



- NOTES:
- CONTRACTOR TO VERIFY ALL SITE CONDITIONS, LOCATIONS AND DIMENSIONS PRIOR TO COMMENCING WORK. TRACE OUT ALL SYSTEMS BEFORE INITIATING WORK. COORDINATE SYSTEM SHUT DOWNS & SERVICE INTERRUPTIONS WITH OWNER.
 - PROVIDE ALL MATERIALS & LABOUR REQUIRED TO INSTALL ALL REQUIRED COMPONENTS IN ACCORDANCE WITH APPLICABLE CODES, REGULATIONS & DRAWINGS THAT FORM PART OF THIS CONTRACT.
 - DO NOT SCALE FROM DRAWINGS.
 - ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

C	ISSUED FOR TENDER	JUN 28 2017
B	ISSUED FOR 99% REVIEW	MAY 25 2017
A	ISSUED FOR CLIENT REVIEW	APR 28 2017
revisions		date

project

project

MCTS CENTRE

PORT AUX BASQUES

drawing

dessin

MECHANICAL
EQUIPMENT SCHEDULES

designed	D. W.	conçu
date	JUNE 28, 2017	
drawn	TBB	dessiné
date	JUNE 28, 2017	
approved		approuvé
date	JUNE 28, 2017	
Tender	J. F. MacGillivray July 14/17	Sourçage
Project Manager	J. F. MacGillivray	Administrateur de projets TPSC
project number		no. du projet
R.082780.004		
drawing no.		no. du dessin

SCALE : N.T.S.

