



**COMPRESSOR**  
 CMP-S815A, CMP-S816A  
 TYPE: SCROLL  
 CAPACITY: 37.4 m<sup>3</sup>/h FAD  
 PRESSURE: 1200 kPa  
 MOTOR: 6.0 KW  
 VOLTAGE: 600/3/60

**AIR DRYER**  
 AD-S815A, AD-S816A  
 TYPE: HEATLESS ADSORPTION  
 CAPACITY: 42.5 m<sup>3</sup>/h FAD  
 DEW POINT: -20°C  
 VOLTAGE: 120/1/60  
 PREFILTER: COALESCING 0.01 um PARTICLE  
 AFTER FILTER: 1 um PARTICLE  
 c/w AUTO DRAIN TRAP

**PREFILTER FILTER**  
 AF-S815A, AF-S816A  
 TYPE: COALESCING  
 NOM. CAP.: 61.2 m<sup>3</sup>/h FAD  
 FILTRATION: 0.01 um PARTICLE

**COMPRESSED AIR RECEIVER**  
 PV-S826A  
 VOL: 760 L  
 MAWP: 1379 kPa @ 205 C  
 TANK DIA: 762 mm  
 TANK HEIGHT: 1830 mm  
 MASS: 230 kg

**AFTER FILTER**  
 AF-S815B, AF-S816B  
 TYPE: PARTICLE  
 NOM. CAP.: 61.2 m<sup>3</sup>/h FAD  
 FILTRATION: 1 um PARTICLE

 Certificate of Authorization Earth Tech Canada Inc. No. 730 Expiry: April 30, 2007	B.M. ELEV.	 Frederickson Cooper ARCHITECTS	 A Type International Ltd. Company	ENGINEER'S SEAL	 THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION	
	DESIGNED BY: AA			CHECKED BY: PVL/AMA		ORIGINAL SIGNED BY: A. M. AFTANAS
	DRAWN BY: DJP			APPROVED BY: AHL		2007/01/31
	SCALE: N.T.S.			RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI		CONSULTANT DRAWING NO. WS-H0521
00 ISSUED FOR TENDER 07/01/31 DL	DATE BY DATE DATE	2006/01/06	DATE 2007/01/31	MECHANICAL COMPRESSED AIR SYSTEM PROCESS AND INSTRUMENTATION DIAGRAM	CITY FILE NUMBER SHEET OF CITY DRAWING NUMBER 1-0601S-G-H0521-001-000	