & F AH's
R410A	1 1/2- 3 1/2	Both	No	X5-3	4200 (1)	HCE3KX100A	CBBIZE-3-GA-BP20 - NON BLEED	ANCE 3 ZW195	067U5985	4	+X5
R410A	4-5.6	Both	No	X5-5	4202 (1)	HCE5KX100A	CBBIZE-6-GA-BP20 - NON BLEED	ANCE 5 ZW195	067U5986	4	+X5
R410A	1 1/2- 3 1/2	Both	Yes	X6-3	4203 (2)					6	+X6
R410A	4-5.6	Both	Yes	X6-5	4204 (2)					6	+X6
R22	1 1/2- 3 1/2	Both	Yes	X3-3	4044 (1)	HCE3VX100AB20	CBBIVE-3-GA-BP20	ANCEB 3 HAA	0674-3114	B	+X3
R22	4-5.6	Both	Yes	X3-5	4050 (1)	HCE5VX100AB20	CBBIVE-6-GA-BP20	ANCEB 5 HAA	0674-3116	B	+X3
R22	1 1/2- 3 1/2	Both	No	X2-3	4190 (1)	HCE3VX100A	CBBIVE-3-GA-BP20 - NON BLEED	ANCE 3 HAA	0674-3113	X	+X2
R22	4-5.6	Both	No	X2-5	4195 (1)	HCE5VX100A	CBBIVE-6-GA-BP20 - NON BLEED	ANCE 5 HAA	0674-3115	X	+X2
R410A	7.5-10	Both	No	X4-10	3947 (2)	ALSO NEED #3948 ADAPTER	N/A	N/A	N/A	4	+X4
R22	7.5	A/C	No	X1-7.5	3946 (2)	N/A		N/A	N/A	X	+X1
R22	10	A/C	No	X1-10	3940 (2)	N/A	SVE-10-CP-100	N/A	N/A	X	+X1

\*(1) = Non-Adjustable Valve; (2) = Adjustable Valve

PISTON SIZE-NON TXV USE				
Tonnage	R22	(F)	R410A	(G)
	Orifice Sz	PART #	Orifice Sz	PART #
1T	0.041	3962	N/A	N/A
1.5T	0.055	3999	0.049	4006
2T	0.059	4000	0.055	3999
2.5T	0.068	3987	0.059	4000
3T	0.074	4001	0.068	3987
3.5T	0.080	3990	0.074	4001
4T	0.084	3991	0.080	3990
5T	0.092	3998	0.089	3960

Dual Circuit Commercial Coils	Single Circuit R22 TXV	Single Circuit R410A TXV	Dual Circuit Use 2 R22 TXV	Dual Circuit Use 2 R410A TXV
BV***72+[*]	(X1) 4195	(X4) 4202	(X1) 4190	(X4) 4200
BV***90+[*]	(X1) 3946	(X4) 3947+3948	(X1) 4195	(X4) 4202
BV***120+[*]	(X1) 3940	(X4) 3947+3948	(X1) 4195	(X4) 4202
CC72**[*]	(X) 4195	(4) 4202	(X) 4190	(4) 4200
CC90**[*]	(X) 3946	(4) 3947+3948	(X) 4195	(4) 4202
CC120**[*]	(X) 3940	(4) 3947+3948	(X) 4195	(4) 4202

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**REFERENCE MATERIAL**