M8

VRF SYSTEM – INDOOR UNIT SCHEDULE

TAG NO.	ROOMS SERVICED	NOMINAL TONNAGE	MANUFACTURER*	MODEL No.	REFRIGERANT	DESCRIPTION	CONNECTED TO:		SUPPLY FAN AIRFLOW (L/S)	COOLING CAPACITY				HEATING CAPACITY		ELECTRICAL			DIMENSIONS WxHxD(mm)	WEIGHT (Kg)	OPTIONS & ACCESSORIES
							CONDENSER	ZONE CHANGEOVER DEVICE		TOTAL (kW)	SENSIBLE (kW)	ENTERING AIR °C DB °C WB	TOTAL (kW)	ENTERING AIR °C DB	POWER SUPPLY	MCA	MOP				
FC1	MCTS OPERATIONS ROOM 209	0.6	DAIKIN	FXFQ07TVJU	R410A	4-WAY DISCHARGE CEILING MOUNTED CASSETTE (840mmx840mm)	CU1	YES	151	2.08	1.85	26	18.6	2.5	20	208/1/60	0.3	15	841x246x841	19	NAVIGATION REMOTE CONTROLLER, STANDARD DECORATION PANEL, MERV 13 FILTER KIT
FC2	MCTS OPERATIONS ROOM 209	0.6	DAIKIN	FXFQ07TVJU	R410A	4-WAY DISCHARGE CEILING MOUNTED CASSETTE (840mmx840mm)	CU1	YES	151	2.08	1.85	26	18.6	2.5	20	208/1/60	0.3	15	841x246x841	19	NAVIGATION REMOTE CONTROLLER, STANDARD DECORATION PANEL, MERV 13 FILTER KIT
FC3	MCTS OPERATIONS ROOM 209	0.6	DAIKIN	FXFQ07TVJU	R410A	4-WAY DISCHARGE CEILING MOUNTED CASSETTE (840mmx840mm)	CU1	YES	151	2.08	1.85	26	18.6	2.5	20	208/1/60	0.3	15	841x246x841	19	NAVIGATION REMOTE CONTROLLER, STANDARD DECORATION PANEL, MERV 13 FILTER KIT
FC4	MCTS OPERATIONS ROOM 209	0.6	DAIKIN	FXFQ07TVJU	R410A	4-WAY DISCHARGE CEILING MOUNTED CASSETTE (840mmx840mm)	CU1	YES	151	2.08	1.85	26	18.6	2.5	20	208/1/60	0.3	15	841x246x841	19	NAVIGATION REMOTE CONTROLLER, STANDARD DECORATION PANEL, MERV 13 FILTER KIT
FC5	SHARED BOARDROOM/TRAINING 211	1	DAIKIN	FXFQ12TVJU	R410A	4-WAY DISCHARGE CEILING MOUNTED CASSETTE (840mmx840mm)	CU1	YES	205	3.33	2.62	26	18.6	4.1	20	208/1/60	0.3	15	841x246x841	19	NAVIGATION REMOTE CONTROLLER, STANDARD DECORATION PANEL, MERV 13 FILTER KIT
FC6	MCTS KITCHEN 212	0.6	DAIKIN	FXFQ07TVJU	R410A	4-WAY DISCHARGE CEILING MOUNTED CASSETTE (840mmx840mm)	CU1	YES	151	2.08	1.85	26	18.6	2.5	20	208/1/60	0.3	15	841x246x841	19	NAVIGATION REMOTE CONTROLLER, STANDARD DECORATION PANEL, MERV 13 FILTER KIT
FC7	MCTS DEBRIEF 206	0.6	DAIKIN	FXFQ07TVJU	R410A	4-WAY DISCHARGE CEILING MOUNTED CASSETTE (840mmx840mm)	CU1	YES	151	2.08	1.85	26	18.6	2.5	20	208/1/60	0.3	15	841x246x841	19	NAVIGATION REMOTE CONTROLLER, STANDARD DECORATION PANEL, MERV 13 FILTER KIT
FC8	E&I ELECTRONICS EQUIP. RM. 107	1	DAIKIN	FXFQ12TVJU	R410A	4-WAY DISCHARGE CEILING MOUNTED CASSETTE (840mmx840mm)	CU1	YES	205	3.33	2.62	26	18.6	4.1	20	208/1/60	0.8	15	841x246x841	19	NAVIGATION REMOTE CONTROLLER, STANDARD DECORATION PANEL, MERV 13 FILTER KIT
FC9	E&I ELECTRONICS EQUIP. RM. 107	1	DAIKIN	FXFQ12TVJU	R410A	4-WAY DISCHARGE CEILING MOUNTED CASSETTE (840mmx840mm)	CU1	YES	205	3.33	2.62	26	18.6	4.1	20	208/1/60	0.3	15	841x246x841	19	STANDARD DECORATION PANEL, MERV 13 FILTER KIT
FC10	E&I ELECTRONICS EQUIP. RM. 107	0.94	DAIKIN	FXFQ12TVJU	R410A	4-WAY DISCHARGE CEILING MOUNTED CASSETTE (840mmx840mm)	CU1	YES	205	3.33	2.62	26	18.6	4.1	20	208/1/60	0.3	15	841x246x841	19	STANDARD DECORATION PANEL, MERV 13 FILTER KIT
FC11	E&I ELECTRONICS EQUIP. RM. 107	0.94	DAIKIN	FXFQ12TVJU	R410A	4-WAY DISCHARGE CEILING MOUNTED CASSETTE (840mmx840mm)	CU1	YES	205	3.33	2.62	26	18.6	4.1	20	208/1/60	0.3	15	841x246x841	19	STANDARD DECORATION PANEL, MERV 13 FILTER KIT
FC12	LAN ROOM 106	0.94	DAIKIN	FXAQ12PVJU	R410A	WALL MOUNTED UNIT	CU1	YES	137	3.33	2.45	26	18.6	4.11	20	208/1/60	0.4	15	795x290x236	12.02	REMOTE CONTROLLER, REFCO CONDENSATE PUMP MODEL 4678482
FC13	KITCHEN 124	0.6	DAIKIN	FXFQ07TVJU	R410A	4-WAY DISCHARGE CEILING MOUNTED CASSETTE (840mmx840mm)	CU1	YES	151	2.08	1.85	26	18.6	2.5	20	208/1/60	0.3	15	841x246x841	19	NAVIGATION REMOTE CONTROLLER, STANDARD DECORATION PANEL, MERV 13 FILTER KIT
FC14	E&I HEATED STORAGE	0.6	DAIKIN	FXFQ07TVJU	R410A	4-WAY DISCHARGE CEILING MOUNTED CASSETTE (840mmx840mm)	CU1	YES	151	2.08	1.85	26	18.6	2.5	20	208/1/60	0.3	15	841x246x841	19	NAVIGATION REMOTE CONTROLLER, STANDARD DECORATION PANEL, MERV 13 FILTER KIT
FC15	E&I HEATED STORAGE	0.6	DAIKIN	FXFQ07TVJU	R410A	4-WAY DISCHARGE CEILING MOUNTED CASSETTE (840mmx840mm)	CU1	YES	151	2.08	1.85	26	18.6	2.5	20	208/1/60	0.3	15	841x246x841	19	STANDARD DECORATION PANEL, MERV 13 FILTER KIT
FC18	ROOMS 109, 110, 111	0.6	DAIKIN	FXZQ07PBVJU	R410A	CEILING MOUNTED DUCTED	CU1	YES	150	2.08	1.85	26	18.6	2.58	20	208/1/60	0.8	15	551x300x701	19.09	NAVIGATION REMOTE CONTROLLER
FC19	E&I CLEAN WORKSHOP 114	2.0	DAIKIN	FXMQ24PBVJU	R410A	CEILING MOUNTED DUCTED	CU1	YES	325	3.33	2.66	26	18.6	8.21	20	208/1/60	1.8	15	1000x300x701	36	NAVIGATION REMOTE CONTROLLER

*NOTE: ALTERNATIVE MANUFACTURERS: MITSUBISHI, LG, TOSHIBA, OR APPROVED EQUAL

LOW AMBIENT A/C SYSTEM – INDOOR UNIT SCHEDULE

TAG NO.	ROOMS SERVICED	NOMINAL TONNAGE	MANUFACTURER*	MODEL No.	REFRIGERANT	DESCRIPTION	CONNECTED TO:		SUPPLY FAN AIRFLOW (L/S)	COOLING CAPACITY		HEATING CAPACITY		ELECTRICAL			DIMENSIONS WxHxD(mm)	WEIGHT (Kg)	OPTIONS & ACCESSORIES		
							CONDENSER	ZONE CHANGEOVER DEVICE		TOTAL (KW)	SENSIBLE (KW)	TOTAL (KW)	ENTERING AIR °C DB °C WB	POWER SUPPLY	MCA	MOP					
FC16	E&I ELECTRONICS EQUIP. RM. 107 (BACKUP SYSTEM)	2.5	DAIKIN	FTXS30LVJU	R410A	WALL MOUNTED UNIT	CU2	YES	333	8.79	5.84	26	18.6	—	—	208/1/60	19.5	20	989x940x321	81.19	REMOTE CONTROLLER, MERV 13 FILTER KIT, REFCO CONDENSATE PUMP MODEL 4678482
FC17	E&I ELECTRONICS EQUIP. RM. 107 (BACKUP SYSTEM)	2.5	DAIKIN	FTXS30LVJU	R410A	WALL MOUNTED UNIT	CU3	YES	333	8.79	5.84	26	18.6	—	—	208/1/60	19.5	20	989x940x321	81.19	REMOTE CONTROLLER, MERV 13 FILTER KIT, REFCO CONDENSATE PUMP MODEL 4678482

*NOTE: ALTERNATIVE MANUFACTURERS: MITSUBISHI, LG, TOSHIBA, OR APPROVED EQUAL

VRF SYSTEM – AIR-COOLED CONDENSING UNIT SCHEDULE

TAG NO.	MANUFACTURER*	MODEL No.	REFRIGERANT	NOMINAL TONNAGE	COOLING CAPACITY		HEATING CAPACITY		ELECTRICAL			REFRIGERANT CHARGE		CONNECTION RATIO (%)	DIMENSIONS WxHxD(mm)	WEIGHT (Kg)	EFFICIENCY (NON-DUCTED/DUCTED)					OPTIONS & ACCESSORIES	
					KW	ENTERING AIR °C DB	KW	ENTERING AIR °C DB °C WB	POWER SUPPLY	MCA	MOP	RUNNING CURRENT	FACTORY (Kg.)				ADD'L CHARGE (Kg.)	EER	IEER	COP47	COP17		SCHE
CU1	DAIKIN	REYQ120TAYCU	R410A	10	38.8	23.88	24.9	-16.11 -17.16	600/3/60	18.2	25	-	11.70	12.47	126.3	1242x1694x767	329.7	13.9	25.4	3.98	2.54	27.9	-

*NOTE: ALTERNATIVE MANUFACTURERS: MITSUBISHI, LG, TOSHIBA, OR APPROVED EQUAL

LOW AMBIENT A/C SYSTEM – AIR-COOLED CONDENSING UNIT SCHEDULE

TAG NO.	MANUFACTURER*	MODEL No.	REFRIGERANT	NOMINAL TONNAGE	COOLING CAPACITY		HEATING CAPACITY		ELECTRICAL			REFRIGERANT CHARGE		CONNECTION RATIO (%)	DIMENSIONS	WEIGHT (Kg)	EFFICIENCY (NON-DUCTED/DUCTED)					OPTIONS & ACCESSORIES		
					KW	ENTERING AIR °C DB	KW	ENTERING AIR °C DB °C WB	POWER SUPPLY	MCA	MOP	RUNNING CURRENT	FACTORY (Kg.)		ADD'L CHARGE (Kg.)		WxHxD(mm)	EER	IEER	COP47	COP17		SCHE	
CU2	DAIKIN	RKS30LVJU	R410A	2.5	8.79	-10 TO 46.1	-	-	-	208/1/60	19.5	20	-	2.81	-	-	986x940x321	81.2	10.71	19.30	-	-	-	-
CU3	DAIKIN	RKS30LVJU	R410A	2.5	8.79	-10 TO 46.1	-	-	-	208/1/60	19.5	20	-	2.81	-	-	986x940x321	81.2	10.71	19.30	-	-	-	-

*NOTE: ALTERNATIVE MANUFACTURERS: MITSUBISHI, LG, TOSHIBA, OR APPROVED EQUAL

VRF SYSTEM – ZONE HEAT RECOVERY DEVICE SCHEDULE

TAG NO.	CONDENSING UNIT SERVED	MANUFACTURER*	MODEL No.	REFRIGERANT	MAX. CAPACITY PER PORT (KW)	ELECTRICAL			DIMENSIONS WxHxD(mm)	WEIGHT (Kg)	OPTIONS & ACCESSORIES
						POWER SUPPLY	MCA	MOP			
BS1	CU1	DAIKIN	BS4Q54TVJ	R410A	15.82	208/1/60	0.4	15	371x297x480	22	-
BS2	CU1	DAIKIN	BSQ60TVJ	R410A	17.58	208/1/60	0.1	15	387x206x325	12.25	-
BS3	CU1	DAIKIN	BS4Q54TVJ	R410A	15.82	208/1/60	0.4	15	371x297x480	22	-

*NOTE: ALTERNATIVE MANUFACTURERS: MITSUBISHI, LG, TOSHIBA, OR APPROVED EQUAL

